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CITY OF  
*Seattle, Washington*

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**2013-2018 Proposed  
Capital Improvement Program**



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# CITY OF SEATTLE

## 2013-2018 Proposed Capital Improvement Program

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**City of Seattle**

**2013-2018 Proposed  
Capital Improvement Program**

**TABLE OF CONTENTS**

**Introduction**

Reader’s Guide . . . . . i  
Overview . . . . . 1

**Culture and Recreation**

Parks and Recreation . . . . . 19  
Seattle Center . . . . . 193  
Seattle Public Library . . . . . 237

**Transportation** . . . . . 247

**Seattle City Light** .. . . . 347

**Seattle Public Utilities**

Seattle Public Utilities – Drainage and Wastewater . . . . . 563  
Seattle Public Utilities – Solid Waste . . . . . 627  
Seattle Public Utilities – Technology Projects. . . . . 653  
Seattle Public Utilities – Water . . . . . 665

**Administration**

Finance and Administrative Services . . . . . 745  
Information Technology . . . . . 819

**Appendix**

New or Expanded Capital Facilities. . . . . 837

**Glossary**

Glossary . . . . . 857



### Reader's Guide to the 2013-2018 Proposed Capital Improvement Program

The City of Seattle's 2013-2018 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 622 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 is comprised of a listing of 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/mpi/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 2011; the 2012 revised budget (including 2012 Adopted Budget, carry-forward balances, abandonments, and supplemental appropriations); proposed 2013 and 2014 appropriations; and estimated appropriation requests for 2015-2018. "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. Funds are appropriated in the 2013 Adopted Budget 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. These assets must be properly maintained in order to ensure they are safe, lasting, and provide a welcoming and usable space to serve the various purposes for which they are intended. 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 serve to 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 2013-2018 Proposed CIP totals \$5.0 billion over six years, with \$764 million of that amount anticipated to be spent in 2013.

### **Capital Planning Policies**

The City historically has based capital planning efforts on a set of criteria that help set priorities among potential capital programs. Resolution 31203, adopted in June 2010, is the most recent update and 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 2013-2018 Proposed CIP. Full versions of the department white papers can be found on the City Budget Office website: <http://www.seattle.gov/financedepartment/>

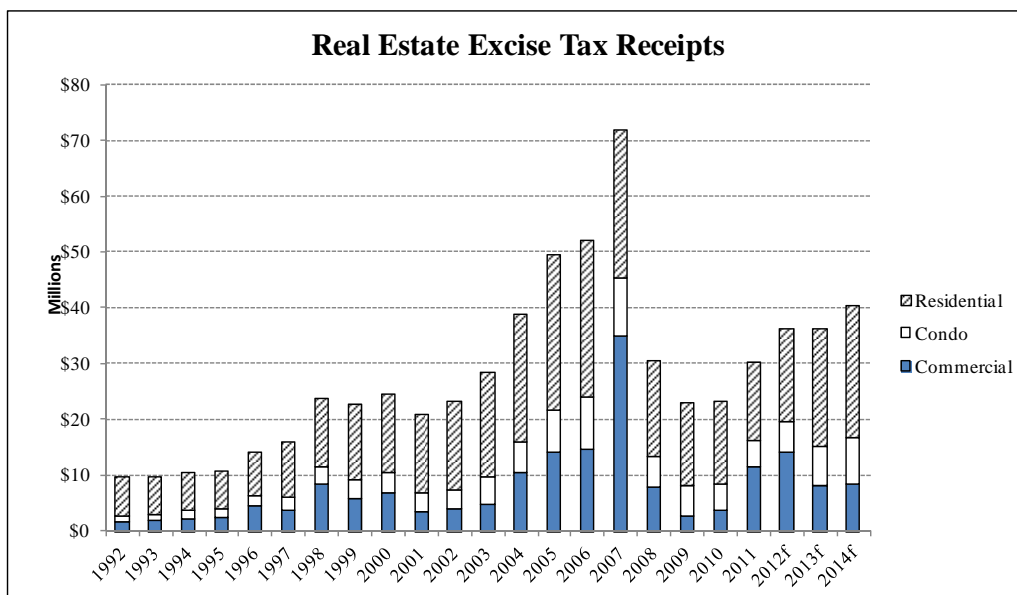
## Capital Program Funding and Recent Challenges

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. Utility projects (Seattle City Light and Seattle Public Utilities) are funded by 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 and 2009 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 is rebuilding the reserve over time in order to deal with future unexpected downturns in revenue. Through careful management of capital spending since 2010, current projections anticipate that target reserve levels for REET of \$10 million will be achieved in 2014. This level of REET reserve has not been achieved since 2008 and is critical to ensure the City has sufficient funding to maintain core asset preservation work in the event of a future economic downturn.

### Real Estate Excise Tax Revenue



The City’s General Fund also has experienced significant strain in recent years, and while moderated for the coming 2013-2014 biennium relative to previous years, following several years of reductions and given emerging issues, General Fund fiscal strain is likely to continue into future years. Use of General

Fund for capital programs results in fewer dollars available for direct services or programs; however, successfully functioning capital facilities are essential to enable provision of services using those facilities. For additional detail on General Fund challenges, please see the 2013-2014 Proposed Budget Overview online here: <http://www.seattle.gov/financedepartment/13proposedbudget/default.htm>

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 2013-2018 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 has undertaken a number of major capital projects during the last two decades using voter-approved funds and Councilmanic (non-voted) debt. 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 funding through the families and education levy. Councilmanic debt has been used to address the City's downtown office space requirements, including purchase of Key Tower, an office tower housing many City employees, in 1996 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.

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

Given general resource funding challenges, it will be necessary for the City to 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 funding has not previously been identified and also identified a gap between City policies on asset preservation spending and available resources for this purpose. Given funding constraints, not every project can be supported. But priority projects have been identified. In order to fund these projects and raise asset preservation funding levels to at least minimum target levels, additional voter-approved levy authority will be required in addition to support from the City's general tax authority.

#### **Central Seawall**

The Central Seawall remains a critical public safety project in need of full funding. The November 2012 election will include a ballot measure for voters to consider that would authorize an excess bond levy to provide full funding for this project. Once approved by voters, this \$290 million 30-year excess levy will complete funding necessary to construct Phase 1 the Elliott Bay Seawall Project (from Washington Street to Virginia Street), and would fund reconstruction of one of the public piers (Pier 62/63 and Waterfront Park).

#### **Transit**

The Transit Master Plan (TMP) was completed in the fall of 2011. 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 2013-2018 Proposed CIP adds \$3.5 million in funding over previously planned 2013 and 2014 spending levels to allow for additional planning related to high capacity transit in the five priority corridors identified in the TMP. This will ensure that the City continues to refine plans and move towards implementation of the TMP. In addition, \$2.5 million is set aside in 2014 in a Transit Master Plan Investment Reserve to provide local matching funds to continue the next phase of work on each of these corridors, which will focus on design, engineering and environmental review. In total, the 2013-2018 Proposed CIP includes \$16.5 million over the coming two years for transit related projects, not including the First Hill Streetcar, which is funded by Sound Transit.

Funding provided in the 2013-2018 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 will go before voters in November 2012 would also provide 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 2013-2018 Proposed CIP includes General Fund-supported debt to begin due diligence work and land acquisition for 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 2013-2018 Proposed CIP includes funding for major Parks capital projects, including continuation of the renovation of Building 30 at Magnuson Park and increases to Seattle's Urban Forestry program. Approximately \$18 million will also be spent on a variety of capital maintenance projects in the parks system in 2013 alone. This much-needed injection of resources into basic asset preservation will increase the life and usability of these facilities. In order to avoid the degradation of other community parks facilities, investments need to be maintained and increased in basic asset preservation.

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 with an emphasis on providing needed resources to maintain these valuable public assets. The existing 2008 Parks Levy expires at the end of 2014.

### **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.

## **2013-2018 Proposed Capital Improvement Program Summary**

The 2013-2018 Proposed CIP totals about \$5.0 billion for six years and includes approximately 622 individual projects. About \$2.9 billion of the six-year total, or 59%, consists of utility projects that are managed by Seattle City Light (SCL) and Seattle Public Utilities (SPU), and mostly are funded by utility rates. Approximately \$1.5 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 \$536 million, or 10% of the six-year CIP. Summaries of spending plans by department and details of individual project spending in the 2013-2018 Proposed CIP are contained in each department section. For informational purposes only, the table on the next page shows the total 2013-2018 allocations by department and the accompanying pie chart displays the allocations for 2013 only.

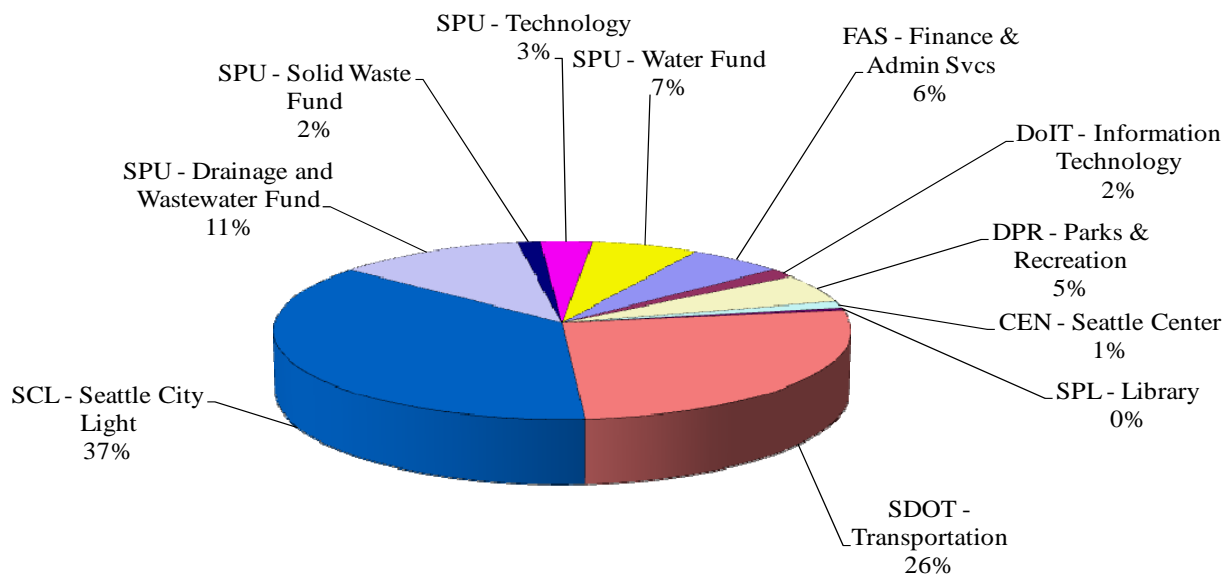
2013-2018 Proposed CIP by Department (dollars in thousands)

Department	2012 Adopted <sup>1</sup>	2013 Proposed	2014 Proposed	2015-18 Total	2013-18 Total
Finance and Administrative Services	28,069	44,136	46,451	138,691	229,278
Information Technology	7,906	12,509	44,292	46,259	103,060
Parks and Recreation	52,283	40,572	24,936	70,783	136,291
Seattle Center	3,878	8,980	5,151	32,135	46,266
Seattle Public Library	1,783	3,425	3,556	13,713	20,694
Seattle Transportation	188,094	200,154	265,477	1,060,035	1,525,667
<b>Subtotal</b>	<b>282,553</b>	<b>309,777</b>	<b>389,863</b>	<b>1,361,617</b>	<b>2,061,256</b>
<b>City-owned Utilities</b>					
Seattle City Light	260,670	282,734	299,221	1,303,452	1,885,407
SPU - Drainage & Wastewater	89,022	87,250	93,760	307,921	488,931
SPU - Solid Waste	16,778	11,148	34,479	89,119	134,746
SPU - Technology Projects	11,838	23,667	21,101	52,553	97,321
SPU - Water	50,149	49,803	58,881	223,150	331,834
<b>Subtotal</b>	<b>428,457</b>	<b>454,602</b>	<b>507,441</b>	<b>1,976,196</b>	<b>2,938,239</b>
<b>City Total</b>	<b>711,009</b>	<b>764,379</b>	<b>897,304</b>	<b>3,337,812</b>	<b>4,999,495</b>

Notes:

1. 2012 Adopted totals are based on the 2012-2017 Adopted CIP.
2. Not all funds above are appropriated; see the 2013 Adopted Budget for a list of capital appropriations by department.

2013 Proposed CIP by Department - \$ 764 Million



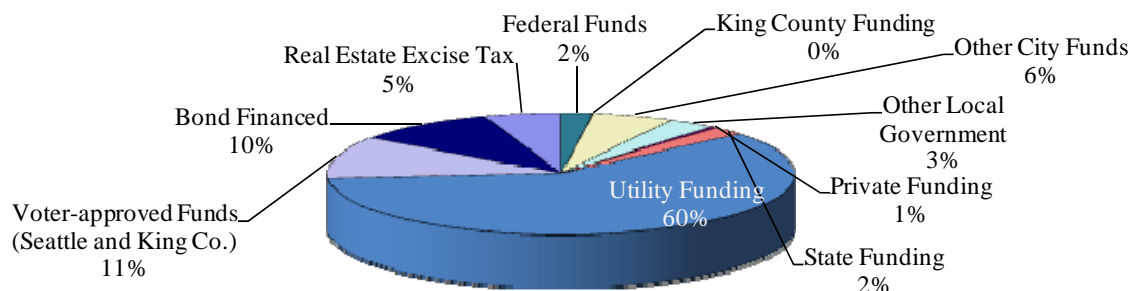
2013-2018 Proposed Capital Improvement Program

**2013-2018 Proposed CIP Revenues**

The table below identifies funding sources for the 2013-2018 Proposed CIP by Revenue Source Group.

Revenue Source Group (in 1,000s)	2012 Adopted	2013 Proposed	2014 Proposed
Federal Funds	17,613	16,888	20,434
King County Funding	2,687	275	15,455
Other City Funds	27,877	43,287	54,139
Other Local Government	50,212	25,085	26,861
Private Funding	7,701	3,357	3,094
State Funding	29,231	17,576	27,422
Utility Funding	430,969	456,373	511,543
Real Estate Excise Tax	31,365	40,919	31,506
Bond Financed	49,977	75,303	84,827
Voter-approved Funds (Seattle and King Co.)	63,377	85,316	119,203
Grand Total	711,009	764,379	897,304

**2013 Proposed CIP by Revenue Source - \$ 764 Million**



**Asset Preservation**

A 2002 Asset Preservation Study found that, despite achieving targets recommended by the Citizens' Capital Investment Committee in 1994, 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 \$49 million (2012 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.

## Overview

In 2013, the City is spending \$28.1 million from the Cumulative Reserve Subfund (CRS) and approximately \$45.2 million overall on asset preservation of general government infrastructure, including rehabilitation or restoration projects in parks, libraries, civic buildings, and on the Seattle Center campus. In SDOT, about \$91.8 million is allocated to asset preservation of infrastructure in 2013. In the 2013-2018 Proposed CIP, the City continues to fund projects in the Finance and Administrative Department 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 2013-2018 Proposed CIP increases Capital Projects Account funding for asset preservation from 2012 levels and reduces the gap between funding and target levels. However, given general revenue constraints, there is still a shortfall from needed levels. This gap between available resources and needed funding levels is an issue that the City will continue to grapple with over time unless additional funding sources are identified.

<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 Proposed</b>	<b>2014 Proposed</b>	<b>Cumulative (2010 Through 2014)</b>
Budget <sup>1</sup>	\$15.3	\$17.1	\$24.2	\$28.1	\$27.0	\$111.6
Target	\$47.4	\$48.1	\$49.1	\$50.2	\$51.1	\$245.9
Budget minus Target	(\$32.2)	(\$31.0)	(\$24.9)	(\$22.1)	(\$24.1)	(\$134.3)
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)	(\$4.5)	(\$6.3)	(\$48.4)
1) Budget represents funding levels from the Cumulative Reserve Subfund Capital Projects Account						

### **2013 Cumulative Reserve Subfund Appropriations**

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. Recent declines in REET revenue have drastically reduced resources available in CRS to support capital maintenance projects.



## Overview

The table below (dollars displayed in thousands) 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 2013-2014 Proposed Budget.

<b>2013 CRS Capital Spending by Department (000’s)</b>	<b>CRS Direct</b>	<b>Capital</b>	<b>Total</b>
Seattle Center	\$0	\$8,135	\$8,135
Seattle Public Library	\$0	\$677	\$677
Seattle Department of Transportation	\$12,588	\$0	\$12,588
Department of Parks & Recreation	\$0	\$16,733	\$16,733
Finance & Administrative Services Department	\$0	\$13,395	\$13,395
Cumulative Reserve Subfund Direct Spending	\$3,445	\$0	\$3,445
<b>Total</b>	<b>\$16,033</b>	<b>\$38,940</b>	<b>\$54,973</b>

### Neighborhood Projects

#### **Support for Neighborhoods and Neighborhood Plan Projects**

The 2013-2018 Proposed CIP contains more than 133 projects, totaling approximately \$161 million, in support of neighborhood plans in 2013. 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<sup>1</sup>**

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.

<sup>1</sup> Formally known as the Neighborhood Street Fund/CRS Neighborhood Program – Small Projects

<b>2013 Neighborhood Projects Funds – Small Projects</b>				
<b>District Council</b>	<b>Project ID #</b>	<b>Project Description</b>	<b>Dept</b>	<b>CRS/NSF Amount</b>
Ballard	2012-109	Asphalt pathway between NW 89th St and NW 90th St	SDOT	\$ 87,000
<b>Subtotal Ballard</b>				<b>\$ 87,000</b>
Central	2012-074	Improve alley next to new park at E James Court and 12th Ave	Parks	\$ 64,000
<b>Subtotal Central</b>				<b>\$ 64,000</b>
Delridge	2012-009	Design multi-use path (construction funding TBD) on west side of Delridge Way SW, north of Andover St	SDOT	\$ 60,000
Delridge	2012-107	Improvements to pedestrian crossings at 16th Ave SW and Thistle Ave SW	SDOT	\$ 43,000
<b>Subtotal Delridge</b>				<b>\$ 103,000</b>
Downtown	2012-085	Replace driveway at Washington & First	SDOT	\$ 30,000
Downtown	2012-092	Sidewalk repairs near 700 Lane St	SDOT	\$ 68,500
<b>Subtotal Downtown</b>				<b>\$ 98,500</b>
East	2012-033	Sidewalk repair on Madison St	SDOT	\$ 51,000
East	2012-014	Improve the east edge of Woody Lane for the safety of walkers (28th Ave E & E Helen)	Parks	\$ 30,000
<b>Subtotal East</b>				<b>\$ 81,000</b>
Greater Duwamish	2012-120	Crossing improvements near Jefferson Park	SDOT	\$ 70,000
Greater Duwamish	2012-066	Curb ramp installation in Beacon Hill	SDOT	\$ 20,000
<b>Subtotal Greater Duwamish</b>				<b>\$ 90,000</b>
Lake Union	2012-027	Installation of a pedestrian/bicycle crosswalk at NE Pacific ST at Latona Ave NE	SDOT	\$ 50,000
Lake Union	2012-098	Improvements to alley bounded by Republican, Harrison, Minor and Fairview	SDOT	\$ 35,000
<b>Subtotal Lake Union</b>				<b>\$ 85,000</b>

## Overview

<b>2013 Neighborhood Projects Funds – Small Projects</b>				
<b>District Council</b>	<b>Project ID #</b>	<b>Project Description</b>	<b>Dept</b>	<b>CRS/NSF Amount</b>
Magnolia /QA	2012-052	Repairs and upgrades to Galer Stairs, east side of Queen Anne Ave N	SDOT	\$ 85,000
<b>Subtotal Magnolia/QA</b>				<b>\$ 85,000</b>
North	2012-096	Picnic shelter for the park at 1020 NE 82nd St	Parks	\$ 50,000
North	2012-019	Install senior exercise equipment at Hubbard Homestead Park	Parks	\$ 40,000
<b>Subtotal North</b>				<b>\$ 90,000</b>
Northeast	2012-053	Curb bulb and ramps at 47th Ave NE and NE 54th St	SDOT	\$ 53,000
Northeast	2012-118	Pedestrian crosswalk at 35th Ave NE at NE 80th St	SDOT	\$ 10,000
Northeast	2012-049	Signal installation at Sand Point Way NE at NE 52nd St	SDOT	\$ 30,000
<b>Subtotal Northeast</b>				<b>\$ 93,000</b>
Northwest	2012-051	Install a traffic circle and curb cuts at 72nd St NW and 1st Ave NW	SDOT	\$ 20,000
Northwest	2012-054	Crossing enhancements at NW 80th and NW 65th St	SDOT	\$ 75,000
<b>Subtotal Northwest</b>				<b>\$ 95,000</b>
Southeast	2012-073	Completion of phase II of construction of stairs in Charlestown St right of way between S Courtland Pl and 37th Ave S	SDOT	\$ 60,000
Southeast	2012-087	Improvement of intersection at S Hill St between 24th and Rainier Ave and Hill and Walker	SDOT	\$ 54,000
<b>Subtotal Southeast</b>				<b>\$ 114,000</b>
Southwest	2012-058	Improvements to streetscape on California Ave SW from SW Juneau Ave to SW Myrtle St	SDOT	\$ 12,000
Southwest	2012-077	Improve sidewalk at SW Cloverdale between Fauntleroy PL SW and 46th Ave SW	SDOT	\$ 39,000
Southwest	2012-021	Repave Lincoln Park tennis courts	Parks	\$ 63,500
<b>Subtotal Southwest</b>				<b>\$ 114,500</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 third, and final, round of project selection began in fall 2012, with design expected in 2013 and construction in 2014 and 2015. The following projects were constructed in 2012:

- Fairview Ave E and Fairview Ave N Intersection
- Maynard Ave S between S King Street and Weller Street
- Ravenna Ave NE between 85th Ave NE and Lake City Way
- NW 90<sup>th</sup> Street between 13<sup>th</sup> Avenue NW and 14<sup>th</sup> Avenue NW
- S Orcas Street between Beacon Ave S and 28<sup>th</sup> Avenue SW
- 25th Avenue SW between SW Brandon St and SW Findlay Street
- S Othello Street between Seward Park Ave S and Beacon Avenue S
- 33rd Avenue NE between NE 125th St and NE 130th St

### **Neighborhood Matching Subfund**

A number of CIP projects, particularly in the Department of Parks and Recreation CIP, include funding from the Neighborhood Matching Subfund (NMF), a subfund of the City's General Fund. The NMF was created 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 specific citywide initiatives such as Race and Social Justice, Youth Violence Prevention, Environment and Sustainability, and Neighborhood Planning. The total amount of funding awarded to groups ranges from a few thousand dollars up to \$100,000, and NMF funds are eligible to 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 by requiring organizations to match the City's contribution with volunteer labor, donated materials, professional services, or money. The Department of Neighborhoods (DON) administers the granting process.

For 2013 and 2014, the Neighborhood Matching Fund maintains previous funding levels for neighborhood projects. In addition, a "special designation" project type will be established to promote ethnic/cultural facility improvements with an additional \$100,000 being added in each year to specifically support these important projects. In creating a special designation project type and providing specific funding, the City underlines its desire for all people in Seattle to have access to safe and vibrant community-gathering places. Funds will be awarded through the Small and Simple Project Fund which awards projects of \$20,000 or less. Please see the Department of Neighborhoods section in the 2013-2014 Proposed Budget for additional information about NMF.

### **Art and Design Funding for City Capital Projects**

#### **One Percent for Art Program**

The One Percent for Art program, established by Seattle Municipal Code Chapter 20.32, requires that one percent of eligible CIP project budgets be deposited in the Municipal Arts Fund for the commission, purchase, and installation of artworks throughout Seattle. The Office of Arts and Cultural Affairs (OACA) manages the One Percent for Art program and the Municipal Art Fund. Public art projects funded through the One Percent for Art program are developed in the annual Municipal Art Plan (MAP), which is prepared by OACA. The MAP establishes the scope of work and budgets for new art projects and describes the status of ongoing public art projects.

Municipal Art Fund revenues from the One Percent for Art program can fluctuate significantly from year-to-year depending on changes in City capital investments. In 2013, the Municipal Art Fund is expected to

receive approximately \$2.1 million from capital departments for the One Percent for Art program, as described below.

<b>One Percent for Art Revenues</b>	<b>2011 Actuals</b>	<b>2012 Adopted</b>	<b>2013 Proposed</b>	<b>2014 Proposed</b>
City Light	\$192,085	\$303,073	\$374,785	\$345,022
Seattle Public Utilities	\$1,120,493	\$923,169	\$1,136,000	\$1,166,000
Finance & Admin. Services	\$58,740	\$140,099	\$14,651	\$8,650
Seattle Center	\$36,220	\$1,180	\$1,500	\$3,500
Parks & Recreation	\$353,430	\$184,540	\$148,710	\$35,000
Transportation	\$605,710	\$465,808	\$473,820	\$196,450
<b>Totals</b>	<b>\$2,366,678</b>	<b>\$2,017,869</b>	<b>\$2,149,466</b>	<b>\$1,754,622</b>

In addition to the One Percent for Art revenues identified above, OACA receives \$187,000 in 2013 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 articulates the City's commitment to environmental, economic and social

stewardship and sets the expectation that new municipal facilities meet established green building standards. Specifically, it calls 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, in 2013-2014:

- 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 smaller projects;
- Pilot projects are being pursued to test new approaches and standards, such as the Living Building Challenge and the Sustainable Sites Initiative;
- Guidelines, procedures, and responsibilities to facilitate implementation are being updated; and
- Annual reporting of performance under the policy and ongoing program evaluation is required.

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**

Development of the 2013-2018 Proposed CIP was informed by the City of Seattle's Comprehensive Plan, which had its required 10-year update in 2004. 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 2013, the City continues 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 will be adding additional staff dedicated to monitoring ADA compliance of new projects. These positions will be funded by capital projects.

### **Small and Economically-Disadvantaged Business Assistance**

The City continues to successfully address contracting equity for minority- and women-owned businesses (WMBE). In August 2011, FAS implemented a City-wide requirement on all public work bids and contracts above \$300,000 that has very effectively encouraged and enforced commitments by general contractors to use WMBE firms. FAS has also launched a major initiative to improve workforce diversity on public work projects. The first step was implementation of a Community Workforce Agreement for the Elliott Bay Seawall that includes unprecedented workforce diversity provisions; substantial work will continue throughout 2013-2014 and beyond.

### **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

## Overview

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 (DPR) vision 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." Achievement of this statement is manifest in a park system with 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, 27 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.

## Funding Sources

Funds for the development of the system and for ongoing asset management come from a variety of sources, including three levies, the Cumulative Reserve Subfund, the Shoreline Park Improvement Fund, Councilmanic debt, and many 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 Building 30 rentals is expected to pay most of the debt service for its renovation; and the General Fund covers debt service for the rest of the Pier 59 bonds and on other Parks-related bond funds.

### Levies

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, largely modeled after the successful 2000 Pro Parks Levy, 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 Seattle Asian Art Museum and the Langston Hughes Performing Arts Center, and an environmental category to provide funding for the Green Seattle Partnership, community gardens, trails, and improved shoreline access at street ends. An Opportunity Fund Category funds other community-identified projects. Through 2012, \$108 million has been appropriated from this Levy.

The 2000 Parks Levy was an eight-year, \$198.2 million levy that funded more than 100 projects to acquire, improve, and develop parks, playfields and trails, improve maintenance, increase environmental stewardship programs, and enhance recreational programming for teens and seniors. The Levy closely follows the plan forged by the Pro Parks 2000 Citizens Planning Committee. The remaining projects to be completed are the First Hill Park acquisition; development of First Hill and University Heights Parks; and three trail projects managed by the Seattle Department of Transportation. Any remaining funds in this Levy will be reallocated via the Opportunity Fund process.

### Cumulative Reserve Subfund

The basic funding for Parks' capital improvement program is the Cumulative Reserve Sub-Fund, (CRS) that is earmarked for asset management purposes. This funding is provided by revenues from Real Estate Excise Tax (REET) revenues. It is used to address various capital programs, such as boiler replacement, electrical system upgrades, small irrigation upgrades, small ballfield improvements, small roofing replacement, paving restoration, landscape and forest restoration, and others. It also funds replacement of aging ball field lighting systems and certain Aquarium infrastructure projects. In past years the REET

## Department of Parks and Recreation

revenues were such that the CRS funded a number of larger, individual projects related to asset management, but such funding is now in decline.

Historically, the CRS funding provided for a fairly significant number of individual projects to be undertaken each year to address the larger asset management needs. In the period from 2000 to 2006, the annual allocation of CRS funding ranged from nearly \$10 million to \$13 million; it was \$21 million in 2007 and \$22 million in 2008. Due to the downturn in the real estate market, REET revenues are depressed and consequently CRS funding has been in short supply.

### Shoreline Park Improvement Fund

The Shoreline Park Improvement Fund (SPIF) funded ten projects as a result of a \$5 million settlement from King County for mitigation of the West Point Treatment Plant at Discovery Park. These projects were identified in Ordinance 121488, and were the result of an extensive planning effort by several community organizations and Parks. These funds have accomplished several building and road demolitions and partially funded the purchase and restoration of the Capehart Housing property in Discovery Park.

### LTGO Bond Financing

Bond funding has been allocated for:

- Replacing the Rainier Beach Community Center and Swimming Pool. Construction began in 2011 and the project will be completed in 2013.
- Implementation of the Golf Master Plan that 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. These improvements are being phased over six years. Certain capital asset management work at the courses is also funded with direct golf revenues.
- Renovation of Magnuson Park Building 30 to bring it to code compliance.

## 2013-2018 CIP

The 2013-2018 Proposed CIP for Parks reflects a wide range of projects. With \$40.6 million appropriated in 2013, Parks will continue to have a robust capital improvement program, despite the economic downturn. The 2008 Parks Levy provides \$3.9 million of this funding, in addition to that already appropriated from the Levy in Parks' CIP since 2009. The Cumulative Reserve Subfund (CRS) provides a total of \$16.7 million, through a combination of \$3.7 million in REET I, \$9.3 million in REET II, and \$3.8 million in CRS-Unrestricted. Approximately \$3.7 million of the total CRS funding is budgeted for debt service.

Asset Management is a vital component of Parks' Capital Improvement Program, with \$18.1 million funded in 2013. The funding sources for capital maintenance are:

<b>Fund Source</b>	<b>2013 (Millions)</b>
Bonds	\$ 5.2
2008 Parks Levy	\$ 1.6
Grants and other	\$ 1.2
REET	\$ 10.1
<b>Total Major Maintenance Funding</b>	<b>\$18.1</b>

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

Capital maintenance 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.

Funding has been increased in 2013 and 2014 by \$500,000 for the Urban Forestry- Green Seattle Partnership project (GSP). The total 2013 funding will be \$1.4 million (\$1.1 million REET and \$330,000 Levy) and in 2014, funding will equal \$1.5 million (\$1.1 million REET and \$425,000 Levy). This is a significant increase over the 2012 funding of \$683,000 (\$583,000 REET and \$100,000 Levy).

Parks will use federal Community Development Block Grant (CDBG) funds for the Seattle Conservation Corps in 2013 and 2014 and for accessibility improvements in 2014. The Seattle Conservation Corps (SCC) executes Parks improvement projects in low to moderate-income neighborhoods, while at the same time provides training and employment for formerly homeless adults. In 2013, \$508,000 will be used to fund the SCC to improve approximately 15 parks. In 2014, the SCC program will be expanded with \$300,000 in additional CDBG funds, bringing the total to \$808,000, to improve approximately 25 parks.

In order to make parks more accessible to all residents, \$732,000 in CDBG funds will be used in 2014 to remove architectural and material barriers that restrict the mobility and accessibility of elderly or severely disabled persons in public facilities in parks throughout the City.

Seattle Aquarium major maintenance funding (\$1.2 million per year from REET through 2015) fulfills the \$8 million funding committed to in the 2010 transition agreement. As part of the agreement, the Aquarium reimburses the City for some of the debt service paid via CRS Unrestricted (\$1.3 million in 2013). In conjunction with the REET funded project to address Pier 60 corrosion and pier piling problems, 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."

The 2013 CIP also includes funding for the renovation and expansion of an existing parking facility at the Woodland Park Zoo. Per terms of the original management agreement between the City and the Zoo, the City is obligated to support the development of a parking facility at the Zoo. Costs are to be shared on a 75% City-25%Zoo basis. The Zoo estimates that the project will cost approximately \$2.7 million, and the City will cover 75%, or up to \$2 million. The project provides for the development of a 180 space parking lot on the West side of the Zoo to help reduce parking and congestion on neighborhood streets. It is budgeted in CRS-U.

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

- Acquisition of neighborhood parks and green spaces continues. To date, 5 Neighborhood Park Acquisitions have been completed, and a total of 27.6 acres have been added to the parks system (10.1 acquired and 17.5 via transfer of jurisdiction from other City Departments).
- The Development Category is winding down, with 42 of the 59 development projects completed and most of the rest underway in 2013. The three trail projects are being managed by the Seattle Department of Transportation.

## Department of Parks and Recreation

- Implementation of the environmental projects continues with restoration of forests, development of community gardens and increasing shoreline access. Per the recommendation of the Levy Oversight Committee, the \$1.4 million inflation adjustment for the Environmental Category is being appropriated in the 2013-2018 for Urban Forestry and Community Garden projects. (Note: These inflation adjustments were included in the previously indicated figures for levy funding for the Urban Forestry-Green Seattle Partnership).
- Approximately \$20.6 million has been allocated for Opportunity Fund projects through 2012. Thirteen development projects and two acquisitions were designated in the first round of the Opportunity Fund. Two play field renovations were funded with savings from the Playfield sub category and \$9.8 million was appropriated for 17 major maintenance projects with inflation reserve funding reallocated from the development category. Appropriations for projects from the second round of the Opportunity Fund are expected to be requested in late 2012.

Park development continues for reservoir lids at Maple Leaf, and West Seattle. Construction of the new Rainier Beach Community Center and Pool is expected to be completed in 2013. Also in 2013, the City 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 will be phased over six or more years.

The 2012 Adopted Budget and the 2012-2017 Adopted Capital Improvement Program (CIP) included funding for the first of two phases of improvements planned for Building 30 at Magnuson Park. The first phase was planned for 2012, with the second phase following in 2015. However, in early 2012, the decision was made to proceed with both phases of the project in 2012 and 2013 rather than in two separate phases. This option provides construction efficiencies and lowers overall borrowing costs for the project.

The total cost to fully renovate the building is approximately \$8.6 million. Improvements will include exiting upgrades, seismic upgrades, installation of fire suppression sprinklers and fire alarm systems in the hangar and buildings east and west wings, as well as lighting, heating and ventilation upgrades, an elevator, and ADA toilet room upgrades, and other 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.

An additional \$1 million in REET funding will be used for shell and core renovations to stabilize building 18 in Magnuson Park.

One remaining 2000 Pro Parks Levy acquisition remains to be completed.

In 2013, several projects are being consolidated in other BCLs to streamline the CIP. The changes include:

- The Debt Service and Contract Obligation BCL has been renamed the Debt Service and Special Funding BCL, and four projects have been moved here (Gas Works Park – Remediation, Golf - Capital Improvements, Golf Master Plan Implementation, and Puget Park - Environmental Remediation).
- The Parks Upgrade Program project has been moved from its own BCL to the Parks Infrastructure BCL.

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

- The Opportunity Fund Acquisitions- 2008 Parks Levy project has been moved from its own BCL to the renamed 2008 Parks Levy- Opportunity Fund BCL which now includes all Opportunity Fund projects.

### Summary of Upcoming Budget Issues and Challenges

At the most fundamental level, 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 current Parks Asset Management Plan identifies \$240 Million in needed improvements over the next six years, with much of that work actually considered a backlog due to deferred maintenance over the years. Recent allocations of CRS funds have provided funding for programs as described above, and only a small handful of individual capital projects. The park levies have provided for some degree of reinvestment in park facilities (e.g., the redevelopment of 23 of the oldest play areas with the current levy), but many critical infrastructure needs, especially those that are off-view from the public, such as roofs, water and sewer systems, and the like have gone unaddressed.

Parks also has several very large assets that are in need of attention but are beyond the capacity of the typical annual outlay of CRS funding. Waterfront Park is deteriorated and load limits placed on its use. The metal reinforcement of the concrete promenade and gallery structures are so deteriorated as to make them 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 to remove most of this structure and re-build areas adjacent to the Aquarium while also improving near shore marine habitat at this location. The high costs of addressing these assets and the ongoing public debate about the future Alaskan Way Viaduct and seawall have combined to defer attention to these matters. The Seawall Bond issue may include 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.

Equally troublesome to the saltwater piers is the collection of large and aging buildings at Magnuson Park owned by Parks and that at one time were part of the old Sand Point Naval Air Station. While tenants have been found for several buildings that have been or are proposed for renovation, others have not. Only a part of Building 2 is used by the Seattle Conservation Corps; the two large hangars are empty. Portions of the roof on Building 18 have collapsed, and the building is dangerous to enter. Building 138 is occupied by several tenants but is in deteriorated condition. Over \$50 million would be needed to address code deficiencies in these buildings. Their removal is possible but would involve serious discussions about the City's obligations to support an historic district.

### Thematic Priorities

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

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

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

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

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

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

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

### Project Selection Criteria

Parks' project selection process for the capital improvement program is founded in two basic approaches. First, for the various levy projects, projects are implemented essentially 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. Projects are identified 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, the AMP is reviewed and updated. While Parks planning staff prepares and coordinates the Asset Management Planning process and document development, the process involves a collaborative approach throughout the Department. These resources are used to develop information 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. The following six criteria are used to rank the projects:

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

## 2013 - 2018 Proposed Capital Improvement Program



## Department of Parks and Recreation

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).

As indicated in the preceding section, the application of these criteria results in project lists that first address code and life safety issues. These could include ADA improvements, roof replacement, seismic upgrades, and piling replacement, among other types of code and life safety issues. If there are sufficient funds available, the next highest priorities are facility integrity-related projects. Protection of the exterior “skin” of a building by replacing roofs, walls, and windows will maintain the viability of the facility and ensure its usefulness for programs and staff. The Green Lake Community Center/Evans Pool Roof Replacement and Solar Hot Water is an example of such a project. Other investments that extend the life of the building such as renovation or replacement of electrical, plumbing, and heating systems are also given priority. Work that reduces operating and maintenance costs or produces water and energy savings are also priorities. Finally, if a project leverages other funds or should be done in the biennium such as planned turf replacements are the next priorities.

### Aligning Infrastructure with Planned Growth

Both the 2000 Pro Parks Levy and the 2008 Parks and Green Spaces Levy have allowed for investment in the City’s Urban Villages. Criteria used to allocate Opportunity Funds provide by these levies focused expenditures in underserved parts of Seattle. At the outset of that levy, money was set aside in the Opportunity Fund to acquire parkland on First Hill, University, and International District where there was little parkland to serve resident populations of those neighborhoods. A “gap analysis” was used to identify areas of these and other urban villages that were deficient in open space and led to other acquisition and subsequent park development in the Ballard, Fremont, and Belltown urban villages.

An update of the Gap Analysis formed the basis for neighborhood park acquisition for the 2008 Parks and Green Spaces Levy, in which \$24 Million is allocated to acquire new parkland in any of the 18 urban villages projected to meet less than 50% of the City’s open space goals by 2024. To date, new parkland has been acquired in Capitol Hill, Fremont, and Lake City urban villages and property acquisition is being pursued in several others, including the International District, Bitter Lake and North Rainier urban villages.

Parks has leased commercial property in Belltown for a new community center for the northerly part of downtown Seattle. Belltown is already the City’s most dense Urban Center Village and is projected to be the densest in 2024 in terms of numbers of households per acre.

It should be noted that while the creation of new parks is focused on meeting needs as expressed in the Gap Analysis and focused in the City’s urban villages, the vast majority of future capital needs will be on maintenance of existing assets. Seattle’s parks tend to be sited predominantly in single family residential

## Department of Parks and Recreation

areas away from the denser downtown neighborhoods/urban villages due to the historical development of the City. These parks, including Seattle's flagship Olmsted era parks (Seward, Volunteer, Green Lake, and other Parks), as well as newer Discovery Park and Cal Anderson Park are dispersed throughout the entire city. Many parks with major maintenance needs are in areas of Seattle that are experiencing growth, even though they are outside of urban villages.

### Future Projects/What is on the Horizon

Not addressed in the six-year CIP, but addressed in previous section of this paper are both the need for increased funding for basic and ongoing asset management throughout the park system as well as resolving very high costs issues associated with development of the Central Waterfront, replacement of the saltwater piers on the City's central waterfront (to the extent not covered by the Seawall project) and the various aging buildings at Magnuson Park.

Continued deterioration of saltwater piers and some of the Magnuson Park buildings will likely mean that restrictions to any use may ultimately be needed if renovation or replacement cannot be undertaken, followed by demolition at some point.

Investments in modifications to make our parks, community centers and swimming pools will continue to be needed for full compliance with the Americans for Disabilities Act.

Priority unfunded capital needs for Parks include sewer and storm drain line replacements, path and parking lot paving, and other work as detailed in the Asset Management Plan. Some of these may be addressed if sufficient CRS funding is available in the next biennium. Funding is needed to continue to meet public expectations for ongoing and expanded forest restoration under the Green Seattle Partnership as was planned in recent years. And, as synthetic turf ballfield surfaces age and deteriorate, they will need to be replaced. While much less costly than initial installation, their replacement is needed on an approximately 10-year cycle.

# Department of Parks and Recreation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
<b>1999 Community Center Improvements</b>									<b>K72654</b>
Belltown Neighborhood Center (K73484)	268	1,756	0	0	0	0	0	0	2,024
<b>1999 Community Center Improvements</b>	268	1,756	0	0	0	0	0	0	2,024
<b>2000 Parks Levy - Acquisition Opportunity Fund</b>									<b>K723007</b>
12th Avenue Square Park Development - Pro Parks (Formerly 12th Avenue Park) (K733239-02)	156	584	0	0	0	0	0	0	740
<b>2000 Parks Levy - Acquisition Opportunity Fund</b>	156	584	0	0	0	0	0	0	740
<b>2000 Parks Levy - Neighborhood Park Acquisitions</b>									<b>K723001</b>
Neighborhood Park Acquisitions General (K733001)	227	5,695	0	0	0	0	0	0	5,922
<b>2000 Parks Levy - Neighborhood Park Acquisitions</b>	227	5,695	0	0	0	0	0	0	5,922
<b>2000 Parks Levy - Neighborhood Park Development</b>									<b>K723003</b>
First Hill Park Development (K733082)	1	598	0	0	0	0	0	0	599
University Heights Open Space Improvements (K733124)	76	178	0	0	0	0	0	0	254
<b>2000 Parks Levy - Neighborhood Park Development</b>	77	776	0	0	0	0	0	0	853
<b>2000 Parks Levy - Opportunity Fund</b>									<b>K723008</b>
Magnuson Park Wetlands and Shore Ponds (K733277)	974	310	0	0	0	0	0	0	1,284
<b>2000 Parks Levy - Opportunity Fund</b>	974	310	0	0	0	0	0	0	1,284
<b>2008 Parks Levy - P-Patch Development</b>									<b>K720031</b>
Community Food Gardens and P-Patches (K730031)	969	1,031	427	0	0	0	0	0	2,427
<b>2008 Parks Levy - P-Patch Development</b>	969	1,031	427	0	0	0	0	0	2,427
<b>2008 Parks Levy- Cultural Facilities</b>									<b>K720021</b>
Seattle Asian Art Museum Renovation (K730122)	0	4,500	0	0	4,500	0	0	0	9,000
<b>2008 Parks Levy- Cultural Facilities</b>	0	4,500	0	0	4,500	0	0	0	9,000

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
<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)	2,575	725	330	426	427	0	0	0	4,483
Urban Forestry - Kiwanis Ravine Restoration (K730137)	309	291	0	0	0	0	0	0	600
<b>2008 Parks Levy- Forest &amp; Stream Restoration</b>	<b>2,884</b>	<b>1,016</b>	<b>330</b>	<b>426</b>	<b>427</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,083</b>
<b>2008 Parks Levy- Green Space Acquisition</b>					<b>BCL/Program Code:</b>				<b>K720011</b>
Donations- Green Space (K730139)	25	25	0	0	0	0	0	0	50
Green Space Acquisitions- 2008 Parks Levy (K730011)	3,178	1,847	750	95	0	0	0	0	5,870
<b>2008 Parks Levy- Green Space Acquisition</b>	<b>3,203</b>	<b>1,872</b>	<b>750</b>	<b>95</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,920</b>
<b>2008 Parks Levy- Major Parks</b>					<b>BCL/Program Code:</b>				<b>K720023</b>
Jefferson Park Development- 2008 Parks Levy (K730129)	3,218	1,824	0	0	0	0	0	0	5,042
Major Parks- 2008 Parks Levy (K730023)	14	20	0	0	0	0	0	0	34
Washington Park Arboretum Improvements- 2008 Parks Levy (K730132)	1,168	1,658	78	0	0	0	0	0	2,904
<b>2008 Parks Levy- Major Parks</b>	<b>4,400</b>	<b>3,502</b>	<b>78</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,980</b>
<b>2008 Parks Levy- Neighborhood Park Acquisition</b>					<b>BCL/Program Code:</b>				<b>K720010</b>
Neighborhood Park Acquisitions- 2008 Parks Levy (K730010)	4,801	7,609	300	300	300	300	300	300	14,210
<b>2008 Parks Levy- Neighborhood Park Acquisition</b>	<b>4,801</b>	<b>7,609</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>14,210</b>
<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>					<b>BCL/Program Code:</b>				<b>K720020</b>
14th Avenue NW Park Boulevard Development (NW 58th to NW 62nd) (K730176)	0	2,670	0	0	0	0	0	0	2,670
Bell Street Park Boulevard Development (K730138)	648	2,852	0	0	0	0	0	0	3,500
Cedar Park Renovation (K730084)	0	0	500	0	0	0	0	0	500
Gas Works Park Play Area Renovation (K730089)	0	20	400	1,000	0	0	0	0	1,420

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Highland Park (Wading Pool #3) Spray Park Development (K730118)	30	572	0	0	0	0	0	0	602
Hing Hay Park Development (K730091)	0	0	500	2,500	0	0	0	0	3,000
Hubbard Homestead Park (Northgate) Development-2008 Parks Levy (K730105)	1,804	488	0	0	0	0	0	0	2,292
Judkins Skatespot Development (K730094)	65	535	0	0	0	0	0	0	600
Laurelhurst Playfield Play Area Renovation (K730095)	0	400	0	0	0	0	0	0	400
Maple Leaf Play Area Renovation (K730098)	55	395	0	0	0	0	0	0	450
Maple Leaf Reservoir Park Development (K730099)	509	4,568	0	0	0	0	0	0	5,077
Marra-Desimone Park Development (K730100)	0	0	100	1,000	0	0	0	0	1,100
Montlake Playfield Play Area Renovation (K730102)	0	550	0	0	0	0	0	0	550
Neighborhood Parks & Playgrounds- 2008 Parks Levy (K730020)	127	311	0	0	0	0	0	0	438
Othello Park Improvements (K730106)	119	487	0	0	0	0	0	0	606
Queen Anne Off Leash Park Development (K730108)	6	64	0	0	0	0	0	0	70
Roxhill Park Play Area Renovation (K730111)	64	386	0	0	0	0	0	0	450
Roxhill Park Skatespot Development (K730112)	60	540	0	0	0	0	0	0	600
Victor Steinbrueck Park Renovation (K730115)	0	0	400	1,200	0	0	0	0	1,600
Volunteer Park Play Area Renovation (K730116)	87	713	0	0	0	0	0	0	800
West Seattle Reservoir Park Development (K730119)	485	2,970	0	0	0	0	0	0	3,455
Woodland Park Play Area Renovation (K730120)	0	350	0	0	0	0	0	0	350
<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>	<b>4,059</b>	<b>18,871</b>	<b>1,900</b>	<b>5,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,530</b>

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
<b>2008 Parks Levy- Opportunity Fund</b>									<b>K720041</b>
12th Avenue Square Park Development - 2008 Parks Levy (formerly East James Court) (K730145)	60	440	0	0	0	0	0	0	500
Ballard Community Center Roof Replacement (K730159)	0	635	0	0	0	0	0	0	635
Beacon Hill Playground Comfort Station Renovation (K730160)	0	200	0	0	0	0	0	0	200
Beaver Pond Natural Area at Thorton Creek (formerly Thorton Creek Park #6) Restoration (K730152)	57	443	0	0	0	0	0	0	500
Bitter Lake Reservoir Park Renovation (K730144)	34	253	0	0	0	0	0	0	287
Comfort Station Renovations- 2008 Parks Levy (K730161)	0	300	0	0	0	0	0	0	300
East John Street Open Space Development (K730148)	1	259	0	0	0	0	0	0	260
Evers Pool Roof Repairs (K730162)	0	1,600	0	0	0	0	0	0	1,600
Fairmount Playfield Comfort Station Renovation (K730163)	0	200	0	0	0	0	0	0	200
Garfield Community Center Roof Replacement (K730165)	0	465	0	0	0	0	0	0	465
Jimi Hendrix Park Improvements (K730146)	1	499	0	0	0	0	0	0	500
John Muir Elementary Playground Improvements (K730147)	9	261	0	0	0	0	0	0	270
Lewis Park Reforestation (K730149)	65	195	0	0	0	0	0	0	260
Lower Kinnebar Park Renovation (K730150)	31	719	0	0	0	0	0	0	750
Lower Woodland Playfield Tennis Court Lights Replacement (K730167)	0	310	0	0	0	0	0	0	310
Loyal Heights Boiler And Electrical System Replacement (K730168)	0	852	0	0	0	0	0	0	852
Madrona Playground Shelterhouse Restrooms Renovation (K730169)	0	200	0	0	0	0	0	0	200
Matthews Beach Park Bathhouse Renovation (K730170)	0	350	0	0	0	0	0	0	350

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
McGilvra Place Renovation (K730151)	41	323	0	0	0	0	0	0	364
Opportunity Fund Acquisitions- 2008 Parks Levy (K730040)	515	503	0	0	0	0	0	0	1,018
Opportunity Fund Planning- 2008 Parks Levy (K730042)	225	250	0	0	0	0	0	0	475
Queen Anne Pool Plaster Liner Replacement (K730171)	0	140	0	0	0	0	0	0	140
Rainier Beach Playfield Play Area Renovation (K730172)	0	300	0	0	0	0	0	0	300
Rainier Beach Playfield Tennis Courts and Lighting Replacement (K730173)	0	1,300	0	0	0	0	0	0	1,300
Rainier Beach Urban Farm and Wetlands Improvements (K730153)	14	486	0	0	0	0	0	0	500
Santos Rodriguez Memorial Park (El Centro de la Raza) Play Area Improvements (K730154)	39	311	0	0	0	0	0	0	350
Seward Park Water System Replacement (K730174)	0	2,200	0	0	0	0	0	0	2,200
Troll's Knoll (Aurora Avenue N. and N 36th St.) Park Development (K730155)	2	683	0	0	0	0	0	0	685
University Heights - South Lot Development (K730156)	5	742	0	0	0	0	0	0	747
Van Asselt Community Center Gym Roof Replacement (K730175)	0	225	0	0	0	0	0	0	225
Washington Park Playfield Renovation (K730158)	153	2,247	0	0	0	0	0	0	2,400
<b>2008 Parks Levy- Opportunity Fund</b>	1,252	17,891	0	0	0	0	0	0	19,143
<b>2008 Parks Levy- Shoreline Access</b>									<b>BCL/Program Code: K720032</b>
Shoreline Access- Street Ends (K730032)	161	189	75	75	0	0	0	0	500
<b>2008 Parks Levy- Shoreline Access</b>	161	189	75	75	0	0	0	0	500
<b>Ballfields/Athletic Courts/Play Areas</b>									<b>BCL/Program Code: K72445</b>
Ballfield Lighting Replacement Program (K732310)	2,405	336	277	831	500	500	500	500	5,849
Ballfields - Minor Capital Improvements (K732415)	192	78	50	50	50	50	50	50	570

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Bobby Morris Playfield Turf Replacement (K732452)	0	0	0	0	0	0	802	0	802
Georgetown Playfield Turf Replacement (K732456)	0	0	0	0	0	0	0	870	870
Interbay Stadium Synthetic Turf Replacement (K732451)	0	0	0	610	0	0	0	0	610
Lower Woodland PF #1 Infield Turf Replacement (K732447)	0	0	305	0	0	0	0	0	305
Loyal Heights Playfield Turf Replacement (K732465)	0	0	0	0	0	0	1,069	0	1,069
Play Area Renovations (K732468)	0	0	0	0	0	0	1,000	1,000	2,000
Play Area Safety Program (K732403)	223	97	120	120	150	150	150	150	1,160
Pratt Park Water Feature Renovation (K732469)	0	0	171	514	0	0	0	0	685
Queen Anne Bowl Playfield Turf Replacement (K732470)	0	0	0	0	0	0	0	480	480
Tennis & Basketball Court Renovation Program (K732404)	96	104	50	50	100	100	100	100	700
<b>Ballfields/Athletic Courts/Play Areas</b>	2,916	615	973	2,175	800	800	3,671	3,150	15,100
<b>Building Component Renovations</b>									
							<b>BCL/Program Code:</b>		<b>K72444</b>
ADA Compliance - Parks (K732434)	2	629	708	732	0	0	0	0	2,071
Boiler and Mechanical System Replacement Program (K732306)	541	513	175	175	175	175	175	175	2,104
Comfort Station Renovations (K732453)	0	0	0	0	115	131	600	526	1,372
Crew Quarters Replacement (Magnuson Park) (K732424)	0	258	0	500	0	0	0	0	758
David Rodgers Park Comfort Station Sewer Replacement (K732450)	0	0	50	0	0	0	0	0	50
Denny Park Administration Building Roof Replacement (K732425)	0	710	0	0	0	0	0	0	710
Electrical System Replacement Program (K732307)	478	437	150	150	150	150	150	150	1,815
Emergency Shelter Generator Renovations (K732440)	0	500	0	0	0	0	0	0	500

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Gilman Playground Shelterhouse Sewer Replacement (K732457)	0	0	0	122	0	0	0	0	122
Green Lake CC - Evans Pool Roof Replacement & Solar Hot Water (K732448)	0	0	334	1,338	0	0	0	0	1,672
Green Lake Community Center Electrical and Mechanical Renovation (K732459)	0	0	0	0	354	862	0	0	1,216
Hiawatha Community Center Renovation (K732461)	0	0	0	0	298	895	0	0	1,193
HVAC System Duct Cleaning Program - Large Buildings (K732421)	62	43	35	35	35	35	35	35	315
Jefferson Community Center Renovation (K732462)	0	0	0	0	0	0	0	661	661
Jefferson Community Center Seismic Renovation (K732393)	95	1,429	123	0	0	0	0	0	1,647
Loyal Heights Community Center Renovation (K732464)	0	0	0	0	551	1,317	0	0	1,868
Magnuson Building #2 Partial Roof and Seismic Repairs (K732466)	0	0	0	0	0	0	1,230	316	1,546
Magnuson Park Building #406 Roof Replacement (K732467)	0	0	0	186	1,352	0	0	0	1,538
Magnuson Park Building 18 Renovation (K732389)	25	3	1,000	0	0	0	0	0	1,028
Magnuson Park Building 30 Renovation (K732442)	0	3,363	5,215	0	0	0	0	0	8,578
Magnuson Park Electrical System Renovation (K732445)	0	0	753	927	0	0	0	0	1,680
Municipal Energy Efficiency Program - Parks (K732433)	51	912	0	0	0	0	0	0	963
North Service Shops (Densmore) Roof Replacement (K732446)	0	0	478	0	0	0	0	0	478
Rainier Beach Community Center Redevelopment (K732337)	3,349	15,024	6,600	0	0	0	0	0	24,973
Riverview Playfield Comfort Station Renovation (K732328)	93	431	0	0	0	0	0	0	524
Roof & Building Envelope Program (K732420)	241	261	225	225	350	350	350	350	2,352

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Seattle Asian Art Museum Restoration (K732369)	819	1,281	0	0	0	0	0	0	2,100
Utility Conservation Program (K732336)	1,642	358	355	355	355	355	355	355	4,130
Volunteer Park Conservatory Renovation (K732443)	0	0	922	2,078	0	0	0	0	3,000
<b>Building Component Renovations</b>	7,398	26,152	17,123	6,823	3,735	4,270	2,895	2,568	70,964
<b>Citywide and Neighborhood Projects</b>									<b>BCL/Program Code: K72449</b>
Landscape Restoration Program (K732402)	849	441	430	430	430	430	430	430	3,870
Neighborhood Capital Program (K732376)	443	77	248	0	0	0	0	0	768
Neighborhood Response Program (K732416)	305	332	200	200	250	250	250	250	2,037
Skatepark Plan Implementation (K732365)	356	19	0	0	0	0	0	0	375
Trails Renovation Program (K732419)	650	325	325	325	350	350	350	350	3,025
<b>Citywide and Neighborhood Projects</b>	2,603	1,194	1,203	955	1,030	1,030	1,030	1,030	10,075
<b>Debt and Special Funding</b>									<b>BCL/Program Code: K72440</b>
Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service (K732283)	10,111	2,660	2,812	3,174	3,321	1,730	1,728	1,732	27,268
Gas Works Park - Remediation (K73582)	1,225	92	210	400	560	1,360	2,400	2,900	9,147
Golf - Capital Improvements (K732407)	162	2,057	0	0	0	100	100	100	2,519
Golf Master Plan Implementation (K732391)	906	6,306	7,371	0	0	0	0	0	14,583
Hubbard Homestead Park (Northgate) Acquisition- Debt Service (K732321)	784	241	241	239	239	242	241	243	2,470
Parks Maintenance Facility Acquisition - Debt Service (K73502)	7,182	654	641	619	561	563	562	561	11,343
Puget Park - Environmental Remediation (K73127)	224	230	0	0	0	0	0	0	454
<b>Debt and Special Funding</b>	20,594	12,240	11,275	4,432	4,681	3,995	5,031	5,536	67,784
<b>Docks/Piers/Floats/Seawalls/Shorelines</b>									<b>BCL/Program Code: K72447</b>
Aquarium Major Maintenance Commitment (K732436)	0	705	0	849	1,124	0	0	0	2,678

*\*Amounts in thousands of dollars*

### 2013 - 2018 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>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Aquarium Pier 60 Piling and Corrosion Renovation (K732382)	443	2,749	1,122	273	0	0	0	0	4,587
Beach Restoration Program (K732303)	518	62	25	25	25	25	25	25	730
Boat Moorage Restoration (K732408)	57	113	60	60	60	60	60	60	530
Emma Schmitz Sea Wall Replacement (K732454)	0	0	0	0	700	0	0	0	700
Green Lake Park Alum Treatment (K732460)	0	0	0	0	0	0	484	1,016	1,500
<b>Docks/Piers/Floats/Seawalls/ Shorelines</b>	<b>1,018</b>	<b>3,629</b>	<b>1,207</b>	<b>1,207</b>	<b>1,909</b>	<b>85</b>	<b>569</b>	<b>1,101</b>	<b>10,725</b>
<b>Forest Restoration</b>									<b>BCL/Program Code: K72442</b>
Colman Park - Trees Settlement (K732204)	348	27	0	0	0	0	0	0	375
Seward Park Forest Restoration (K732367)	542	69	98	101	104	111	114	114	1,253
Urban Forestry - Forest Restoration Program (K732410)	315	203	186	186	200	200	200	200	1,690
Urban Forestry - Green Seattle Partnership (K732340)	3,417	689	1,083	1,083	1,597	1,700	1,700	1,700	12,969
Urban Forestry - Tree Replacement (K732339)	895	118	95	95	95	95	95	95	1,583
Urban Forestry- West Duwamish Restoration (K732431)	89	411	0	0	0	0	0	0	500
<b>Forest Restoration</b>	<b>5,606</b>	<b>1,517</b>	<b>1,462</b>	<b>1,465</b>	<b>1,996</b>	<b>2,106</b>	<b>2,109</b>	<b>2,109</b>	<b>18,370</b>
<b>Parks Infrastructure</b>									<b>BCL/Program Code: K72441</b>
Environmental Remediation Program (K732401)	219	120	100	75	100	100	100	100	914
Fountain Discharge Retrofit (K732444)	0	500	0	0	0	0	0	0	500
Golden Gardens Park Drainage Renovation (K732458)	0	0	0	0	0	0	0	438	438
Irrigation Replacement and Outdoor Infrastructure Program (K732406)	283	347	200	200	300	300	300	300	2,230
Lake Union Park Walkway Renovations (K732463)	0	0	0	0	350	0	0	0	350
Parks Upgrade Program (K732422)	1,016	508	508	808	808	808	808	808	6,072

\*Amounts in thousands of dollars

### 2013 - 2018 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>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Pavement Restoration Program (K732418)	359	887	234	200	400	400	400	400	3,280
SR 520 Bridge Replacement and HOV Project Mitigation (K732435)	161	539	112	0	0	0	0	0	812
Zoo Parking Garage Development (K732471)	0	0	2,000	0	0	0	0	0	2,000
<b>Parks Infrastructure</b>	2,038	2,901	3,154	1,283	1,958	1,608	1,608	2,046	16,596
<b>Pools/Natatorium Renovations</b>									<b>BCL/Program Code: K72446</b>
Meadowbrook Pool Plaster Liner Replacement (K732441)	0	16	125	0	0	0	0	0	141
Pool Plaster Liner Replacements (K732455)	0	0	0	0	0	0	0	200	200
<b>Pools/Natatorium Renovations</b>	0	16	125	0	0	0	0	200	341
<b>West Point Settlement Projects</b>									<b>BCL/Program Code: K72982</b>
Discovery Park - Capehart Site Restoration (K731242)	276	324	0	0	0	0	0	0	600
Discovery Park - Contingency and Opportunity Fund (K731241)	233	22	190	0	0	0	0	0	445
Discovery Park North Parking Lot Renovation (K732437)	0	500	0	0	0	0	0	0	500
Discovery Park Water Line Modification and North Forest Road Removal (K732439)	0	250	0	0	0	0	0	0	250
Shoreline and Dock Restoration (K732438)	0	60	0	0	0	0	0	0	60
<b>West Point Settlement Projects</b>	509	1,156	190	0	0	0	0	0	1,855
<b>Department Total*:</b>	66,113	115,022	40,572	24,936	21,336	14,194	17,213	18,040	317,426

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Fund Summary

Fund Name & Code	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
1999 Seattle Center/Community Centers Fund (33800)	268	1,756	0	0	0	0	0	0	2,024
2000 Parks Levy Fund (33850)	1,369	6,931	0	0	0	0	0	0	8,300
2002 LTGO Project (34760)	233	0	0	0	0	0	0	0	233
2008 Parks Levy Fund (33860)	21,729	56,481	3,860	6,596	5,227	300	300	300	94,793
2009 Multipurpose LTGO Bond Fund (35300)	2,979	4,021	0	0	0	0	0	0	7,000
2010 Multipurpose LTGO Bond Fund (35400)	308	554	0	0	0	0	0	0	862
2011 Multipurpose LTGO Bond Fund (35500)	872	6,155	0	0	0	0	0	0	7,027
2012 Multipurpose LTGO Bond Fund (35600)	0	14,390	0	0	0	0	0	0	14,390
2013 Multipurpose LTGO Bond Fund (35700)	0	0	19,186	0	0	0	0	0	19,186
Beach Maintenance Trust Fund (61500)	294	26	25	25	25	25	25	25	470
Community Development Block Grant Fund (17810)	0	0	508	1,540	808	808	808	808	5,280
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	13,447	2,341	3,677	5,753	2,397	805	803	804	30,027
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	17,897	13,994	9,281	8,105	10,871	11,674	14,692	15,514	102,028
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	4,065	7,194	3,775	2,917	2,008	582	585	589	21,715
Emergency Subfund (00185)	20	0	0	0	0	0	0	0	20
Gasworks Park Contamination Remediation Fund (10220)	1,102	20	70	0	0	0	0	0	1,192
General Subfund (00100)	136	3	0	0	0	0	0	0	139
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
Shoreline Park Improvement Fund (33110)	509	1,156	190	0	0	0	0	0	1,855
To Be Determined (TBD)	0	0	0	0	0	0	0	0	0
<b>Department Total*:</b>	<b>66,113</b>	<b>115,022</b>	<b>40,572</b>	<b>24,936</b>	<b>21,336</b>	<b>14,194</b>	<b>17,213</b>	<b>18,040</b>	<b>317,426</b>

*\*Amounts in thousands of dollars*

### 2013 - 2018 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>	Q3/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	60	440	0	0	0	0	0	0	500
<b>Total:</b>	60	440	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	60	440	0	0	0	0	0	0	500
<b>Total*:</b>	60	440	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			5	9	10	10	10	11	55
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		28	412	0	0	0	0	0	440
<b>Total:</b>		28	412	0	0	0	0	0	440

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

### 2013 - 2018 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>	Q3/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	65	434	0	0	0	0	0	0	499
Street Vacations	91	150	0	0	0	0	0	0	241
<b>Total:</b>	156	584	0	0	0	0	0	0	740
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	65	434	0	0	0	0	0	0	499
2000 Parks Levy Fund	91	150	0	0	0	0	0	0	241
<b>Total*:</b>	156	584	0	0	0	0	0	0	740
<b>O &amp; M Costs (Savings)</b>			26	26	27	27	28	28	162
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		28	406	0	0	0	0	0	434
2000 Parks Levy Fund		0	150	0	0	0	0	0	150
<b>Total:</b>		28	556	0	0	0	0	0	584

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### 2013 - 2018 Proposed Capital Improvement Program



## Department of Parks and Recreation

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

<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>	Q3/2012
<b>Project ID:</b>	K730176	<b>End Date:</b>	Q4/2014
<b>Location:</b>	14th AVE NW/NW 58th ST/NW 62nd 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 develops 14th Avenue NW between NW 58th and NW 62nd as a Park Boulevard. After transfer of jurisdiction for this portion of 14th Avenue NW from the Seattle Department of Transportation to the Seattle Department of Parks and Recreation, a new park space will be created for the Ballard neighborhood. The Park Boulevard will provide usable park space while continuing to provide two traffic lanes and reduced parking. This project is part of the 2008 Parks Levy.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	2,670	0	0	0	0	0	0	2,670
<b>Total:</b>	0	2,670	0	0	0	0	0	0	2,670
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	2,670	0	0	0	0	0	0	2,670
<b>Total*:</b>	0	2,670	0	0	0	0	0	0	2,670
<b>O &amp; M Costs (Savings)</b>			0	12	27	28	28	29	124
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		170	700	1,800	0	0	0	0	2,670
<b>Total:</b>		170	700	1,800	0	0	0	0	2,670

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

### 2013 - 2018 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 corrections of ADA deficiencies at a number of parks facilities as identified in a recent Department of Justice audit. 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	325	708	0	0	0	0	0	1,033
Real Estate Excise Tax I	2	304	0	0	0	0	0	0	306
Federal Community Development Block Grant	0	0	0	732	0	0	0	0	732
<b>Total:</b>	2	629	708	732	0	0	0	0	2,071
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	325	708	0	0	0	0	0	1,033
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2	304	0	0	0	0	0	0	306
Community Development Block Grant Fund	0	0	0	732	0	0	0	0	732
<b>Total*:</b>	2	629	708	732	0	0	0	0	2,071
<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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	5,154	1,633	1,561	1,618	1,617	1,559	1,557	1,557	16,256
Real Estate Excise Tax I	3,765	12	0	0	0	0	0	0	3,777
Private Funding/Donations	825	1,015	1,251	1,556	1,704	171	171	175	6,868
Private Funding/Donations	367	0	0	0	0	0	0	0	367
<b>Total:</b>	10,111	2,660	2,812	3,174	3,321	1,730	1,728	1,732	27,268

#### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	5,154	1,633	1,561	1,618	1,617	1,559	1,557	1,557	16,256
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,765	12	0	0	0	0	0	0	3,777
Cumulative Reserve Subfund - Unrestricted Subaccount	825	1,015	1,251	1,556	1,704	171	171	175	6,868
Parks and Recreation Fund	367	0	0	0	0	0	0	0	367
<b>Total*:</b>	10,111	2,660	2,812	3,174	3,321	1,730	1,728	1,732	27,268

<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
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#### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,575	1,619	1,618	1,617	1,559	1,557	1,557	11,102
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	12	0	0	0	0	0	0	12
Cumulative Reserve Subfund - Unrestricted Subaccount	1,009	1,257	1,556	1,704	171	171	175	6,043
<b>Total:</b>	2,596	2,876	3,174	3,321	1,730	1,728	1,732	17,157

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	705	0	849	1,124	0	0	0	2,678
<b>Total:</b>	0	705	0	849	1,124	0	0	0	2,678
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	705	0	849	1,124	0	0	0	2,678
<b>Total*:</b>	0	705	0	849	1,124	0	0	0	2,678
<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.*

### 2013 - 2018 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>	2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	443	2,749	1,122	273	0	0	0	0	4,587
<b>Total:</b>	443	2,749	1,122	273	0	0	0	0	4,587
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	443	2,749	1,122	273	0	0	0	0	4,587
<b>Total*:</b>	443	2,749	1,122	273	0	0	0	0	4,587
<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.*

### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	635	0	0	0	0	0	0	635
<b>Total:</b>	0	635	0	0	0	0	0	0	635
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	635	0	0	0	0	0	0	635
<b>Total*:</b>	0	635	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		70	565	0	0	0	0	0	635
<b>Total:</b>		70	565	0	0	0	0	0	635

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

### 2013 - 2018 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 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,405	336	277	831	500	500	500	500	5,849
<b>Total:</b>	2,405	336	277	831	500	500	500	500	5,849
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,405	336	277	831	500	500	500	500	5,849
<b>Total*:</b>	2,405	336	277	831	500	500	500	500	5,849
<b>O &amp; M Costs (Savings)</b>			11	11	11	11	12	12	68
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		300	313	831	500	500	500	500	3,444
<b>Total:</b>		300	313	831	500	500	500	500	3,444

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	83	67	50	50	50	50	50	50	450
King County Funds	109	11	0	0	0	0	0	0	120
Private Funding/Donations	0	0	0	0	0	0	0	0	0
<b>Total:</b>	192	78	50	50	50	50	50	50	570
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	83	67	50	50	50	50	50	50	450
Cumulative Reserve Subfund - Unrestricted Subaccount	109	11	0	0	0	0	0	0	120
<b>Total*:</b>	192	78	50	50	50	50	50	50	570
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
King County Funds	224	36	0	0	0	0	0	0	260
King County Funds	294	26	25	25	25	25	25	25	470
<b>Total:</b>	518	62	25	25	25	25	25	25	730
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	224	36	0	0	0	0	0	0	260
Beach Maintenance Trust Fund	294	26	25	25	25	25	25	25	470
<b>Total*:</b>	518	62	25	25	25	25	25	25	730
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Beacon Hill Playground 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>	Q2/2012
<b>Project ID:</b>	K730160	<b>End Date:</b>	Q1/2013
<b>Location:</b>	1902 13th 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>	Beacon Hill

This project, funded with the 2008 Parks Levy Inflation Adjustment funds,, renovates the comfort station 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	0	0	0	0	0	0	200
<b>Total:</b>	0	200	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	200	0	0	0	0	0	0	200
<b>Total*:</b>	0	200	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		185	15	0	0	0	0	0	200
<b>Total:</b>		185	15	0	0	0	0	0	200

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Beaver Pond Natural Area at Thorton Creek (formerly Thorton 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	57	443	0	0	0	0	0	0	500
<b>Total:</b>	57	443	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	57	443	0	0	0	0	0	0	500
<b>Total*:</b>	57	443	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			3	4	4	5	5	5	26
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		131	312	0	0	0	0	0	443
<b>Total:</b>		131	312	0	0	0	0	0	443

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	648	2,852	0	0	0	0	0	0	3,500
<b>Total:</b>	648	2,852	0	0	0	0	0	0	3,500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	648	2,852	0	0	0	0	0	0	3,500
<b>Total*:</b>	648	2,852	0	0	0	0	0	0	3,500
<b>O &amp; M Costs (Savings)</b>			121	123	125	128	130	133	760
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		51	2,801	0	0	0	0	0	2,852
<b>Total:</b>		51	2,801	0	0	0	0	0	2,852

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	268	1,756	0	0	0	0	0	0	2,024
<b>Total:</b>	268	1,756	0	0	0	0	0	0	2,024
<b>Fund Appropriations/Allocations</b>									
1999 Seattle Center/Community Centers Fund	268	1,756	0	0	0	0	0	0	2,024
<b>Total*:</b>	268	1,756	0	0	0	0	0	0	2,024
<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		1,100	130	130	130	131	146	123	1,890
<b>Total:</b>		1,100	130	130	130	131	146	123	1,890

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### 2013 - 2018 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>	Q1/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	34	253	0	0	0	0	0	0	287
<b>Total:</b>	34	253	0	0	0	0	0	0	287
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	34	253	0	0	0	0	0	0	287
<b>Total*:</b>	34	253	0	0	0	0	0	0	287
<b>O &amp; M Costs (Savings)</b>			9	15	15	15	15	15	84
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		179	74	0	0	0	0	0	253
<b>Total:</b>		179	74	0	0	0	0	0	253

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Concession Revenues	57	113	60	60	60	60	60	60	530
<b>Total:</b>	57	113	60	60	60	60	60	60	530
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	57	113	60	60	60	60	60	60	530
<b>Total*:</b>	57	113	60	60	60	60	60	60	530
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	802	0	802
<b>Total:</b>	0	0	0	0	0	0	802	0	802
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	802	0	802
<b>Total*:</b>	0	0	0	0	0	0	802	0	802
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	541	513	175	175	175	175	175	175	2,104
<b>Total:</b>	541	513	175	175	175	175	175	175	2,104
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	541	513	175	175	175	175	175	175	2,104
<b>Total*:</b>	541	513	175	175	175	175	175	175	2,104
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	500	0	0	0	0	0	500
<b>Total:</b>	0	0	500	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy 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
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	250	250	0	0	0	0	500
<b>Total:</b>		0	250	250	0	0	0	0	500

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**2013 - 2018 Proposed Capital Improvement Program**

**Department of Parks and Recreation**  
**Colman Park - Trees Settlement**

<b>BCL/Program Name:</b>	Forest Restoration	<b>BCL/Program Code:</b>	K72442
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/2003
<b>Project ID:</b>	K732204	<b>End Date:</b>	Q1/2013
<b>Location:</b>	1800 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 cleans up trees cut at Colman Park by a nearby landowner, removes invasive plants, re-plants trees, restores the site and performs other related work. Funding is provided as a result of a legal settlement with the landowner, and is intended to be used to alleviate the damage caused by the landowner.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Private Funding/Donations	348	27	0	0	0	0	0	0	375
<b>Total:</b>	348	27	0	0	0	0	0	0	375
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	348	27	0	0	0	0	0	0	375
<b>Total*:</b>	348	27	0	0	0	0	0	0	375
<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		20	7	0	0	0	0	0	27
<b>Total:</b>		20	7	0	0	0	0	0	27

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	115	131	600	526	1,372
<b>Total:</b>	0	0	0	0	115	131	600	526	1,372
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	115	131	600	526	1,372
<b>Total*:</b>	0	0	0	0	115	131	600	526	1,372
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	300	0	0	0	0	0	0	300
<b>Total:</b>	0	300	0	0	0	0	0	0	300
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	300	0	0	0	0	0	0	300
<b>Total*:</b>	0	300	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		180	120	0	0	0	0	0	300
<b>Total:</b>		180	120	0	0	0	0	0	300

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	969	1,031	427	0	0	0	0	0	2,427
<b>Total:</b>	969	1,031	427	0	0	0	0	0	2,427
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	969	1,031	427	0	0	0	0	0	2,427
<b>Total*:</b>	969	1,031	427	0	0	0	0	0	2,427
<b>O &amp; M Costs (Savings)</b>			12	12	12	13	13	13	75
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		600	858	0	0	0	0	0	1,458
<b>Total:</b>		600	858	0	0	0	0	0	1,458

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### 2013 - 2018 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>	TBD
<b>Location:</b>	6500 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	258	0	500	0	0	0	0	758
<b>Total:</b>	0	258	0	500	0	0	0	0	758
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	258	0	500	0	0	0	0	758
<b>Total*:</b>	0	258	0	500	0	0	0	0	758
<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	258	500	0	0	0	0	758
<b>Total:</b>		0	258	500	0	0	0	0	758

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### David Rodgers Park Comfort Station 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>	Q1/2013
<b>Project ID:</b>	K732450	<b>End Date:</b>	Q4/2013
<b>Location:</b>	2800 1st 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 sanity sewer line from the comfort station to the street, adds one manhole, eliminates a manhole that is no longer needed, and related work. The line was filmed in 2012 and pinpointed issues with a crack in the clay tile pipe and root intrusion. This new pipe will reduce closures of the comfort station due to sewer backups.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	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	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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### 2013 - 2018 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Denny Park Administration Building 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>	Q1/2012
<b>Project ID:</b>	K732425	<b>End Date:</b>	Q1/2013
<b>Location:</b>	100 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 replaces the roof and its integrated HVAC equipment and other related work at the Parks Administration Building in Denny Park. These improvements will eliminate leaks, improve energy efficiency, make future HVAC repairs easier, and provide long-term protection of the building envelope.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	710	0	0	0	0	0	0	710
<b>Total:</b>	0	710	0	0	0	0	0	0	710
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	710	0	0	0	0	0	0	710
<b>Total*:</b>	0	710	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		639	71	0	0	0	0	0	710
<b>Total:</b>		639	71	0	0	0	0	0	710

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### 2013 - 2018 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>	Q1/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
King County Funds	276	324	0	0	0	0	0	0	600
<b>Total:</b>	276	324	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	276	324	0	0	0	0	0	0	600
<b>Total*:</b>	276	324	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>									
Shoreline Park Improvement Fund		304	20	0	0	0	0	0	324
<b>Total:</b>		304	20	0	0	0	0	0	324

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### 2013 - 2018 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 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>	Magnolia/Queen Anne		

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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
King County Funds	233	22	190	0	0	0	0	0	445
<b>Total:</b>	233	22	190	0	0	0	0	0	445
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	233	22	190	0	0	0	0	0	445
<b>Total*:</b>	233	22	190	0	0	0	0	0	445
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q1/2013
<b>Location:</b>	3801 Discovery Park BLVD	<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>	Magnolia/Queen Anne		

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, alligatoring, and settling caused by poor soils. Parks will seek concurrence with the West Point Oversight Committee for this project.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
King County 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>									
Shoreline Park Improvement 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>									
Shoreline Park Improvement Fund		490	10	0	0	0	0	0	500
<b>Total:</b>		490	10	0	0	0	0	0	500

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Discovery Park Water Line Modification and North Forest Road Removal

<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>	K732439	<b>End Date:</b>	Q1/2013
<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 will relocate the existing 8" water meter serving the north part of Discovery Park from its Idaho Avenue location to a new location at Kansas Avenue, install 500 lineal feet of new 8" water main to connect to an existing water main in Kansas Avenue, and allow abandonment of over 1100 lineal feet of water main in Idaho Avenue and forested areas between Idaho and Kansas Avenues. Included in the project will be removal of over 500 lineal feet of the remainder of Idaho Avenue. This portion of the roadway corridor will then be reforested. This project will allow abandonment of a second water line that feeds the northern portion of the park and that has leaked so badly as to necessitate its shutdown. Parks will seek concurrence with the West Point Oversight Committee for this project.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
King County Funds	0	250	0	0	0	0	0	0	250
<b>Total:</b>	0	250	0	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	250	0	0	0	0	0	0	250
<b>Total*:</b>	0	250	0	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Shoreline Park Improvement Fund		245	5	0	0	0	0	0	250
<b>Total:</b>		245	5	0	0	0	0	0	250

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	25	25	0	0	0	0	0	0	50
<b>Total:</b>	25	25	0	0	0	0	0	0	50
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	25	25	0	0	0	0	0	0	50
<b>Total*:</b>	25	25	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		5	5	5	5	5	0	0	25
<b>Total:</b>		5	5	5	5	5	0	0	25

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1	259	0	0	0	0	0	0	260
<b>Total:</b>	1	259	0	0	0	0	0	0	260
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	1	259	0	0	0	0	0	0	260
<b>Total*:</b>	1	259	0	0	0	0	0	0	260
<b>O &amp; M Costs (Savings)</b>			1	6	6	6	7	7	33
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		30	229	0	0	0	0	0	259
<b>Total:</b>		30	229	0	0	0	0	0	259

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### 2013 - 2018 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 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	478	437	150	150	150	150	150	150	1,815
<b>Total:</b>	478	437	150	150	150	150	150	150	1,815
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	478	437	150	150	150	150	150	150	1,815
<b>Total*:</b>	478	437	150	150	150	150	150	150	1,815
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q1/2013
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	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	1	1	1	2	2	7
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		480	20	0	0	0	0	0	500
<b>Total:</b>		480	20	0	0	0	0	0	500

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### 2013 - 2018 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>	Q1/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	700	0	0	0	700
<b>Total:</b>	0	0	0	0	700	0	0	0	700
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	700	0	0	0	700
<b>Total*:</b>	0	0	0	0	700	0	0	0	700
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	219	120	100	75	100	100	100	100	914
<b>Total:</b>	219	120	100	75	100	100	100	100	914
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	219	120	100	75	100	100	100	100	914
<b>Total*:</b>	219	120	100	75	100	100	100	100	914
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q1/2012
<b>Project ID:</b>	K730162	<b>End Date:</b>	Q1/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	1,600	0	0	0	0	0	0	1,600
<b>Total:</b>	0	1,600	0	0	0	0	0	0	1,600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	1,600	0	0	0	0	0	0	1,600
<b>Total*:</b>	0	1,600	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		1,280	320	0	0	0	0	0	1,600
<b>Total:</b>		1,280	320	0	0	0	0	0	1,600

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### 2013 - 2018 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>	Q2/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	0	0	0	0	0	0	200
<b>Total:</b>	0	200	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	200	0	0	0	0	0	0	200
<b>Total*:</b>	0	200	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		160	40	0	0	0	0	0	200
<b>Total:</b>		160	40	0	0	0	0	0	200

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### First Hill Park Development

<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>	TBD
<b>Project ID:</b>	K733082	<b>End Date:</b>	TBD
<b>Location:</b>	TBD		
<b>Neighborhood Plan:</b>	First Hill	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	First Hill

This project develops a site to be acquired through the First Hill acquisition project into a neighborhood park, and performs other related work. The scope of work for this project is to be developed through a community process, working within the budget identified below and other fund sources that become available. The site will be acquired under the 2000 Parks Levy Neighborhood Park Acquisition Program and this project is part of the 2000 Parks Levy Neighborhood Park Development Program.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1	598	0	0	0	0	0	0	599
<b>Total:</b>	1	598	0	0	0	0	0	0	599
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	1	598	0	0	0	0	0	0	599
<b>Total*:</b>	1	598	0	0	0	0	0	0	599
<b>O &amp; M Costs (Savings)</b>			11	11	11	12	12	12	69
<b>Spending Plan by Fund</b>									
2000 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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### 2013 - 2018 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>	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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		450	50	0	0	0	0	0	500
<b>Total:</b>		450	50	0	0	0	0	0	500

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	465	0	0	0	0	0	0	465
<b>Total:</b>	0	465	0	0	0	0	0	0	465
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	465	0	0	0	0	0	0	465
<b>Total*:</b>	0	465	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		28	437	0	0	0	0	0	465
<b>Total:</b>		28	437	0	0	0	0	0	465

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	123	72	140	400	560	1,360	2,400	2,900	7,955
General Subfund Revenues	1,102	20	70	0	0	0	0	0	1,192
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	1,225	92	210	400	560	1,360	2,400	2,900	9,147
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	123	72	140	400	560	1,360	2,400	2,900	7,955
Gasworks Park Contamination Remediation Fund	1,102	20	70	0	0	0	0	0	1,192
<b>Total*:</b>	1,225	92	210	400	560	1,360	2,400	2,900	9,147
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q4/2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	20	400	1,000	0	0	0	0	1,420
<b>Total:</b>	0	20	400	1,000	0	0	0	0	1,420
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	20	400	1,000	0	0	0	0	1,420
<b>Total*:</b>	0	20	400	1,000	0	0	0	0	1,420
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		20	380	1,000	0	0	0	0	1,400
<b>Total:</b>		20	380	1,000	0	0	0	0	1,400

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	870	870
<b>Total:</b>	0	0	0	0	0	0	0	870	870
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	870	870
<b>Total*:</b>	0	0	0	0	0	0	0	870	870
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q1/2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	122	0	0	0	0	122
<b>Total:</b>	0	0	0	122	0	0	0	0	122
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	122	0	0	0	0	122
<b>Total*:</b>	0	0	0	122	0	0	0	0	122
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Golden Gardens Park Drainage Renovation

<b>BCL/Program Name:</b>	Parks Infrastructure	<b>BCL/Program Code:</b>	K72441
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2018
<b>Project ID:</b>	K732458	<b>End Date:</b>	TBD
<b>Location:</b>	8499 Seaview PL NW	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Ballard		

This project collects and directs park surface and subsurface drainage flows to the drainage areas from the upper road down through the mid-parking lot in order to improve the drainage system and related impacts such as hillside erosion. The work will be done in accordance with environmental and regulatory requirements.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	438	438
<b>Total:</b>	0	0	0	0	0	0	0	438	438
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	438	438
<b>Total*:</b>	0	0	0	0	0	0	0	438	438
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Golf Revenues	162	2,057	0	0	0	100	100	100	2,519
<b>Total:</b>	162	2,057	0	0	0	100	100	100	2,519
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	162	2,057	0	0	0	100	100	100	2,519
<b>Total*:</b>	162	2,057	0	0	0	100	100	100	2,519
<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		100	100	100	100	100	100	100	700
<b>Total:</b>		100	100	100	100	100	100	100	700

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	308	554	0	0	0	0	0	0	862
General Obligation Bonds	598	1,451	0	0	0	0	0	0	2,049
General Obligation Bonds	0	4,301	0	0	0	0	0	0	4,301
General Obligation Bonds	0	0	7,371	0	0	0	0	0	7,371
<b>Total:</b>	906	6,306	7,371	0	0	0	0	0	14,583
<b>Fund Appropriations/Allocations</b>									
2010 Multipurpose LTGO Bond Fund	308	554	0	0	0	0	0	0	862
2011 Multipurpose LTGO Bond Fund	598	1,451	0	0	0	0	0	0	2,049
2012 Multipurpose LTGO Bond Fund	0	4,301	0	0	0	0	0	0	4,301
2013 Multipurpose LTGO Bond Fund	0	0	7,371	0	0	0	0	0	7,371
<b>Total*:</b>	906	6,306	7,371	0	0	0	0	0	14,583
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2010 Multipurpose LTGO Bond Fund		554	0	0	0	0	0	0	554
2011 Multipurpose LTGO Bond Fund		1,451	0	0	0	0	0	0	1,451
2012 Multipurpose LTGO Bond Fund		2,401	1,900	0	0	0	0	0	4,301
2013 Multipurpose LTGO Bond Fund		0	6,793	229	349	0	0	0	7,371
<b>Total:</b>		4,406	8,693	229	349	0	0	0	13,677

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	334	1,338	0	0	0	0	1,672
<b>Total:</b>	0	0	334	1,338	0	0	0	0	1,672
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	334	1,338	0	0	0	0	1,672
<b>Total*:</b>	0	0	334	1,338	0	0	0	0	1,672
<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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	354	862	0	0	1,216
<b>Total:</b>	0	0	0	0	354	862	0	0	1,216
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	354	862	0	0	1,216
<b>Total*:</b>	0	0	0	0	354	862	0	0	1,216
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	484	1,016	1,500
<b>Total:</b>	0	0	0	0	0	0	484	1,016	1,500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	484	1,016	1,500
<b>Total*:</b>	0	0	0	0	0	0	484	1,016	1,500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	3,178	1,847	750	95	0	0	0	0	5,870
<b>Total:</b>	3,178	1,847	750	95	0	0	0	0	5,870
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	3,178	1,847	750	95	0	0	0	0	5,870
<b>Total*:</b>	3,178	1,847	750	95	0	0	0	0	5,870
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1,000	750	500	442	0	0	0	2,692
<b>Total:</b>		1,000	750	500	442	0	0	0	2,692

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	298	895	0	0	1,193
<b>Total:</b>	0	0	0	0	298	895	0	0	1,193
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	298	895	0	0	1,193
<b>Total*:</b>	0	0	0	0	298	895	0	0	1,193
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Highland Park (Wading Pool #3) Spray Park Development

<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>	Q3/2009
<b>Project ID:</b>	K730118	<b>End Date:</b>	Q1/2013
<b>Location:</b>	1100 SW Cloverdale ST		
<b>Neighborhood Plan:</b>	Westwood & Highland Park	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the conversion of the Highland Park wading pool to a spray park. A spray park provides a different type of active water play experience than a traditional wading pool. Water savings are anticipated because of the conversion. This project is part of the 2008 Parks Levy.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	30	572	0	0	0	0	0	0	602
<b>Total:</b>	30	572	0	0	0	0	0	0	602
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	30	572	0	0	0	0	0	0	602
<b>Total*:</b>	30	572	0	0	0	0	0	0	602
<b>O &amp; M Costs (Savings)</b>			14	15	15	15	16	16	91
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		560	12	0	0	0	0	0	572
<b>Total:</b>		560	12	0	0	0	0	0	572

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### 2013 - 2018 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>	Q1/2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	500	2,500	0	0	0	0	3,000
<b>Total:</b>	0	0	500	2,500	0	0	0	0	3,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	500	2,500	0	0	0	0	3,000
<b>Total*:</b>	0	0	500	2,500	0	0	0	0	3,000
<b>O &amp; M Costs (Savings)</b>			0	0	23	23	24	24	94
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	400	2,000	600	0	0	0	3,000
<b>Total:</b>		0	400	2,000	600	0	0	0	3,000

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	784	241	241	239	239	242	241	243	2,470
<b>Total:</b>	784	241	241	239	239	242	241	243	2,470
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	784	241	241	239	239	242	241	243	2,470
<b>Total*:</b>	784	241	241	239	239	242	241	243	2,470
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Hubbard Homestead Park (Northgate) Development-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>	New Facility	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	K730105	<b>End Date:</b>	Q1/2013
<b>Location:</b>	NE 105th ST		
<b>Neighborhood Plan:</b>	Northgate	<b>Neighborhood Plan Matrix:</b>	I.G.12, I.G.12.6
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	Northgate

This project provides for the development of the Northgate Urban Center Park. The scope of the project provides for removal of the asphalt parking and other features; the development of open lawns, tree plantings, pathways, and park furniture; use of spring water for irrigation; art work in collaboration with artists; and other improvements. This project is part of the 2008 Parks Levy. See also related project Hubbard Homestead Park (Northgate) Development (K732348).

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1,804	488	0	0	0	0	0	0	2,292
<b>Total:</b>	1,804	488	0	0	0	0	0	0	2,292
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	1,804	488	0	0	0	0	0	0	2,292
<b>Total*:</b>	1,804	488	0	0	0	0	0	0	2,292
<b>O &amp; M Costs (Savings)</b>			77	78	79	81	82	82	479
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		480	8	0	0	0	0	0	488
<b>Total:</b>		480	8	0	0	0	0	0	488

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	62	43	35	35	35	35	35	35	315
<b>Total:</b>	62	43	35	35	35	35	35	35	315
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	62	43	35	35	35	35	35	35	315
<b>Total*:</b>	62	43	35	35	35	35	35	35	315
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	305	0	0	0	0	305
Miscellaneous Grants or Donations	0	0	0	305	0	0	0	0	305
<b>Total:</b>	0	0	0	610	0	0	0	0	610
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	305	0	0	0	0	305
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	305	0	0	0	0	305
<b>Total*:</b>	0	0	0	610	0	0	0	0	610
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	283	347	200	200	300	300	300	300	2,230
<b>Total:</b>	283	347	200	200	300	300	300	300	2,230
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	283	347	200	200	300	300	300	300	2,230
<b>Total*:</b>	283	347	200	200	300	300	300	300	2,230
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q1/2018
<b>Project ID:</b>	K732462	<b>End Date:</b>	TBD
<b>Location:</b>	3801 Beacon AVE S	<b>Neighborhood Plan Matrix:</b>	CC1
<b>Neighborhood Plan:</b>	North District/Lake City	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Greater Duwamish		

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	2012 Rev	2013	2014	2015	2016	2017	2018	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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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Jefferson Community Center Seismic 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>	Q1/2010
<b>Project ID:</b>	K732393	<b>End Date:</b>	Q1/2013
<b>Location:</b>	3801 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 upgrades the roof deck diaphragm and building component connections at Jefferson Community Center, and performs related work to bring the building into compliance with current seismic codes, which will allow the building to continue to be used as an emergency shelter. Additional work includes replacing the steep slope roof and replacing or repairing the siding to prevent building deterioration due to leaks.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	89	234	123	0	0	0	0	0	446
Federal Grant Funds	5	1,024	0	0	0	0	0	0	1,029
State Grant Funds	1	171	0	0	0	0	0	0	172
<b>Total:</b>	95	1,429	123	0	0	0	0	0	1,647
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	89	234	123	0	0	0	0	0	446
Cumulative Reserve Subfund - Unrestricted Subaccount	6	1,195	0	0	0	0	0	0	1,201
<b>Total*:</b>	95	1,429	123	0	0	0	0	0	1,647
<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		357	0	0	0	0	0	0	357
Cumulative Reserve Subfund - Unrestricted Subaccount		400	795	0	0	0	0	0	1,195
<b>Total:</b>		757	795	0	0	0	0	0	1,552

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Jefferson Park Development- 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>	Q2/2009
<b>Project ID:</b>	K730129	<b>End Date:</b>	Q1/2013
<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 is the first development phase that implements the Jefferson Park Master Plan. Work includes grading, site utilities, irrigation, landscaping, pedestrian pathways, and a children's play area. This project is part of the 2008 Parks Levy.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	3,218	1,824	0	0	0	0	0	0	5,042
<b>Total:</b>	3,218	1,824	0	0	0	0	0	0	5,042
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	3,218	1,824	0	0	0	0	0	0	5,042
<b>Total*:</b>	3,218	1,824	0	0	0	0	0	0	5,042
<b>O &amp; M Costs (Savings)</b>			100	102	104	106	108	0	520
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1,674	150	0	0	0	0	0	1,824
<b>Total:</b>		1,674	150	0	0	0	0	0	1,824

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	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>									
2008 Parks Levy Fund	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>			1	10	10	11	11	11	54
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		5	494	0	0	0	0	0	499
<b>Total:</b>		5	494	0	0	0	0	0	499

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### John Muir Elementary Playground 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>	K730147	<b>End Date:</b>	Q3/2013
<b>Location:</b>	3301 S Horton 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, replaces the existing play area with new structures including rain gardens, permeable surfaces, and planting beds. These improvements will enhance safety, increase site environmental-sensitivity, and increase accessibility to the surrounding community.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	9	261	0	0	0	0	0	0	270
<b>Total:</b>	9	261	0	0	0	0	0	0	270
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	9	261	0	0	0	0	0	0	270
<b>Total*:</b>	9	261	0	0	0	0	0	0	270
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		20	241	0	0	0	0	0	261
<b>Total:</b>		20	241	0	0	0	0	0	261

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### 2013 - 2018 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Judkins Skatespot 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>	Q1/2011
<b>Project ID:</b>	K730094	<b>End Date:</b>	Q1/2013
<b>Location:</b>	2150 S Norman ST		
<b>Neighborhood Plan:</b>	Central Area	<b>Neighborhood Plan Matrix:</b>	NC 16
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the development of a small skatespot at Judkins Park. The skatespot implements elements of the Skatepark Master Plan and provides skating opportunities to central Seattle and beyond. This project is part of the 2008 Parks Levy.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	65	535	0	0	0	0	0	0	600
<b>Total:</b>	65	535	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	65	535	0	0	0	0	0	0	600
<b>Total*:</b>	65	535	0	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			8	8	9	9	9	10	53
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		505	30	0	0	0	0	0	535
<b>Total:</b>		505	30	0	0	0	0	0	535

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lake Union Park Walkway Renovations

<b>BCL/Program Name:</b>	Parks Infrastructure	<b>BCL/Program Code:</b>	K72441
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	K732463	<b>End Date:</b>	TBD
<b>Location:</b>	860 Terry AVE N	<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 project investigates and repairs subsidence issues in walkway areas at Lake Union Park, along the north side of the park adjacent to the water, and east and north of the pedestrian bridge on the west side of the park. Temporary repairs have been made to eliminate tripping hazards, but this project constructs a long term solution to ensure safe and accessible walkways.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	350	0	0	0	350
<b>Total:</b>	0	0	0	0	350	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	350	0	0	0	350
<b>Total*:</b>	0	0	0	0	350	0	0	0	350
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	849	441	430	430	430	430	430	430	3,870
<b>Total:</b>	849	441	430	430	430	430	430	430	3,870
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	849	441	430	430	430	430	430	430	3,870
<b>Total*:</b>	849	441	430	430	430	430	430	430	3,870
<b>O &amp; M Costs (Savings)</b>			17	18	19	19	19	19	111

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Laurelhurst 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>	K730095	<b>End Date:</b>	Q4/2013
<b>Location:</b>	4544 NE 41st 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 will provide for replacement of play equipment, access improvements and other work at the existing Laurelhurst 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	400	0	0	0	0	0	0	400
<b>Total:</b>	0	400	0	0	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	400	0	0	0	0	0	0	400
<b>Total*:</b>	0	400	0	0	0	0	0	0	400
<b>O &amp; M Costs (Savings)</b>			11	14	15	15	15	15	85
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		125	275	0	0	0	0	0	400
<b>Total:</b>		125	275	0	0	0	0	0	400

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### 2013 - 2018 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>	Q3/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	65	195	0	0	0	0	0	0	260
<b>Total:</b>	65	195	0	0	0	0	0	0	260
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	65	195	0	0	0	0	0	0	260
<b>Total*:</b>	65	195	0	0	0	0	0	0	260
<b>O &amp; M Costs (Savings)</b>			2	4	4	5	5	5	25
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		104	91	0	0	0	0	0	195
<b>Total:</b>		104	91	0	0	0	0	0	195

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### 2013 - 2018 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Lower Kinneer 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	31	719	0	0	0	0	0	0	750
<b>Total:</b>	31	719	0	0	0	0	0	0	750
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	31	719	0	0	0	0	0	0	750
<b>Total*:</b>	31	719	0	0	0	0	0	0	750
<b>O &amp; M Costs (Savings)</b>			15	19	19	20	20	21	114
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		231	488	0	0	0	0	0	719
<b>Total:</b>		231	488	0	0	0	0	0	719

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	305	0	0	0	0	0	305
<b>Total:</b>	0	0	305	0	0	0	0	0	305
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	305	0	0	0	0	0	305
<b>Total*:</b>	0	0	305	0	0	0	0	0	305
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lower Woodland Playfield Tennis Court Lights 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>	Q2/2012
<b>Project ID:</b>	K730167	<b>End Date:</b>	Q3/2013
<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, funded with the 2008 Parks Levy Inflation Adjustment funds, replaces the metal poles on the four north courts and replaces the attached lighting fixtures on all ten courts. New conduit was installed during the court reconstruction project in 2009. This project will improve the quality of lighting at the courts and reduce light glare beyond the courts.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	310	0	0	0	0	0	0	310
<b>Total:</b>	0	310	0	0	0	0	0	0	310
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	310	0	0	0	0	0	0	310
<b>Total*:</b>	0	310	0	0	0	0	0	0	310
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		240	70	0	0	0	0	0	310
<b>Total:</b>		240	70	0	0	0	0	0	310

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### 2013 - 2018 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>	Q2/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	852	0	0	0	0	0	0	852
<b>Total:</b>	0	852	0	0	0	0	0	0	852
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	852	0	0	0	0	0	0	852
<b>Total*:</b>	0	852	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		594	258	0	0	0	0	0	852
<b>Total:</b>		594	258	0	0	0	0	0	852

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	551	1,317	0	0	1,868
<b>Total:</b>	0	0	0	0	551	1,317	0	0	1,868
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	551	1,317	0	0	1,868
<b>Total*:</b>	0	0	0	0	551	1,317	0	0	1,868
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Loyal Heights 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>	K732465	<b>End Date:</b>	TBD
<b>Location:</b>	2101 N 77th ST		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	CHS-2
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the synthetic turf field surfacing (134,000 square feet) which was installed in 2006, and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer, baseball, and other activities.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	1,069	0	1,069
<b>Total:</b>	0	0	0	0	0	0	1,069	0	1,069
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	1,069	0	1,069
<b>Total*:</b>	0	0	0	0	0	0	1,069	0	1,069
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Madrona Playground Shelterhouse Restrooms 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>	K730169	<b>End Date:</b>	Q1/2013
<b>Location:</b>	9253 34th AVE		
<b>Neighborhood Plan:</b>	Central Area	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	Not in an Urban Village

This project, funded with the 2008 Parks Levy Inflation Adjustment funds, renovates the restrooms in the shelterhouse 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	0	0	0	0	0	0	200
<b>Total:</b>	0	200	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	200	0	0	0	0	0	0	200
<b>Total*:</b>	0	200	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		195	5	0	0	0	0	0	200
<b>Total:</b>		195	5	0	0	0	0	0	200

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### 2013 - 2018 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>	Q1/2017
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	1,230	316	1,546
<b>Total:</b>	0	0	0	0	0	0	1,230	316	1,546
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	1,230	316	1,546
<b>Total*:</b>	0	0	0	0	0	0	1,230	316	1,546
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	186	1,352	0	0	0	1,538
<b>Total:</b>	0	0	0	186	1,352	0	0	0	1,538
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	186	1,352	0	0	0	1,538
<b>Total*:</b>	0	0	0	186	1,352	0	0	0	1,538
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	TBD
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Subfund Revenues	25	3	0	0	0	0	0	0	28
Real Estate Excise Tax II	0	0	680	0	0	0	0	0	680
Real Estate Excise Tax I	0	0	320	0	0	0	0	0	320
<b>Total:</b>	25	3	1,000	0	0	0	0	0	1,028
<b>Fund Appropriations/Allocations</b>									
General Subfund	25	3	0	0	0	0	0	0	28
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	680	0	0	0	0	0	680
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	320	0	0	0	0	0	320
<b>Total*:</b>	25	3	1,000	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		3	0	0	0	0	0	0	3
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		0	200	120	0	0	0	0	320
<b>Total:</b>		3	880	120	0	0	0	0	1,003

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	3,363	0	0	0	0	0	0	3,363
General Obligation Bonds	0	0	5,215	0	0	0	0	0	5,215
<b>Total:</b>	0	3,363	5,215	0	0	0	0	0	8,578
<b>Fund Appropriations/Allocations</b>									
2012 Multipurpose LTGO Bond Fund	0	3,363	0	0	0	0	0	0	3,363
2013 Multipurpose LTGO Bond Fund	0	0	5,215	0	0	0	0	0	5,215
<b>Total*:</b>	0	3,363	5,215	0	0	0	0	0	8,578
<b>O &amp; M Costs (Savings)</b>			289	256	256	256	256	256	1,569
<b>Spending Plan by Fund</b>									
2012 Multipurpose LTGO Bond Fund		1,435	1,928	0	0	0	0	0	3,363
2013 Multipurpose LTGO Bond Fund		0	5,215	0	0	0	0	0	5,215
<b>Total:</b>		1,435	7,143	0	0	0	0	0	8,578

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	753	927	0	0	0	0	1,680
<b>Total:</b>	0	0	753	927	0	0	0	0	1,680
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	753	927	0	0	0	0	1,680
<b>Total*:</b>	0	0	753	927	0	0	0	0	1,680
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Federal Grant Funds	485	0	0	0	0	0	0	0	485
Seattle Voter-Approved Levy	489	11	0	0	0	0	0	0	500
State Grant Funds	0	299	0	0	0	0	0	0	299
<b>Total:</b>	974	310	0	0	0	0	0	0	1,284
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	974	310	0	0	0	0	0	0	1,284
<b>Total*:</b>	974	310	0	0	0	0	0	0	1,284
<b>O &amp; M Costs (Savings)</b>			15	16	16	16	17	17	97
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		295	15	0	0	0	0	0	310
<b>Total:</b>		295	15	0	0	0	0	0	310

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	14	20	0	0	0	0	0	0	34
<b>Total:</b>	14	20	0	0	0	0	0	0	34
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	14	20	0	0	0	0	0	0	34
<b>Total*:</b>	14	20	0	0	0	0	0	0	34
<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	20	0	0	0	0	0	20
<b>Total:</b>		0	20	0	0	0	0	0	20

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### 2013 - 2018 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Maple Leaf 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>	Q2/2011
<b>Project ID:</b>	K730098	<b>End Date:</b>	Q4/2013
<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>	North	<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 Maple Leaf Playground 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 Project 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	55	395	0	0	0	0	0	0	450
<b>Total:</b>	55	395	0	0	0	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	55	395	0	0	0	0	0	0	450
<b>Total*:</b>	55	395	0	0	0	0	0	0	450
<b>O &amp; M Costs (Savings)</b>			7	17	18	18	19	19	98
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		306	89	0	0	0	0	0	395
<b>Total:</b>		306	89	0	0	0	0	0	395

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	509	4,568	0	0	0	0	0	0	5,077
<b>Total:</b>	509	4,568	0	0	0	0	0	0	5,077
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	509	4,568	0	0	0	0	0	0	5,077
<b>Total*:</b>	509	4,568	0	0	0	0	0	0	5,077
<b>O &amp; M Costs (Savings)</b>			19	45	46	47	48	48	253
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1,359	3,209	0	0	0	0	0	4,568
<b>Total:</b>		1,359	3,209	0	0	0	0	0	4,568

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	100	1,000	0	0	0	0	1,100
<b>Total:</b>	0	0	100	1,000	0	0	0	0	1,100
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	100	1,000	0	0	0	0	1,100
<b>Total*:</b>	0	0	100	1,000	0	0	0	0	1,100
<b>O &amp; M Costs (Savings)</b>			0	0	29	30	30	30	119
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		100	900	100	0	0	0	0	1,100
<b>Total:</b>		100	900	100	0	0	0	0	1,100

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### 2013 - 2018 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>	Q1/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	350	0	0	0	0	0	0	350
<b>Total:</b>	0	350	0	0	0	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	350	0	0	0	0	0	0	350
<b>Total*:</b>	0	350	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	10	0	0	0	0	0	350
<b>Total:</b>		340	10	0	0	0	0	0	350

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

### 2013 - 2018 Proposed Capital Improvement Program

# Department of Parks and Recreation

## McGilvra Place 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>	K730151	<b>End Date:</b>	Q1/2013
<b>Location:</b>	15th AVE/Pike ST/Madison ST		
<b>Neighborhood Plan:</b>	Central Area	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, modifies the existing park by installing rain gardens to accept storm water runoff, removing barriers to create an accessible and more usable site, and performing related work. It is anticipated that the project will improve drainage and access.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	41	323	0	0	0	0	0	0	364
<b>Total:</b>	41	323	0	0	0	0	0	0	364
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	41	323	0	0	0	0	0	0	364
<b>Total*:</b>	41	323	0	0	0	0	0	0	364
<b>O &amp; M Costs (Savings)</b>			17	21	22	22	23	23	128
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		273	50	0	0	0	0	0	323
<b>Total:</b>		273	50	0	0	0	0	0	323

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### 2013 - 2018 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Meadowbrook Pool Plaster Liner Replacement

<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>	Q1/2012
<b>Project ID:</b>	K732441	<b>End Date:</b>	Q2/2013
<b>Location:</b>	10515 35th AVE NE		
<b>Neighborhood Plan:</b>	North District/Lake City	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the plaster pool liner at Meadowbrook Pool and performs other related work. Replacing the pool liner improves the surface of the pool shell and extends the useful life of the pool.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	16	125	0	0	0	0	0	141
<b>Total:</b>	0	16	125	0	0	0	0	0	141
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	16	125	0	0	0	0	0	141
<b>Total*:</b>	0	16	125	0	0	0	0	0	141
<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		15	126	0	0	0	0	0	141
<b>Total:</b>		15	126	0	0	0	0	0	141

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

### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	550	0	0	0	0	0	0	550
<b>Total:</b>	0	550	0	0	0	0	0	0	550
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	550	0	0	0	0	0	0	550
<b>Total*:</b>	0	550	0	0	0	0	0	0	550
<b>O &amp; M Costs (Savings)</b>			9	12	12	12	12	12	69
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		63	487	0	0	0	0	0	550
<b>Total:</b>		63	487	0	0	0	0	0	550

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### 2013 - 2018 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>	Q1/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	356	0	0	0	0	0	0	356
Miscellaneous Grants or Donations	0	129	0	0	0	0	0	0	129
General Obligation Bonds	51	427	0	0	0	0	0	0	478
<b>Total:</b>	51	912	0	0	0	0	0	0	963
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	356	0	0	0	0	0	0	356
Cumulative Reserve Subfund - Unrestricted Subaccount	0	129	0	0	0	0	0	0	129
2011 Multipurpose LTGO Bond Fund	51	427	0	0	0	0	0	0	478
<b>Total*:</b>	51	912	0	0	0	0	0	0	963
<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		300	56	0	0	0	0	0	356
Cumulative Reserve Subfund - Unrestricted Subaccount		100	29	0	0	0	0	0	129
2011 Multipurpose LTGO Bond Fund		427	0	0	0	0	0	0	427
<b>Total:</b>		827	85	0	0	0	0	0	912

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	201	76	248	0	0	0	0	0	525
Real Estate Excise Tax I	242	1	0	0	0	0	0	0	243
<b>Total:</b>	443	77	248	0	0	0	0	0	768
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	201	76	248	0	0	0	0	0	525
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	242	1	0	0	0	0	0	0	243
<b>Total*:</b>	443	77	248	0	0	0	0	0	768
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Park Acquisitions General

<b>BCL/Program Name:</b>	2000 Parks Levy - Neighborhood Park Acquisitions	<b>BCL/Program Code:</b>	K723001
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2001
<b>Project ID:</b>	K733001	<b>End Date:</b>	TBD
<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 to cover the costs of pre-acquisition activities (including planning, title searches, appraisals, negotiations, and community involvement) associated with negotiations for and purchases of specified real property under the 2000 Parks Levy.

		LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
Seattle Voter-Approved Levy		227	5,695	0	0	0	0	0	0	5,922
<b>Total:</b>		227	5,695	0	0	0	0	0	0	5,922
<b>Fund Appropriations/Allocations</b>										
2000 Parks Levy Fund		227	5,695	0	0	0	0	0	0	5,922
<b>Total*:</b>		227	5,695	0	0	0	0	0	0	5,922
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
2000 Parks Levy Fund			100	1,000	0	0	0	0	0	1,100
<b>Total:</b>			100	1,000	0	0	0	0	0	1,100

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	4,801	7,609	300	300	300	300	300	300	14,210
<b>Total:</b>	4,801	7,609	300	300	300	300	300	300	14,210
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	4,801	7,609	300	300	300	300	300	300	14,210
<b>Total*:</b>	4,801	7,609	300	300	300	300	300	300	14,210
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		4,000	300	300	300	300	300	300	5,800
<b>Total:</b>		4,000	300	300	300	300	300	300	5,800

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	127	311	0	0	0	0	0	0	438
<b>Total:</b>	127	311	0	0	0	0	0	0	438
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	127	311	0	0	0	0	0	0	438
<b>Total*:</b>	127	311	0	0	0	0	0	0	438
<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	50	50	50	50	61	0	311
<b>Total:</b>		50	50	50	50	50	61	0	311

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	305	295	200	200	250	250	250	250	2,000
Private Funding/Donations	0	37	0	0	0	0	0	0	37
<b>Total:</b>	305	332	200	200	250	250	250	250	2,037
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	305	295	200	200	250	250	250	250	2,000
Cumulative Reserve Subfund - Unrestricted Subaccount	0	37	0	0	0	0	0	0	37
<b>Total*:</b>	305	332	200	200	250	250	250	250	2,037
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program



## Department of Parks and Recreation

### North Service Shops (Densmore) 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>	Q1/2013
<b>Project ID:</b>	K732446	<b>End Date:</b>	Q4/2013
<b>Location:</b>	8061 Densmore Ave N		
<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 removes the existing roof system at the Densmore building and replaces it with either a flat rubberized/EPDM system or a sloped metal roof. Both roofing options will be constructed to current code with insulation, ventilation, and related improvements. This improvement will protect the entire building shell, and improve the crew and office setting.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	478	0	0	0	0	0	478
<b>Total:</b>	0	0	478	0	0	0	0	0	478
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	478	0	0	0	0	0	478
<b>Total*:</b>	0	0	478	0	0	0	0	0	478
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	515	503	0	0	0	0	0	0	1,018
<b>Total:</b>	515	503	0	0	0	0	0	0	1,018
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	515	503	0	0	0	0	0	0	1,018
<b>Total*:</b>	515	503	0	0	0	0	0	0	1,018
<b>O &amp; M Costs (Savings)</b>			11	12	12	12	12	12	71
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1	0	0	0	0	0	0	1
<b>Total:</b>		1	0	0	0	0	0	0	1

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	225	250	0	0	0	0	0	0	475
<b>Total:</b>	225	250	0	0	0	0	0	0	475
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	225	250	0	0	0	0	0	0	475
<b>Total*:</b>	225	250	0	0	0	0	0	0	475
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		165	85	0	0	0	0	0	250
<b>Total:</b>		165	85	0	0	0	0	0	250

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### 2013 - 2018 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Othello Park Improvements

<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>	Q1/2010
<b>Project ID:</b>	K730106	<b>End Date:</b>	Q1/2013
<b>Location:</b>	4351 S Othello ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	B-7
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the renovation of Othello Park, a 7.6 acre park in southeast Seattle. Renovations will improve safety in the park and may include lighting, improved access and circulation, and other elements to help the park function better as a neighborhood amenity. This project is part of the 2008 Parks Levy.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	119	487	0	0	0	0	0	0	606
<b>Total:</b>	119	487	0	0	0	0	0	0	606
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	119	487	0	0	0	0	0	0	606
<b>Total*:</b>	119	487	0	0	0	0	0	0	606
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	54
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		472	15	0	0	0	0	0	487
<b>Total:</b>		472	15	0	0	0	0	0	487

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	6,187	573	561	564	561	563	562	561	10,132
City Light Fund Revenues	448	81	80	55	0	0	0	0	664
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>	7,182	654	641	619	561	563	562	561	11,343
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	6,187	573	561	564	561	563	562	561	10,132
Cumulative Reserve Subfund - Unrestricted Subaccount	448	81	80	55	0	0	0	0	664
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>	7,182	654	641	619	561	563	562	561	11,343
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,016	508	0	0	0	0	0	0	1,524
Federal Community Development Block Grant	0	0	508	808	808	808	808	808	4,548
<b>Total:</b>	1,016	508	508	808	808	808	808	808	6,072
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,016	508	0	0	0	0	0	0	1,524
Community Development Block Grant Fund	0	0	508	808	808	808	808	808	4,548
<b>Total*:</b>	1,016	508	508	808	808	808	808	808	6,072
<b>O &amp; M Costs (Savings)</b>			41	42	43	44	44	44	258

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	289	299	200	200	400	400	400	400	2,588
Real Estate Excise Tax I	70	0	0	0	0	0	0	0	70
Federal Grant Funds	0	588	34	0	0	0	0	0	622
<b>Total:</b>	359	887	234	200	400	400	400	400	3,280
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	289	299	200	200	400	400	400	400	2,588
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	70	0	0	0	0	0	0	0	70
Cumulative Reserve Subfund - Unrestricted Subaccount	0	588	34	0	0	0	0	0	622
<b>Total*:</b>	359	887	234	200	400	400	400	400	3,280
<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		299	200	200	400	400	400	400	2,299
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		200	0	0	0	0	0	0	200
<b>Total:</b>		499	200	200	400	400	400	400	2,499

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	1,000	1,000	2,000
<b>Total:</b>	0	0	0	0	0	0	1,000	1,000	2,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	1,000	1,000	2,000
<b>Total*:</b>	0	0	0	0	0	0	1,000	1,000	2,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	223	97	120	120	150	150	150	150	1,160
<b>Total:</b>	223	97	120	120	150	150	150	150	1,160
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	223	97	120	120	150	150	150	150	1,160
<b>Total*:</b>	223	97	120	120	150	150	150	150	1,160
<b>O &amp; M Costs (Savings)</b>			17	17	18	18	18	18	106

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	200	200
<b>Total:</b>	0	0	0	0	0	0	0	200	200
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	200	200
<b>Total*:</b>	0	0	0	0	0	0	0	200	200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q1/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	171	514	0	0	0	0	685
<b>Total:</b>	0	0	171	514	0	0	0	0	685
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	171	514	0	0	0	0	685
<b>Total*:</b>	0	0	171	514	0	0	0	0	685
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Private Funding/Donations	0	230	0	0	0	0	0	0	230
General Subfund Revenues	20	0	0	0	0	0	0	0	20
Private Funding/Donations	204	0	0	0	0	0	0	0	204
<b>Total:</b>	224	230	0	0	0	0	0	0	454
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	230	0	0	0	0	0	0	230
Emergency Subfund	20	0	0	0	0	0	0	0	20
Parks and Recreation Fund	204	0	0	0	0	0	0	0	204
<b>Total*:</b>	224	230	0	0	0	0	0	0	454
<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		10	10	10	10	10	10	10	70
<b>Total:</b>		10	10	10	10	10	10	10	70

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	480	480
<b>Total:</b>	0	0	0	0	0	0	0	480	480
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	480	480
<b>Total*:</b>	0	0	0	0	0	0	0	480	480
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Queen Anne Off Leash 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>	Q1/2011
<b>Project ID:</b>	K730108	<b>End Date:</b>	Q1/2013
<b>Location:</b>			
<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 a dog off-leash area the Queen Anne neighborhood. A site will be selected after a Parks Department public involvement process and analysis of the potential sites. Improvements in the off-leash area may include fencing, surfacing, signage, and seating. This project is part of the 2008 Parks Levy.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	6	64	0	0	0	0	0	0	70
<b>Total:</b>	6	64	0	0	0	0	0	0	70
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	6	64	0	0	0	0	0	0	70
<b>Total*:</b>	6	64	0	0	0	0	0	0	70
<b>O &amp; M Costs (Savings)</b>			7	9	10	10	10	10	56
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		50	14	0	0	0	0	0	64
<b>Total:</b>		50	14	0	0	0	0	0	64

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Queen Anne Pool Plaster Liner 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>	Q2/2012
<b>Project ID:</b>	K730171	<b>End Date:</b>	Q4/2013
<b>Location:</b>	1920 1st 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>	Queen Anne

This project, funded with the 2008 Parks Levy Inflation Adjustment funds, replaces the plaster pool liner at Queen Anne Pool and performs other related work. Replacing the pool liner improves the surface of the pool shell and extends the useful life of the pool.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	140	0	0	0	0	0	0	140
<b>Total:</b>	0	140	0	0	0	0	0	0	140
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	140	0	0	0	0	0	0	140
<b>Total*:</b>	0	140	0	0	0	0	0	0	140
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		120	20	0	0	0	0	0	140
<b>Total:</b>		120	20	0	0	0	0	0	140

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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	2,979	4,021	0	0	0	0	0	0	7,000
General Obligation Bonds	223	4,277	0	0	0	0	0	0	4,500
General Obligation Bonds	0	6,726	0	0	0	0	0	0	6,726
General Obligation Bonds	0	0	6,600	0	0	0	0	0	6,600
<b>Total:</b>	3,349	15,024	6,600	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	2,979	4,021	0	0	0	0	0	0	7,000
2011 Multipurpose LTGO Bond Fund	223	4,277	0	0	0	0	0	0	4,500
2012 Multipurpose LTGO Bond Fund	0	6,726	0	0	0	0	0	0	6,726
2013 Multipurpose LTGO Bond Fund	0	0	6,600	0	0	0	0	0	6,600
<b>Total*:</b>	3,349	15,024	6,600	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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### 2013 - 2018 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	4,021	0	0	0	0	0	0	4,021
2011 Multipurpose LTGO Bond Fund	4,277	0	0	0	0	0	0	4,277
2012 Multipurpose LTGO Bond Fund	3,000	3,726	0	0	0	0	0	6,726
2013 Multipurpose LTGO Bond Fund	0	6,600	0	0	0	0	0	6,600
<b>Total:</b>	11,298	10,326	0	0	0	0	0	21,624

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### 2013 - 2018 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>	Q2/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	300	0	0	0	0	0	0	300
<b>Total:</b>	0	300	0	0	0	0	0	0	300
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	300	0	0	0	0	0	0	300
<b>Total*:</b>	0	300	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		15	285	0	0	0	0	0	300
<b>Total:</b>		15	285	0	0	0	0	0	300

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	1,300	0	0	0	0	0	0	1,300
<b>Total:</b>	0	1,300	0	0	0	0	0	0	1,300
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	1,300	0	0	0	0	0	0	1,300
<b>Total*:</b>	0	1,300	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		28	1,200	72	0	0	0	0	1,300
<b>Total:</b>		28	1,200	72	0	0	0	0	1,300

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### 2013 - 2018 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>	Q3/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	14	486	0	0	0	0	0	0	500
<b>Total:</b>	14	486	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	14	486	0	0	0	0	0	0	500
<b>Total*:</b>	14	486	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		30	456	0	0	0	0	0	486
<b>Total:</b>		30	456	0	0	0	0	0	486

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Riverview Playfield Comfort Station 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>	Q1/2007
<b>Project ID:</b>	K732328	<b>End Date:</b>	Q1/2013
<b>Location:</b>	7226 12th 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 renovates the Riverview Playfield comfort station, establishes ADA parking spaces in the nearby parking lot, adds an ADA curb ramp to the pathway, and performs other related work.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	93	431	0	0	0	0	0	0	524
<b>Total:</b>	93	431	0	0	0	0	0	0	524
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	93	431	0	0	0	0	0	0	524
<b>Total*:</b>	93	431	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	406	25	0	0	0	0	431
<b>Total:</b>		0	406	25	0	0	0	0	431

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	172	261	225	225	350	350	350	350	2,283
Real Estate Excise Tax I	69	0	0	0	0	0	0	0	69
<b>Total:</b>	241	261	225	225	350	350	350	350	2,352
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	172	261	225	225	350	350	350	350	2,283
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	69	0	0	0	0	0	0	0	69
<b>Total*:</b>	241	261	225	225	350	350	350	350	2,352
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Roxhill 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>	K730111	<b>End Date:</b>	Q1/2013
<b>Location:</b>	2850 SW Roxbury ST		
<b>Neighborhood Plan:</b>	Westwood & Highland Park	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Delridge	<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 Roxhill 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 Project 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	64	386	0	0	0	0	0	0	450
<b>Total:</b>	64	386	0	0	0	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	64	386	0	0	0	0	0	0	450
<b>Total*:</b>	64	386	0	0	0	0	0	0	450
<b>O &amp; M Costs (Savings)</b>			9	9	9	10	10	11	58
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		346	40	0	0	0	0	0	386
<b>Total:</b>		346	40	0	0	0	0	0	386

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Roxhill Park Skatespot 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>	Q1/2011
<b>Project ID:</b>	K730112	<b>End Date:</b>	Q1/2013
<b>Location:</b>	2850 SW Roxbury ST		
<b>Neighborhood Plan:</b>	Westwood & Highland Park	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Delridge	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the development of a small skatespot at Roxhill Park. The scope of this project implements elements of the Skatepark Master Plan. The skatespot will provide skating opportunities to the southwest part of the City. This project is part of the 2008 Parks Levy.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	60	540	0	0	0	0	0	0	600
<b>Total:</b>	60	540	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	60	540	0	0	0	0	0	0	600
<b>Total*:</b>	60	540	0	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			10	10	10	11	11	12	64
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		490	50	0	0	0	0	0	540
<b>Total:</b>		490	50	0	0	0	0	0	540

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### 2013 - 2018 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>	Q1/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	39	311	0	0	0	0	0	0	350
<b>Total:</b>	39	311	0	0	0	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	39	311	0	0	0	0	0	0	350
<b>Total*:</b>	39	311	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		220	91	0	0	0	0	0	311
<b>Total:</b>		220	91	0	0	0	0	0	311

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	4,500	0	0	4,500	0	0	0	9,000
<b>Total:</b>	0	4,500	0	0	4,500	0	0	0	9,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	4,500	0	0	4,500	0	0	0	9,000
<b>Total*:</b>	0	4,500	0	0	4,500	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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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	600	0	0	0	0	0	0	0	600
Real Estate Excise Tax I	131	1,210	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>	819	1,281	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	131	1,210	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>	819	1,281	0	0	0	0	0	0	2,100
<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		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
<b>Total:</b>		0	0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	542	69	98	101	104	111	114	114	1,253
<b>Total:</b>	542	69	98	101	104	111	114	114	1,253
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	542	69	98	101	104	111	114	114	1,253
<b>Total*:</b>	542	69	98	101	104	111	114	114	1,253
<b>O &amp; M Costs (Savings)</b>			11	11	12	12	12	12	70

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	2,200	0	0	0	0	0	0	2,200
<b>Total:</b>	0	2,200	0	0	0	0	0	0	2,200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	2,200	0	0	0	0	0	0	2,200
<b>Total*:</b>	0	2,200	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		76	2,000	124	0	0	0	0	2,200
<b>Total:</b>		76	2,000	124	0	0	0	0	2,200

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	161	189	75	75	0	0	0	0	500
<b>Total:</b>	161	189	75	75	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	161	189	75	75	0	0	0	0	500
<b>Total*:</b>	161	189	75	75	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		153	75	75	36	0	0	0	339
<b>Total:</b>		153	75	75	36	0	0	0	339

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
King County Funds	0	60	0	0	0	0	0	0	60
<b>Total:</b>	0	60	0	0	0	0	0	0	60
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	60	0	0	0	0	0	0	60
<b>Total*:</b>	0	60	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		5	55	0	0	0	0	0	60
<b>Total:</b>		5	55	0	0	0	0	0	60

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### 2013 - 2018 Proposed Capital Improvement Program

**Department of Parks and Recreation**  
**Skatepark Plan Implementation**

<b>BCL/Program Name:</b>	Citywide and Neighborhood Projects	<b>BCL/Program Code:</b>	K72449
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	K732365	<b>End Date:</b>	2013
<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 project provides funding for implementation of the Citywide Skatepark Plan throughout the City. The plan provides a long-term vision for the development of a network of safe and accessible skateparks of various sizes throughout the City of Seattle. Delridge Skatepark and Dahl Skatespot are the two projects being developed in this implementation phase. Future funding depends upon specific projects and available resources.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	346	19	0	0	0	0	0	0	365
Miscellaneous Grants or Donations	10	0	0	0	0	0	0	0	10
<b>Total:</b>	356	19	0	0	0	0	0	0	375
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	346	19	0	0	0	0	0	0	365
Cumulative Reserve Subfund - Unrestricted Subaccount	10	0	0	0	0	0	0	0	10
<b>Total*:</b>	356	19	0	0	0	0	0	0	375
<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		15	4	0	0	0	0	0	19
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
<b>Total:</b>		15	4	0	0	0	0	0	19

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
State Interlocal Revenues	161	539	112	0	0	0	0	0	812
<b>Total:</b>	161	539	112	0	0	0	0	0	812
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	161	539	112	0	0	0	0	0	812
<b>Total*:</b>	161	539	112	0	0	0	0	0	812
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	96	104	50	50	100	100	100	100	700
<b>Total:</b>	96	104	50	50	100	100	100	100	700
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	96	104	50	50	100	100	100	100	700
<b>Total*:</b>	96	104	50	50	100	100	100	100	700
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	325	325	325	350	350	350	350	2,375
Real Estate Excise Tax I	650	0	0	0	0	0	0	0	650
<b>Total:</b>	650	325	325	325	350	350	350	350	3,025
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	325	325	325	350	350	350	350	2,375
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	650	0	0	0	0	0	0	0	650
<b>Total*:</b>	650	325	325	325	350	350	350	350	3,025
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q1/2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	2	683	0	0	0	0	0	0	685
<b>Total:</b>	2	683	0	0	0	0	0	0	685
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	2	683	0	0	0	0	0	0	685
<b>Total*:</b>	2	683	0	0	0	0	0	0	685
<b>O &amp; M Costs (Savings)</b>			4	24	24	25	25	26	128
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	50	633	0	0	0	0	683
<b>Total:</b>		0	50	633	0	0	0	0	683

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	5	742	0	0	0	0	0	0	747
<b>Total:</b>	5	742	0	0	0	0	0	0	747
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	5	742	0	0	0	0	0	0	747
<b>Total*:</b>	5	742	0	0	0	0	0	0	747
<b>O &amp; M Costs (Savings)</b>			2	6	6	7	7	7	35
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	742	0	0	0	0	0	742
<b>Total:</b>		0	742	0	0	0	0	0	742

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	76	178	0	0	0	0	0	0	254
<b>Total:</b>	76	178	0	0	0	0	0	0	254
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	76	178	0	0	0	0	0	0	254
<b>Total*:</b>	76	178	0	0	0	0	0	0	254
<b>O &amp; M Costs (Savings)</b>			1	24	25	25	26	26	127
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		84	94	0	0	0	0	0	178
<b>Total:</b>		84	94	0	0	0	0	0	178

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	315	203	186	186	200	200	200	200	1,690
<b>Total:</b>	315	203	186	186	200	200	200	200	1,690
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	315	203	186	186	200	200	200	200	1,690
<b>Total*:</b>	315	203	186	186	200	200	200	200	1,690
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,794	689	708	290	0	1,700	1,700	1,700	8,581
Real Estate Excise Tax I	1,500	0	375	793	1,597	0	0	0	4,265
King County Funds	123	0	0	0	0	0	0	0	123
<b>Total:</b>	3,417	689	1,083	1,083	1,597	1,700	1,700	1,700	12,969
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,794	689	708	290	0	1,700	1,700	1,700	8,581
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,500	0	375	793	1,597	0	0	0	4,265
Cumulative Reserve Subfund - Unrestricted Subaccount	123	0	0	0	0	0	0	0	123
<b>Total*:</b>	3,417	689	1,083	1,083	1,597	1,700	1,700	1,700	12,969
<b>O &amp; M Costs (Savings)</b>			379	387	394	402	410	418	2,390

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	2,575	725	330	426	427	0	0	0	4,483
<b>Total:</b>	2,575	725	330	426	427	0	0	0	4,483
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	2,575	725	330	426	427	0	0	0	4,483
<b>Total*:</b>	2,575	725	330	426	427	0	0	0	4,483
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		468	587	426	427	0	0	0	1,908
<b>Total:</b>		468	587	426	427	0	0	0	1,908

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	309	291	0	0	0	0	0	0	600
<b>Total:</b>	309	291	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	309	291	0	0	0	0	0	0	600
<b>Total*:</b>	309	291	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		90	80	80	41	0	0	0	291
<b>Total:</b>		90	80	80	41	0	0	0	291

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### 2013 - 2018 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:</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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	862	118	95	95	95	95	95	95	1,550
Miscellaneous Grants or Donations	33	0	0	0	0	0	0	0	33
<b>Total:</b>	895	118	95	95	95	95	95	95	1,583
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	862	118	95	95	95	95	95	95	1,550
Cumulative Reserve Subfund - Unrestricted Subaccount	33	0	0	0	0	0	0	0	33
<b>Total*:</b>	895	118	95	95	95	95	95	95	1,583
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
State Grant Funds	89	411	0	0	0	0	0	0	500
<b>Total:</b>	89	411	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	89	411	0	0	0	0	0	0	500
<b>Total*:</b>	89	411	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 - Unrestricted Subaccount		278	133	0	0	0	0	0	411
<b>Total:</b>		278	133	0	0	0	0	0	411

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Subfund Revenues	111	0	0	0	0	0	0	0	111
Real Estate Excise Tax II	818	250	250	250	250	250	250	250	2,568
Miscellaneous Grants or Donations	713	108	105	105	105	105	105	105	1,451
<b>Total:</b>	1,642	358	355	355	355	355	355	355	4,130
<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	818	250	250	250	250	250	250	250	2,568
Cumulative Reserve Subfund - Unrestricted Subaccount	713	108	105	105	105	105	105	105	1,451
<b>Total*:</b>	1,642	358	355	355	355	355	355	355	4,130
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Van Asselt Community Center Gym 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>	K730175	<b>End Date:</b>	Q1/2013
<b>Location:</b>	2820 S Myrtle ST		
<b>Neighborhood Plan:</b>	Martin Luther King, Jr. @ Holly Street	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	MLK Jr. @ Holly

This project, funded with the 2008 Parks Levy Inflation Adjustment funds, removes the existing 4,160 square foot roof and installs a new modified asphalt roof assembly, including metal flashing, coping, overflow scuppers, insulation, and related repairs. This improvement will eliminate leaks in the gym and preserve the life of the building.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	225	0	0	0	0	0	0	225
<b>Total:</b>	0	225	0	0	0	0	0	0	225
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	225	0	0	0	0	0	0	225
<b>Total*:</b>	0	225	0	0	0	0	0	0	225
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		205	20	0	0	0	0	0	225
<b>Total:</b>		205	20	0	0	0	0	0	225

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	400	1,200	0	0	0	0	1,600
<b>Total:</b>	0	0	400	1,200	0	0	0	0	1,600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	400	1,200	0	0	0	0	1,600
<b>Total*:</b>	0	0	400	1,200	0	0	0	0	1,600
<b>O &amp; M Costs (Savings)</b>			0	0	10	10	10	10	40
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	400	1,000	200	0	0	0	1,600
<b>Total:</b>		0	400	1,000	200	0	0	0	1,600

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### 2013 - 2018 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>	2015
<b>Location:</b>	1400 E Galer 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	922	1,378	0	0	0	0	2,300
Miscellaneous Grants or Donations	0	0	0	700	0	0	0	0	700
<b>Total:</b>	0	0	922	2,078	0	0	0	0	3,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	922	1,378	0	0	0	0	2,300
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	700	0	0	0	0	700
<b>Total*:</b>	0	0	922	2,078	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		0	100	2,200	0	0	0	0	2,300
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	500	200	0	0	700
<b>Total:</b>		0	100	2,200	500	200	0	0	3,000

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### 2013 - 2018 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>	Q1/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	87	713	0	0	0	0	0	0	800
<b>Total:</b>	87	713	0	0	0	0	0	0	800
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	87	713	0	0	0	0	0	0	800
<b>Total*:</b>	87	713	0	0	0	0	0	0	800
<b>O &amp; M Costs (Savings)</b>			12	13	13	14	14	15	81
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		538	175	0	0	0	0	0	713
<b>Total:</b>		538	175	0	0	0	0	0	713

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	887	1,649	0	0	0	0	0	0	2,536
Private Funding/Donations	281	9	78	0	0	0	0	0	368
<b>Total:</b>	1,168	1,658	78	0	0	0	0	0	2,904
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	1,168	1,658	78	0	0	0	0	0	2,904
<b>Total*:</b>	1,168	1,658	78	0	0	0	0	0	2,904
<b>O &amp; M Costs (Savings)</b>			63	66	74	76	77	77	433
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		981	755	0	0	0	0	0	1,736
<b>Total:</b>		981	755	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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Washington Park Playfield 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>	Q1/2011
<b>Project ID:</b>	K730158	<b>End Date:</b>	Q1/2013
<b>Location:</b>	2500 Lake Washington BLVD 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 2008 Parks Levy Opportunity Fund, covers the existing sand-silt all-weather athletic field surface to an artificial turf surface and replaces the lights at the Washington Park Playfield. These improvements extend the useful life of the field.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	153	2,247	0	0	0	0	0	0	2,400
<b>Total:</b>	153	2,247	0	0	0	0	0	0	2,400
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	153	2,247	0	0	0	0	0	0	2,400
<b>Total*:</b>	153	2,247	0	0	0	0	0	0	2,400
<b>O &amp; M Costs (Savings)</b>			1	6	6	6	7	7	33
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		2,023	224	0	0	0	0	0	2,247
<b>Total:</b>		2,023	224	0	0	0	0	0	2,247

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### 2013 - 2018 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>	Q4/2013
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	485	2,970	0	0	0	0	0	0	3,455
<b>Total:</b>	485	2,970	0	0	0	0	0	0	3,455
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	485	2,970	0	0	0	0	0	0	3,455
<b>Total*:</b>	485	2,970	0	0	0	0	0	0	3,455
<b>O &amp; M Costs (Savings)</b>			115	158	161	164	167	170	935
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		382	2,588	0	0	0	0	0	2,970
<b>Total:</b>		382	2,588	0	0	0	0	0	2,970

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	350	0	0	0	0	0	0	350
<b>Total:</b>	0	350	0	0	0	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	350	0	0	0	0	0	0	350
<b>Total*:</b>	0	350	0	0	0	0	0	0	350
<b>O &amp; M Costs (Savings)</b>			9	11	12	12	12	12	68
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		30	320	0	0	0	0	0	350
<b>Total:</b>		30	320	0	0	0	0	0	350

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### 2013 - 2018 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 180 space parking lot facility on the West side of the Zoo. This project provides on-site spaces to help reduce parking and congestion on neighborhood streets.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Unrestricted Street Vacations	0	0	2,000	0	0	0	0	0	2,000
<b>Total:</b>	0	0	2,000	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	2,000	0	0	0	0	0	2,000
<b>Total*:</b>	0	0	2,000	0	0	0	0	0	2,000

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### 2013 - 2018 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 the 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 Monorail is owned by the City and operated by a private contractor. Also part of the campus, but privately owned and operated, are the Space Needle, the Pacific Science Center, the Experience Music Project (EMP), the Science Fiction Museum and Hall of Fame (SFM), and Seattle Public Schools' Memorial Stadium and an adjacent parking lot. The City's 2003 Asset Preservation Study valued Seattle Center's capital assets at \$777 million (this number does not include the Monorail, Mercer Arena, or the Blue Spruce Building, all planned to go away at the time of the study, or the new Fifth Avenue Parking Garage, completed in 2008.)

Seattle Center's Capital Improvement Plan (CIP) is at the heart of the Center's vision to be the "premier urban park," a place "to delight and inspire the human spirit in each person and bring together our rich and varied community." 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 2013-14 CIP is \$14.1 million. The 2015 to 2018 Seattle Center CIP spending plan averages \$8.0 million per year. However, actual out-year spending is dependent upon the availability of various revenue sources, in particular REET revenue. A slower than anticipated economic recovery will reduce the Center's CIP spending accordingly.

As a general rule, capital projects at Seattle Center are planned and implemented to minimize the impact on events that occur all 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 the inter-related challenges of aging infrastructure, an increasingly competitive environment for the sports and entertainment business that provides roughly two-thirds of the revenue which supports Seattle Center, and a lack of funding. The City's 2003 Asset

#### 2013 - 2018 Proposed Capital Improvement Program

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, the annual investment number for Seattle Center was \$6.8 million (not including the Monorail, Mercer Arena, or the Blue Spruce). This \$6.8 million number in 2003 dollars inflated at 3% per year calculates to roughly \$9 million in 2013 dollars. Center's annual CIP spending over the last seven years has averaged \$8.1M (including a major renovation of the monorail). To achieve this level of spending, what was an annual allocation of REET and CRS Unrestricted funding of roughly \$3M per year prior to 2009, 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. The City also allocated \$8M from the sale of a Seattle Center surface parking lot to the Bill & Melinda Gates Foundation for capital improvements at Seattle Center, and \$4.7M 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 \$2.8M to \$1.0M 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) are nearly all expended by the end of 2012. Another important part of Seattle Center capital funding is the intermittent infusion of a significant amount capital dollars every 7-10 years from a bond issue (1977, 1984) or a levy (1991, 1999). As Center celebrates its 50th anniversary, 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. The Seattle Center Century 21 Master Plan, adopted by the City Council in 2008 following a two-year community process, 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 (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 2013-2014 CIP are as follows:

Safety and Security – The safety of Seattle Center visitors and staff is always the first priority. In 2013-14, Seattle Center replaces automatic security bollards at three campus entry locations and makes improvements to the fire alarm system in the Armory/Center House.

Disabled Access – In 2013, Seattle Center continues a program to improve disabled access to the campus and to individual buildings, including the Armory/Center House, the Exhibition Hall, McCaw Hall, KeyArena, Fisher Pavilion, the 1<sup>st</sup> Avenue North Garage, and the entry to the Upper Northwest Rooms breezeway.

Asset Preservation – In 2013-2014, Seattle Center prioritizes asset preservation investments in our primary public assembly facilities – McCaw Hall, KeyArena, the Armory, and campus open spaces. Consistent with the City's 2003 Asset Preservation Study, Seattle Center has prioritized capital investments in existing facilities. Asset preservation work in 2013-14 builds on the 2012 renovation of the Armory Atrium with renovation work in the heavily used public restrooms in the Armory, as well as in

### 2013 - 2018 Proposed Capital Improvement Program

the third floor Conference Center. Asset preservation work in McCaw Hall and KeyArena continues in 2013-14 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 2013-14, primarily funded with Federal Transit Administration (FTA) grant funds. Also in 2013-14, Seattle Center makes asset preservation investments in campus HVAC infrastructure and campus open spaces. Allocation levels for asset preservation in the out years, 2015-18 will depend on available resources.

Energy Efficiency and Sustainability – Sustainability is a key principle of the Seattle Center Century 21 Master Plan. In 2013 Seattle Center utilizes utility incentive payments resulting from energy saving capital projects to support additional energy savings investments.

Implementation of the Seattle Center Century 21 Master Plan – In 2013-14, a primary focus of Seattle Center is to continue progress on the Memorial Stadium project, which is the centerpiece of the Century 21 Master Plan. The Center will build on the momentum of the privately funded International Design Competition during the 2012 Next 50 celebration, as well as the expected passage of Memorial Stadium legislation by 2013, to continue planning and design efforts for this transformative project.

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 2013 Seattle Center is prioritizing infrastructure investments to help attract a full-service restaurant and increase food service revenue potential in the Armory. Also in 2013, the Center will renovate the Armory Conference Center and invest in event-related infrastructure that supports the revenue generating capacity of facilities throughout the campus.

Leverage Non-City Funds – 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. A portion of monorail system revenues provides the 20% local match for FTA capital grant funds for monorail renovation and additional investments in the Armory Atrium leverage private investments by food service providers.. 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. Projects are first prioritized 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 for anticipated available funding.

Major maintenance funding has fallen far short of the levels recommended in the City's 2003 Asset Preservation Study, especially over the previous four years due to dramatic reductions in Real Estate Excise Tax (REET) revenues, a major 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, 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 the 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 has identified the following items for future capital investment (costs are in 2011 dollars):

- Memorial Stadium Property Acquisition (\$45 million)
- Memorial Stadium Site Redevelopment (\$188.5 million)
- Development of the North Fun Forest area (\$6.5 million)
- Northwest Rooms (technology infrastructure for KEXP and courtyard repairs, \$0.65 million)
- Armory Conference Center Improvements (\$1.9 million)
- KeyArena Major Maintenance (\$20 million)

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Bagley Wright Theatre Maintenance Fund</b>					<b>BCL/Program Code:</b>				<b>S9606</b>
Bagley Wright Theatre Maintenance Fund (S9606)	1,449	24	0	0	0	0	0	0	1,473
<b>Bagley Wright Theatre Maintenance Fund</b>	1,449	24	0	0	0	0	0	0	1,473
<b>Campuswide Improvements and Repairs</b>					<b>BCL/Program Code:</b>				<b>S03P01</b>
ADA Improvements (S9302)	694	768	1,489	0	0	0	0	0	2,951
Artwork Maintenance (S9303)	386	79	30	30	55	58	60	61	759
Fun Forest Site Restoration (S0901)	748	166	1,000	0	0	0	0	0	1,914
General Site Improvements (S0305)	2,221	181	140	290	213	233	246	255	3,779
Hazardous Materials Abatement (S86718)	285	0	0	0	50	57	62	64	518
Open Space Restoration and Repair (S9704)	6,595	779	170	730	450	450	450	450	10,074
Preliminary Engineering and Planning (S9706)	887	320	75	75	100	100	100	100	1,757
Seattle Center Long Range Investment Plan (S0703)	1,286	78	220	0	0	0	0	0	1,584
Site Signage (S9118)	2,972	110	50	50	100	100	100	100	3,582
<b>Campuswide Improvements and Repairs</b>	16,074	2,481	3,174	1,175	968	998	1,018	1,030	26,918
<b>Center House Rehabilitation</b>					<b>BCL/Program Code:</b>				<b>S9113</b>
Center House Food Court Renovation (S1001)	2,113	1,287	0	0	0	0	0	0	3,400
Center House Food Court Renovation - Debt Service (S1002)	62	381	384	384	380	381	382	383	2,737
Center House Rehabilitation (S9113)	11,786	607	1,125	660	700	734	764	789	17,165
<b>Center House Rehabilitation</b>	13,961	2,275	1,509	1,044	1,080	1,115	1,146	1,172	23,302
<b>Facility Infrastructure Renovation and Repair</b>					<b>BCL/Program Code:</b>				<b>S03P02</b>
Roof/Structural Replacement and Repair (S9701)	8,591	47	0	200	162	170	177	183	9,530
Roof/Structural Replacement and Repair - Debt Service (S0304)	6,363	785	779	0	0	0	0	0	7,927
<b>Facility Infrastructure Renovation and Repair</b>	14,954	832	779	200	162	170	177	183	17,457

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Fisher Pavilion</b>					<b>BCL/Program Code:</b>				<b>S9705</b>
Fisher Pavilion Asset Preservation Fund (S0701)	31	39	35	50	256	269	280	288	1,248
<b>Fisher Pavilion</b>	31	39	35	50	256	269	280	288	1,248
<b>KeyArena</b>					<b>BCL/Program Code:</b>				<b>S03P04</b>
KeyArena Improvements & Repairs (S9901)	2,739	807	200	200	549	576	599	619	6,289
<b>KeyArena</b>	2,739	807	200	200	549	576	599	619	6,289
<b>Lot 2 Development Project</b>					<b>BCL/Program Code:</b>				<b>S0501</b>
Lot 2 Development (S0501)	5,713	887	0	0	0	0	0	0	6,600
<b>Lot 2 Development Project</b>	5,713	887	0	0	0	0	0	0	6,600
<b>McCaw Hall Maintenance Fund</b>					<b>BCL/Program Code:</b>				<b>S0303</b>
McCaw Hall Asset Preservation Fund (S0303)	374	1,226	500	500	2,302	1,516	546	3,021	9,985
<b>McCaw Hall Maintenance Fund</b>	374	1,226	500	500	2,302	1,516	546	3,021	9,985
<b>Monorail Improvements</b>					<b>BCL/Program Code:</b>				<b>S9403</b>
Monorail Improvements (S9403)	12,312	1,861	564	769	757	830	792	1,126	19,011
Monorail Improvements Debt Service (S0702)	2,293	551	549	548	550	551	550	0	5,592
<b>Monorail Improvements</b>	14,605	2,412	1,113	1,317	1,307	1,381	1,342	1,126	24,603
<b>Parking Repairs and Improvements</b>					<b>BCL/Program Code:</b>				<b>S0301</b>
Parking Repairs and Improvements (S0301)	1,083	227	480	0	250	250	250	250	2,790
<b>Parking Repairs and Improvements</b>	1,083	227	480	0	250	250	250	250	2,790
<b>Public Gathering Space Improvements</b>					<b>BCL/Program Code:</b>				<b>S9902</b>
Public Gathering Space Improvements (S9902)	2,979	95	790	390	308	319	328	336	5,545
<b>Public Gathering Space Improvements</b>	2,979	95	790	390	308	319	328	336	5,545
<b>Theatre District Improvements</b>					<b>BCL/Program Code:</b>				<b>S0103</b>
Theatre District Improvements (S0103)	5,951	0	0	0	0	0	0	0	5,951
<b>Theatre District Improvements</b>	5,951	0	0	0	0	0	0	0	5,951

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Theatre Improvements and Repairs</b>					<b>BCL/Program Code:</b>				<b>S9604</b>
SIFF Tenant Improvements (S0601)	1,875	0	0	0	0	0	0	0	1,875
Theatre Improvements and Repairs (S9604)	3,636	206	0	0	640	659	675	690	6,506
<b>Theatre Improvements and Repairs</b>	<b>5,511</b>	<b>206</b>	<b>0</b>	<b>0</b>	<b>640</b>	<b>659</b>	<b>675</b>	<b>690</b>	<b>8,381</b>
<b>Utility Infrastructure</b>					<b>BCL/Program Code:</b>				<b>S03P03</b>
Municipal Energy Efficiency Program (S1003)	5	505	125	0	0	0	0	0	635
Utility Infrastructure Master Plan & Repairs (S0101)	4,310	64	275	275	415	435	453	468	6,695
<b>Utility Infrastructure</b>	<b>4,315</b>	<b>569</b>	<b>400</b>	<b>275</b>	<b>415</b>	<b>435</b>	<b>453</b>	<b>468</b>	<b>7,330</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	50	52	55	56	508
<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>	<b>295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>52</b>	<b>55</b>	<b>56</b>	<b>508</b>
<b>Department Total*:</b>	<b>90,034</b>	<b>12,080</b>	<b>8,980</b>	<b>5,151</b>	<b>8,287</b>	<b>7,740</b>	<b>6,869</b>	<b>9,239</b>	<b>148,380</b>

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**





## Seattle Center

### Fund Summary

Fund Name & Code	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
2002B LTGO Capital Project Fund (34700)	5,538	0	0	0	0	0	0	0	5,538
2003 LTGO Capital Project Fund (34800)	7,875	0	0	0	0	0	0	0	7,875
2007 Multipurpose LTGO Bond Fund (35100)	5,166	100	0	0	0	0	0	0	5,266
2011 Multipurpose LTGO Bond Fund (35500)	2,118	1,792	125	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)	19,404	4,236	5,902	3,214	3,591	3,700	3,793	3,867	47,707
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)	22,467	2,767	2,233	1,437	1,427	1,501	1,462	1,246	34,540
KeyArena Settlement Proceeds Fund (00138)	4,077	683	0	0	0	0	0	0	4,760
McCaw Hall Capital Reserve (34070)	74	1,226	500	500	516	530	546	562	4,454
Private Resources (NA)	1,525	0	0	0	0	0	0	0	1,525
Seattle Center Capital Reserve Subfund (34060)	14,056	1,276	220	0	0	0	0	0	15,552
Seattle Center Fund (11410)	88	0	0	0	0	0	0	0	88
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)	1,403	0	0	0	2,753	2,009	1,068	3,564	10,797
<b>Department Total*:</b>	90,034	12,080	8,980	5,151	8,287	7,740	6,869	9,239	148,380

*\*Amounts in thousands of dollars*

### 2013 - 2018 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, assistive-listening devices, automatic doors, portable lifts, and other features that accommodate Seattle Center visitors.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	175	0	0	0	0	0	0	0	175
Real Estate Excise Tax I	278	768	1,489	0	0	0	0	0	2,535
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>	694	768	1,489	0	0	0	0	0	2,951
<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	278	768	1,489	0	0	0	0	0	2,535
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
<b>Total*:</b>	694	768	1,489	0	0	0	0	0	2,951
<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		310	1,458	489	0	0	0	0	2,257
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>		310	1,458	489	0	0	0	0	2,257

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### 2013 - 2018 Proposed Capital Improvement Program

**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 artwork on the Seattle Center campus are maintained by the Office of Arts and Cultural Affairs.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	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	350	79	30	30	30	30	30	30	609
To be determined	0	0	0	0	25	28	30	31	114
<b>Total:</b>	386	79	30	30	55	58	60	61	759
<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	355	79	30	30	30	30	30	30	614
<b>Total*:</b>	386	79	30	30	30	30	30	30	645
<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		15	62	62	30	30	30	30	259
To Be Determined		0	0	0	25	28	30	31	114
<b>Total:</b>		15	62	62	55	58	60	61	373

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**2013 - 2018 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 also is intended to fund certain carpeting, seating, and mechanical improvements.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	1,449	24	0	0	0	0	0	0	1,473
<b>Total:</b>	1,449	24	0	0	0	0	0	0	1,473
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,449	24	0	0	0	0	0	0	1,473
<b>Total*:</b>	1,449	24	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		7	17	0	0	0	0	0	24
<b>Total:</b>		7	17	0	0	0	0	0	24

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**2013 - 2018 Proposed Capital Improvement Program**

**Center House Food Court Renovation**

<b>BCL/Program Name:</b>	Center House 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	2,113	1,287	0	0	0	0	0	0	3,400
<b>Total:</b>	2,113	1,287	0	0	0	0	0	0	3,400
<b>Fund Appropriations/Allocations</b>									
2011 Multipurpose LTGO Bond Fund	2,113	1,287	0	0	0	0	0	0	3,400
<b>Total*:</b>	2,113	1,287	0	0	0	0	0	0	3,400

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**2013 - 2018 Proposed Capital Improvement Program**

**Center House Food Court Renovation - Debt Service**

<b>BCL/Program Name:</b>	Center House 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	62	381	384	384	380	381	382	383	2,737
<b>Total:</b>	62	381	384	384	380	381	382	383	2,737
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	62	381	384	384	380	381	382	383	2,737
<b>Total*:</b>	62	381	384	384	380	381	382	383	2,737

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**Center House Rehabilitation**

<b>BCL/Program Name:</b>	Center House 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 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 Food Court.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,459	607	1,125	660	700	734	764	789	6,838
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>	11,786	607	1,125	660	700	734	764	789	17,165
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,459	607	1,125	660	700	734	764	789	6,838
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>	8,786	607	1,125	660	700	734	764	789	14,165
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2013 - 2018 Proposed Capital Improvement Program**



**Fisher Pavilion Asset Preservation Fund**

<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	31	39	35	50	35	35	35	35	295
To be determined	0	0	0	0	221	234	245	253	953
<b>Total:</b>	31	39	35	50	256	269	280	288	1,248
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	31	39	35	50	35	35	35	35	295
<b>Total*:</b>	31	39	35	50	35	35	35	35	295
<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		3	71	50	35	35	35	35	264
To Be Determined		0	0	0	221	234	245	253	953
<b>Total:</b>		3	71	50	256	269	280	288	1,217

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**2013 - 2018 Proposed Capital Improvement Program**

## Seattle Center

### 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 after the current concessionaire vacates the 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	748	166	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	0	1,000	0	0	0	0	0	1,000
<b>Total:</b>	748	166	1,000	0	0	0	0	0	1,914
<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	748	166	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	0	1,000	0	0	0	0	0	1,000
<b>Total*:</b>	748	166	1,000	0	0	0	0	0	1,914
<b>O &amp; M Costs (Savings)</b>			0	50	50	50	50	50	250
<b>Spending Plan by Fund</b>									
KeyArena Settlement Proceeds Fund		60	106	0	0	0	0	0	166
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		0	100	900	0	0	0	0	1,000
<b>Total:</b>		60	206	900	0	0	0	0	1,166

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

### 2013 - 2018 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, and sealing of building exteriors.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	680	0	140	290	100	110	116	120	1,556
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	639	181	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	113	123	130	135	501
<b>Total:</b>	2,221	181	140	290	213	233	246	255	3,779
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	680	0	140	290	100	110	116	120	1,556
Cumulative Reserve Subfund - Unrestricted Subaccount	793	0	0	0	0	0	0	0	793
Seattle Center Capital Reserve Subfund	639	181	0	0	0	0	0	0	820
2002B LTGO Capital Project Fund	109	0	0	0	0	0	0	0	109
<b>Total*:</b>	2,221	181	140	290	100	110	116	120	3,278
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Center

### Hazardous Materials Abatement

<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>	S86718	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Uptown
<b>Neighborhood District:</b>	Magnolia/Queen Anne		

This ongoing project provides for the investigation of the existence of asbestos, lead, and other hazardous materials in Seattle Center facilities and the abatement of those materials when necessary. Work may include, but is not limited to, removal of asbestos in ceiling tiles, pipe insulation, and floor coverings, and abatement of lead paint.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	85	0	0	0	50	57	62	64	318
Property Sales and Interest Earnings-2	200	0	0	0	0	0	0	0	200
<b>Total:</b>	285	0	0	0	50	57	62	64	518
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	85	0	0	0	50	57	62	64	318
Cumulative Reserve Subfund - Unrestricted Subaccount	200	0	0	0	0	0	0	0	200
<b>Total*:</b>	285	0	0	0	50	57	62	64	518
<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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	1,829	517	0	0	0	0	0	0	2,346
Real Estate Excise Tax I	910	290	200	200	549	576	599	619	3,943
<b>Total:</b>	2,739	807	200	200	549	576	599	619	6,289
<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	1,829	517	0	0	0	0	0	0	2,346
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	910	290	200	200	549	576	599	619	3,943
<b>Total*:</b>	2,739	807	200	200	549	576	599	619	6,289
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
KeyArena Settlement Proceeds Fund		85	432	0	0	0	0	0	517
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		50	340	300	549	576	599	619	3,033
<b>Total:</b>		135	772	300	549	576	599	619	3,550

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	800	0	0	0	0	0	0	0	800
Property Sales and Interest Earnings-2	4,913	887	0	0	0	0	0	0	5,800
<b>Total:</b>	5,713	887	0	0	0	0	0	0	6,600
<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	4,913	887	0	0	0	0	0	0	5,800
<b>Total*:</b>	5,713	887	0	0	0	0	0	0	6,600
<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		80	207	200	200	200	0	0	887
<b>Total:</b>		80	207	200	200	200	0	0	887

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### 2013 - 2018 Proposed Capital Improvement Program

**McCaw Hall Asset Preservation Fund**

<b>BCL/Program Name:</b>	McCaw Hall Maintenance 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 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. Contributions come from the City and from the two resident tenants of McCaw Hall, Seattle Opera and Pacific Northwest Ballet.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	300	0	0	0	0	0	0	0	300
Real Estate Excise Tax I	0	600	250	250	258	265	273	281	2,177
Private Funding/Donations	74	626	250	250	258	265	273	281	2,277
To be determined	0	0	0	0	1,786	986	0	2,459	5,231
<b>Total:</b>	374	1,226	500	500	2,302	1,516	546	3,021	9,985
<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	74	1,226	500	500	516	530	546	562	4,454
<b>Total*:</b>	374	1,226	500	500	516	530	546	562	4,754
<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		936	790	500	515	530	463	646	4,380
To Be Determined		0	0	0	1,786	986	0	2,459	5,231
<b>Total:</b>		936	790	500	2,301	1,516	463	3,105	9,611

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**2013 - 2018 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, guideway renovation, and station upgrades.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Federal Grant Funds	5,008	1,417	414	615	605	664	634	900	10,257
Private Funding/Donations	647	172	75	77	76	83	79	113	1,322
Property Sales and Interest Earnings-2	569	172	75	77	76	83	79	113	1,244
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	4,613	100	0	0	0	0	0	0	4,713
<b>Total:</b>	12,312	1,861	564	769	757	830	792	1,126	19,011
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	7,224	1,761	564	769	757	830	792	1,126	13,823
2003 LTGO Capital Project Fund	475	0	0	0	0	0	0	0	475
2007 Multipurpose LTGO Bond Fund	4,613	100	0	0	0	0	0	0	4,713
<b>Total*:</b>	12,312	1,861	564	769	757	830	792	1,126	19,011
<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		395	1,152	1,152	1,152	830	792	1,126	6,599
2003 LTGO Capital Project Fund		0	0	0	0	0	0	0	0
2007 Multipurpose LTGO Bond Fund		100	0	0	0	0	0	0	100
<b>Total:</b>		495	1,152	1,152	1,152	830	792	1,126	6,699

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Federal Grant Funds	670	300	300	300	300	300	300	0	2,470
Property Sales and Interest Earnings-2	1,070	251	249	248	250	251	250	0	2,569
General Obligation Bonds	553	0	0	0	0	0	0	0	553
<b>Total:</b>	2,293	551	549	548	550	551	550	0	5,592
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,740	551	549	548	550	551	550	0	5,039
2007 Multipurpose LTGO Bond Fund	553	0	0	0	0	0	0	0	553
<b>Total*:</b>	2,293	551	549	548	550	551	550	0	5,592
<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		300	300	300	300	300	300	0	1,800
2007 Multipurpose LTGO Bond Fund		250	249	248	250	251	251	0	1,499
<b>Total:</b>		550	549	548	550	551	551	0	3,299

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	5	505	125	0	0	0	0	0	635
<b>Total:</b>	5	505	125	0	0	0	0	0	635
<b>Fund Appropriations/Allocations</b>									
2011 Multipurpose LTGO Bond Fund	5	505	125	0	0	0	0	0	635
<b>Total*:</b>	5	505	125	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		395	235	0	0	0	0	0	630
<b>Total:</b>		395	235	0	0	0	0	0	630

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,203	779	170	730	450	450	450	450	5,682
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>	<b>6,595</b>	<b>779</b>	<b>170</b>	<b>730</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>10,074</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,203	779	170	730	450	450	450	450	5,682
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>	<b>6,595</b>	<b>779</b>	<b>170</b>	<b>730</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>10,074</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	505	444	730	450	450	450	450	3,479
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>	505	444	730	450	450	450	450	3,479

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	153	197	480	0	250	250	250	250	1,830
Property Sales and Interest Earnings-2	150	10	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	0	0	0	0	0
<b>Total:</b>	1,083	227	480	0	250	250	250	250	2,790

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

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	153	197	480	0	250	250	250	250	1,830
Cumulative Reserve Subfund - Unrestricted Subaccount	150	10	0	0	0	0	0	0	160
Seattle Center Capital Reserve Subfund	780	20	0	0	0	0	0	0	800
<b>Total*:</b>	1,083	227	480	0	250	250	250	250	2,790

<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
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#### **Spending Plan by Fund**

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	150	527	0	250	250	250	250	1,677
Cumulative Reserve Subfund - Unrestricted Subaccount	10	0	0	0	0	0	0	10
Seattle Center Capital Reserve Subfund	20	0	0	0	0	0	0	20
To Be Determined	0	0	0	0	0	0	0	0
<b>Total:</b>	180	527	0	250	250	250	250	1,707

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### **2013 - 2018 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 Master Plan.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	501	149	75	75	100	100	100	100	1,200
Property Sales and Interest Earnings-2	386	171	0	0	0	0	0	0	557
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	887	320	75	75	100	100	100	100	1,757
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	501	149	75	75	100	100	100	100	1,200
Cumulative Reserve Subfund - Unrestricted Subaccount	386	171	0	0	0	0	0	0	557
<b>Total*:</b>	887	320	75	75	100	100	100	100	1,757
<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	125	124	100	100	100	100	699
Cumulative Reserve Subfund - Unrestricted Subaccount		80	91	0	0	0	0	0	171
To Be Determined		0	0	0	0	0	0	0	0
<b>Total:</b>		130	216	124	100	100	100	100	870

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	503	0	700	300	0	0	0	0	1,503
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Property Sales and Interest Earnings-2	996	95	90	90	90	90	90	90	1,631
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	218	229	238	246	931
<b>Total:</b>	2,979	95	790	390	308	319	328	336	5,545
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	503	0	700	300	0	0	0	0	1,503
Cumulative Reserve Subfund - Unrestricted Subaccount	1,056	95	90	90	90	90	90	90	1,691
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>	2,979	95	790	390	90	90	90	90	4,614
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	700	300	0	0	0	0	1,000
Cumulative Reserve Subfund - Unrestricted Subaccount	90	90	90	90	90	90	90	630
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	218	229	238	246	931
<b>Total:</b>	90	790	390	308	319	328	336	2,561

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	657	47	0	200	162	170	177	183	1,596
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
<b>Total:</b>	8,591	47	0	200	162	170	177	183	9,530

#### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	657	47	0	200	162	170	177	183	1,596
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>	8,591	47	0	200	162	170	177	183	9,530

<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
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#### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	47	0	0	162	170	177	183	739
Cumulative Reserve Subfund - Unrestricted Subaccount	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
<b>Total:</b>	47	0	0	162	170	177	183	739

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	5,531	785	779	0	0	0	0	0	7,095
General Obligation Bonds	832	0	0	0	0	0	0	0	832
<b>Total:</b>	6,363	785	779	0	0	0	0	0	7,927
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	5,531	785	779	0	0	0	0	0	7,095
2003 LTGO Capital Project Fund	832	0	0	0	0	0	0	0	832
<b>Total*:</b>	6,363	785	779	0	0	0	0	0	7,927
<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		784	780	0	0	0	0	0	1,564
2003 LTGO Capital Project Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		784	780	0	0	0	0	0	1,564

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### 2013 - 2018 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 of, and planning for, the implementation of a new Seattle Center 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	1,286	78	220	0	0	0	0	0	1,584
<b>Total:</b>	1,286	78	220	0	0	0	0	0	1,584
<b>Fund Appropriations/Allocations</b>									
Seattle Center Capital Reserve Subfund	1,286	78	220	0	0	0	0	0	1,584
<b>Total*:</b>	1,286	78	220	0	0	0	0	0	1,584
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Seattle Center Capital Reserve Subfund		58	120	120	0	0	0	0	298
<b>Total:</b>		58	120	120	0	0	0	0	298

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

**2013 - 2018 Proposed Capital Improvement Program**

## Seattle Center

### SIFF Tenant Improvements

<b>BCL/Program Name:</b>	Theatre Improvements and Repairs	<b>BCL/Program Code:</b>	S9604
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2006
<b>Project ID:</b>	S0601	<b>End Date:</b>	Q4/2012
<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 tenant improvements related to the move of the Seattle International Film Festival (SIFF) to Seattle Center. Improvements include, but are not limited to, alterations and improvements to the Nesholm Family Lecture Hall at McCaw Hall to support the presentation of films, equipment purchases, and build-out of the Alki Room to house SIFF's administrative offices and film center.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	350	0	0	0	0	0	0	0	350
Private Funding/Donations	1,525	0	0	0	0	0	0	0	1,525
<b>Total:</b>	1,875	0	0	0	0	0	0	0	1,875
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	350	0	0	0	0	0	0	0	350
Private Resources	1,525	0	0	0	0	0	0	0	1,525
<b>Total*:</b>	1,875	0	0	0	0	0	0	0	1,875
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	91	0	50	50	100	100	100	100	591
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	1,790	110	0	0	0	0	0	0	1,900
<b>Total:</b>	2,972	110	50	50	100	100	100	100	3,582
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	91	0	50	50	100	100	100	100	591
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	1,790	110	0	0	0	0	0	0	1,900
<b>Total*:</b>	2,972	110	50	50	100	100	100	100	3,582
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	50	50	100	100	100	100	500
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	90	20	0	0	0	0	0	110
<b>Total:</b>	90	70	50	100	100	100	100	610

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### 2013 - 2018 Proposed Capital Improvement Program

# Seattle Center

## Theatre District Improvements

<b>BCL/Program Name:</b>	Theatre District Improvements	<b>BCL/Program Code:</b>	S0103
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	S0103	<b>End Date:</b>	ONGOING
<b>Location:</b>	Mercer St/2nd Ave N/5th 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 improvements to the Theatre District area of the campus, from Roy Street to Republican Street, at the north end of Seattle Center. Improvements may include, but are not limited to, open space and pedestrian improvements, landscape renovation, property acquisition, development of concept plans, and lighting and signage improvements.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	1,500	0	0	0	0	0	0	0	1,500
Real Estate Excise Tax I	600	0	0	0	0	0	0	0	600
Property Sales and Interest Earnings-2	57	0	0	0	0	0	0	0	57
General Subfund Revenues	88	0	0	0	0	0	0	0	88
Private Funding/Donations	1,800	0	0	0	0	0	0	0	1,800
Property Sales and Interest Earnings-2	353	0	0	0	0	0	0	0	353
General Obligation Bonds	150	0	0	0	0	0	0	0	150
Private Funding/Donations	1,403	0	0	0	0	0	0	0	1,403
<b>Total:</b>	5,951	0	0	0	0	0	0	0	5,951
<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	1,500	0	0	0	0	0	0	0	1,500
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	600	0	0	0	0	0	0	0	600
Cumulative Reserve Subfund - Unrestricted Subaccount	57	0	0	0	0	0	0	0	57
Seattle Center Fund	88	0	0	0	0	0	0	0	88
Seattle Center Capital Reserve Subfund	2,153	0	0	0	0	0	0	0	2,153
2002B LTGO Capital Project Fund	150	0	0	0	0	0	0	0	150
<b>Total*:</b>	4,548	0	0	0	0	0	0	0	4,548
<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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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	1,543	76	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	390	409	425	440	1,664
<b>Total:</b>	3,636	206	0	0	640	659	675	690	6,506
<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	1,543	76	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>	3,636	206	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		30	100	0	250	250	250	250	1,130
Cumulative Reserve Subfund - Unrestricted Subaccount		4	72	0	0	0	0	0	76
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
To Be Determined		0	0	0	390	409	425	440	1,664
<b>Total:</b>		34	172	0	640	659	675	690	2,870

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### 2013 - 2018 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; replacement of water and fire mains; connectivity improvements; and electrical infrastructure upgrades.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,921	64	275	275	415	435	453	468	5,306
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>	4,310	64	275	275	415	435	453	468	6,695
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,921	64	275	275	415	435	453	468	5,306
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>	4,310	64	275	275	415	435	453	468	6,695
<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		64	250	300	415	435	453	468	2,385
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>		64	250	300	415	435	453	468	2,385

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	295	0	0	0	50	52	55	56	508
<b>Total:</b>	295	0	0	0	50	52	55	56	508
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	295	0	0	0	50	52	55	56	508
<b>Total*:</b>	295	0	0	0	50	52	55	56	508
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

**SEATTLE PUBLIC  
LIBRARY**



## Overview

The Seattle Public Library's facilities include 26 branch libraries and the Central Library, as well as a storage facility and leased shops space. In 2008, the Library completed the final building projects of a system wide capital program, known as "Libraries for All" (LFA). As a result of this \$290.7 million program, which was funded by a combination of public and private sources, Seattle has 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. We have ten buildings that are designated historic landmarks, including 7 Carnegie-era libraries, built in the early 1900s, and three landmark modern buildings. Most of the remaining branch libraries are either LFA new construction (eight buildings) or non-landmarked buildings developed between the 1950s and the 1970s (three buildings). An additional five small library branches are essentially storefronts, four of which are part of larger buildings. In a class by itself is the Central Library. This 12-story 363,000 square foot building serves as headquarters and hub of the library system, housing 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.

The Library's ongoing major maintenance program, largely put on hold during the ten-year LFA capital renewal program, was reinstated in 2007 when the majority of new or refurbished libraries had reopened. Like other general government departments, Library's capital program is highly dependent on the City's real estate excise taxes (REET). As a result of the Great Recession available REET resources have been greatly constrained which resulted in reduced funding levels available for Library's major maintenance program. In recognition of this, the City augmented Library's REET funding levels in 2011 and 2012 with an additional \$220,000 of General Fund support.

During 2012 the Library worked with the Mayor and City Council to develop a Library Levy proposal that the voters approved on August 7, 2012. One of the core areas funded by this proposal is major maintenance. The Library Levy will provide funding of approximately \$2.79 million in 2013, and City REET will provide funding of \$500,000 for total 2013 funding of approximately \$3.29 million for general major maintenance. The 2013-2018 CIP will sustain LFA improvements with appropriate asset management in this critical period when all our buildings pass the ten year mark from their LFA construction/renovation.

The Library Major Maintenance BCL is the primary capital project, providing ongoing funding for work that preserves or improves building integrity, efficiency and functionality. The proposed CIP also provides \$177,000 in 2013 REET funding for ADA access improvements in the ADA Improvements – Library BCL.

## 2013-2018 CIP

The Library's spending falls under two major categories – Major Maintenance and ADA Improvements - Library. Otherwise defined as "asset management," Major Maintenance covers the core stewardship of library buildings to ensure building integrity and functionality. Even with the addition of Levy funds, the Library's capital program is still small compared to most other departments, and the Major Maintenance BCL provides the flexibility to enable the Library to combine careful advance planning with the flexibility to respond to maintenance issues that arise during the course of a year.

## The Seattle Public Library

Levy funding will become the Library's major CIP revenue source, with important contributions from REET both for general major maintenance and ADA improvements. The proposed budget shifts \$820,000 from the 2012 level of City REET/General Fund support for the Library's capital program to the Levy, which will provide a total \$2.79 million for core major maintenance. A new REET allocation of \$500,000 in both 2013 and 2014 will fund efforts to restructure Library spaces to support new uses of libraries as places for community engagement and learning.

The City is making a smaller reduction to the Library's operating budget than anticipated in the original levy plan in exchange for shifting full funding of core maintenance activities to the Levy. The net impact on the Library is the same as established in the Levy financial plan – about \$5 million. The additional allocation of \$500,000 of REET funds in each year of the biennium provides a new opportunity to make strategic improvements to Library facilities. The Library's 2013 allocation of \$177,000 in REET funding for ADA access improvements is part of a citywide effort that is prioritized separately.

### 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 proposed 2013 CIP major maintenance budget of \$2.7 million matches the projection of need calculated in that plan, as do the amounts indicated for 2014-2018. The Library is grateful for the opportunity to avoid deferred maintenance, keeping these community hubs in excellent condition.

Library buildings are probably the most intensively-used public 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 70,000 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, and 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. We do 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

#### Asset Preservation

The overriding priority of the Library's capital program is extending the useful life of buildings for 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. The Library has allocated approximately \$1,650,000 of its 2013 CIP to branch asset preservation work, including a package of modest but important refurbishment work at the NewHolly and Capitol Hill branches, both of which were among the earliest Libraries for All (LFA) construction projects. As buildings reach the ten year mark, they generally require attention to flooring, casework, finishes and restroom fixtures. The Green Lake Branch is due for some major roof and building envelope repairs, and the Douglass-Truth Branch is slated for more minor

## The Seattle Public Library

roof work. At the Ballard Branch the Library will install a code-required noise shield for the HVAC system. Restrooms at several branches will be refurbished. Additional branch asset preservation work addresses doors, windows and parking lot maintenance.

The Library has allocated approximately \$460,000 in 2013 for asset preservation work at the Central Library. The Library will replace the uninterruptible power supply (UPS) in the data center that serves the entire system, to ensure it can be serviced safely. 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. In 2013 the Library expects to spend about \$73,000 improving lighting at the Broadview Branch and making various lighting and signage improvements in branch locations. The Library has allocated about \$335,000 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. An allocation of approximately \$45,000 will support operational efficiency improvements to the Library's shops space.

The Library will allocate \$500,000 to planning and implementation of improvements to address changes in usage patterns and enhance public use of Library spaces. Strategic changes to branch and Central Library spaces will focus on increasing flexibility, expanding learning opportunities and encouraging interaction.

### Safety and Security of Public and Staff

Repairs and building improvements that enhance the safety of library buildings are the third main priority guiding the Library's decision-making regarding allocation of its capital resources. ADA access improvements are one aspect of safety considerations. In 2013 the Library will allocate approximately \$183,000 under the Major Maintenance CIP Project to branch-related safety and security work, such as parking lot safety improvements at the Columbia and Southwest Branches. In addition, the entire 2013 allocation of \$177,000 to the ADA Improvements Project will be allocated to branches for a variety of building access improvements. The Library expects to allocate approximately \$45,000 under the Major Maintenance CIP for security improvements at the Central Library.

## **Project Selection Criteria**

In selecting major maintenance work to accomplish each year, the Library evaluates the impact on safety to the public and staff, preservation of building integrity, 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 our 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. Proposals for work designed to change the functional use of space are developed by Library public services managers. Such proposals are evaluated for feasibility, cost and urgency. 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.

## **2013 - 2018 Proposed Capital Improvement Program**

## **The Seattle Public Library**

The Library is unlike other CIP departments in that it has only one relatively small CIP project composed of numerous small-scale work items that address standard asset management objectives. Many of our 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 facilities are currently planned.

### **Future Projects/What is on the Horizon**

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.

More fundamentally, the Library will need to work with the Mayor and City Council prior to the end of the seven year Library Levy to develop a strategy for continuing capital improvement program support for the Library, whether in the form of a renewed Levy, re-instituted REET support, or some other mechanism.



# The Seattle Public Library

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>ADA Improvements - Library</b>					<b>BCL/Program Code:</b>				<b>B301112</b>
ADA Improvements - Library (B301112)	1	256	177	0	0	0	0	0	434
<b>ADA Improvements - Library</b>	1	256	177	0	0	0	0	0	434
<b>Library Major Maintenance</b>					<b>BCL/Program Code:</b>				<b>B301111</b>
Library Major Maintenance (B301111)	2,304	896	3,248	3,556	3,395	3,580	3,216	3,522	23,717
<b>Library Major Maintenance</b>	2,304	896	3,248	3,556	3,395	3,580	3,216	3,522	23,717
<b>Department Total*:</b>	2,305	1,152	3,425	3,556	3,395	3,580	3,216	3,522	24,151

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**



# The Seattle Public Library

## Fund Summary

Fund Name & Code	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
2012 Library Levy Fund (31940)	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	2,098	919	677	500	0	0	0	0	4,194
General Subfund (00100)	207	233	0	0	0	0	0	0	440
Library Capital Subfund (10450)	0	0	2,748	3,056	3,395	3,580	3,216	3,522	19,517
<b>Department Total*:</b>	<b>2,305</b>	<b>1,152</b>	<b>3,425</b>	<b>3,556</b>	<b>3,395</b>	<b>3,580</b>	<b>3,216</b>	<b>3,522</b>	<b>24,151</b>

*\*Amounts in thousands of dollars*

**2013 - 2018 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

The United States Department of Justice (DOJ) conducted an audit of some, but not all, 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 that the DOJ has requested the City update or modify in order to be improve accessibility. This project represents ADA improvements for the Seattle Public Library.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1	256	177	0	0	0	0	0	434
<b>Total:</b>	1	256	177	0	0	0	0	0	434
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1	256	177	0	0	0	0	0	434
<b>Total*:</b>	1	256	177	0	0	0	0	0	434

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Subfund Revenues	207	233	0	0	0	0	0	0	440
Real Estate Excise Tax I	2,097	663	500	500	0	0	0	0	3,760
Seattle Voter-Approved Levy	0	0	2,748	3,056	3,395	3,580	3,216	3,522	19,517
Seattle Voter-Approved Levy	0	0	0	0	0	0	0	0	0
<b>Total:</b>	2,304	896	3,248	3,556	3,395	3,580	3,216	3,522	23,717
<b>Fund Appropriations/Allocations</b>									
General Subfund	207	233	0	0	0	0	0	0	440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,097	663	500	500	0	0	0	0	3,760
Library Capital Subfund	0	0	2,748	3,056	3,395	3,580	3,216	3,522	19,517
2012 Library Levy Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	2,304	896	3,248	3,556	3,395	3,580	3,216	3,522	23,717
<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.

## 2013 - 2018 Proposed Capital Improvement Program

## Overview

The Seattle Department of Transportation (SDOT) develops, maintains, and operates a transportation system that promotes the safe and efficient mobility of people and goods, and enhances the quality of life, environment, and economy of Seattle and the surrounding region. The transportation infrastructure is valued at over \$13 billion. Major system assets include: 1,540 lane-miles of arterial streets, 2,412 lane-miles of non-arterial 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.

Transportation activities in the City of Seattle reflect its role as a mature major city. Roughly a quarter of the land area within city limits is dedicated to travel. As a mature city, Seattle rarely creates new road transportation facilities. The City optimizes or redevelops existing facilities to make them safer, more efficient and supportive of diverse urban needs. The City also maintains or improves critical transportation infrastructure of regional, statewide and national significance in cooperation with external partners.

## 2013-2018 CIP

The Transportation Capital Improvement Program includes planned spending of \$1.53 billion over the 2013-2018 six-year period. Highlights of the Proposed CIP include the following:

- **Walk Bike Ride**

The 2013-2018 Proposed CIP includes several projects that are consistent with the Mayor's Walk Bike Ride initiative, which aims to make walking, biking, and riding transit the easiest ways to get around in Seattle. Over the six-year period, the CIP includes over \$35.5 million for implementation of the Bicycle Master Plan and \$39.6 million for implementation of the Pedestrian Master Plan. The Transit Master Plan was completed in early 2012, and the CIP includes investments to implement key components of the plan. The CIP includes the following new pedestrian, bicycle, and transit investments:

- **Safe Routes to School**

- The CIP includes \$800,000 of Real Estate Excise Tax (REET) in 2013 for three new Safe Routes to School projects: sidewalk extension and curb bulb installation at McGilvra Elementary, intersection redesign and curb bulb installation at Beacon Hill Elementary, and a traffic signal and diverter at West Woodland Elementary.

- **Sidewalk Safety Repair**

- Using one-time Bridging the Gap Levy fund balance, the CIP programs \$200,000 in 2013 and \$400,000 in 2014 for Sidewalk Safety Repair, emphasizing projects located in Urban Villages and supporting low-income communities. This investment will increase the delivery of sidewalk repair in 2013 and 2014 by 5,000 feet annually.

- **Sound Transit North Link Station Bike and Pedestrian Improvements**

- The 2013-2018 Proposed CIP adds this new project, which 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.

- **Third Avenue Corridor Improvements**

- The CIP invests \$1 million of REET in 2013 to make important capital upgrades to Third Avenue downtown. These improvements include a major sidewalk expansion and enhancement near

## 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

Macy's department store, upgrading all remaining pedestrian signals to countdown signals, and re-marking all faded crosswalks in the corridor.

### **Eastlake High Capacity Transit**

The CIP includes a \$2 million investment of Commercial Parking Tax to develop a conceptual design, scope of work, and cost estimate for a high-capacity transit route between Downtown Seattle and the University District along Eastlake Avenue, eventually extending to the Roosevelt neighborhood, consistent with recommendations in the Transit Master Plan. Development of the conceptual design report will include engagement of transit agencies, stakeholders and the general public to discuss corridor design options and tradeoffs.

### **Ship Canal Crossing**

As part of SDOT's current work to develop recommendations for implementation of high capacity transit alternatives between Ballard and Downtown Seattle, the CIP includes \$500,000 of REET in 2013 to develop conceptual designs and cost estimates for a new ship canal crossing for transit, pedestrians and bicycles. This will build on the Ballard-Fremont-South Lake Union-Downtown corridor identified in the Transit Master Plan, and will be done in conjunction with Sound Transit.

### **Madison Corridor Improvements**

Using one-time fund balance from the Bridging the Gap Levy, the 2013-2018 Proposed CIP adds \$350,000 in 2013 and \$500,000 in 2014 to the Transit Corridor Improvements project, with a focus on the Madison corridor as identified in the Transit Master Plan. This funding will support conceptual design work and environmental review of the corridor.

### **Transit Master Investment Reserve**

In 2014, \$2.5 million is designated in a reserve outside of SDOT's budget for further implementation of the Transit Master Plan. The Transit Master Plan Investment Reserve will provide local matching funds to continue the next phase of work on the priority high capacity transit service corridors identified in the Transit Master Plan, which will focus on design, engineering and environmental review. It is expected that the Center City Connector will be the first corridor to reach this phase. The Investment Reserve will help the City secure federal grant funding to complete planning work in these corridors.

- **Enhanced Paving Plan**

In recognition of the significant street surface repair needs throughout the city, the 2013-2018 Proposed CIP continues the Enhanced Paving Plan that began mid-year 2011. Through the Arterial Major Maintenance program, the CIP includes \$1.65 million of annual funding for this purpose, funded by Rubble Yard proceeds in 2013 and by the Commercial Parking Tax in 2014 through 2018. In addition, in 2013 and 2014, a further \$3.04 million of REET is allocated each year to this project. Depending on project size and the mix of asphalt versus concrete construction, this funding will deliver between 11 and 15 lane-miles of paving across 48-60 locations around the city each year. Finally, the CIP adds \$1.15 million annually for non-arterial street repair.

- **Alaskan Way Viaduct & Seawall Replacement Program (AWVSRP)**

The Alaskan Way Viaduct & Seawall Replacement Program (AWVSRP) is a series of sub-projects pertaining to the replacement of State Route 99 along the Seattle waterfront. The program includes the City's involvement in the viaduct demolition and removal, the SR-99 Bored Tunnel, the Elliott Bay Seawall, Waterfront Seattle Public Space and Surface Streets, Battery Street Tunnel decommissioning, and the Holgate to King South End project. In SDOT's 2013-2018 Proposed CIP, the AWVSRP has been reorganized by creating new projects for the Elliot Bay Seawall and the

## 2013 - 2018 Proposed Capital Improvement Program



## Seattle Department of Transportation

Waterfront Improvement Program. These components were previously incorporated into the Alaskan Way Viaduct & Seawall Replacement project. The AWVSRP is now comprised of four projects in SDOT's CIP:

### **Alaskan Way Viaduct & Seawall Replacement**

The Alaskan Way Viaduct & Seawall 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. This project also incorporates costs for the Waterfront and Seawall prior to 2013.

### **Elliott Bay Seawall Project**

The Elliott Bay Seawall is essential both to public safety and to the local and regional economy. The current aging Seawall is not designed to withstand seismic events and failure could lead to widespread property damage, injury and loss of life while severely disrupting public transportation and commerce. Replacement of the Seawall from Washington to Virginia streets (also known as the Central Seawall) is estimated to cost \$300 million. Project design is expected to be completed in 2013. For more information about the Seawall project, visit <http://www.seattle.gov/transportation/seawall.htm>.

### **Waterfront Improvement Program**

The Central Waterfront Public Spaces and Surface Streets component, also known as Waterfront Seattle, has reached conceptual planning milestones, and the Central Waterfront Concept Design and Framework Plan has been developed. Among other considerations, the next phases of design 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. In 2013 and 2014, the Waterfront Improvement Program includes support for preliminary design collaboration with the Market's "PC-1" north site development and the Aquarium's future renovation. The estimate for Waterfront Seattle, including surface street costs funded by the State, is \$769 million. For more information about Waterfront Seattle, visit <http://waterfrontseattle.org>.

### **Mercer Corridor Project - West Phase**

The Mercer Corridor Project - West Phase project will convert Mercer Street to a two-way street between Dexter Ave and Elliott Ave West. The project supports vehicular mobility in the vicinity of the north tunnel portal and completes the vital east-west corridor from Elliott Bay to I-5. SDOT has completed final plans, specifications and cost estimates for the project and has secured all of the necessary local, state and federal funding to fully fund construction. Construction is expected to be completed in 2015 and is estimated to cost \$95.1 million.

Revenue supporting the AWVSRP corresponds with the strategic recommendations submitted by the Central Waterfront Partnerships Committee (CWPC) in July 2012. Although not secured, the funding plan anticipates a Seawall Bond Levy, the formation of a local improvement district, partnerships with the Pike Place Market and Seattle Aquarium, a future waterfront levy, and private philanthropic support. Major City funding sources in 2013 and 2014 include the following:

#### *Seawall Bond Levy*

The Proposed CIP includes revenue from the \$290 million bond measure that is for consideration on the November 6 General Election ballot. The bond levy would fund construction of the new seawall from South Washington Street to Virginia Street and provide funds toward replacing the deteriorated pilings and decking of the two City-owned piers that extend from the seawall: Pier 58, known as Waterfront Park, and Pier 62/ 63, both of which are owned and operated by the Seattle Parks Department.

## **2013 - 2018 Proposed Capital Improvement Program**

## Seattle Department of Transportation

### *Local Improvement District*

The Proposed CIP includes revenue from a future Local Improvement District (LID) to help fund portions of the Waterfront Improvement Program envisioned in the Central Waterfront Concept Design. The City intends to form and confirm the assessment roll for a local improvement district in 2014. In anticipation of the creation of the LID, an interfund loan was established in 2012 to support costs eligible for funding by a future Local Improvement District. The Proposed Budget increases the size of the interfund loan to support anticipated 2013 costs.

### *Commercial Parking Tax*

Certain AWVSRP costs are supported by Commercial Parking Tax (CPT) revenue authorized in 2011 at a 2.5% rate. AWV-CPT supports approximately \$70 million in expenditures for the Mercer Corridor West Phase, the Parking Program, and Project Services components and pre-construction costs for the Waterfront Seattle and Seawall components. The majority of these expenditures are bond-financed with debt service supported by CPT receipts.

- **First Hill Streetcar**

The Proposed CIP includes \$133 million of Sound Transit ST2 funding for the First Hill Streetcar project under an interlocal agreement signed in 2009. 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 and operate the same hours as the light rail system. Construction is underway and substantial completion is anticipated in spring 2014.

In 2013, preliminary engineering will occur on the Broadway Streetcar Extension project, which will extend the First Hill Streetcar to the north end of Broadway. Funding for final design and construction of the extension has not been determined.

- **Bridging the Gap Major Projects**

Construction activities on major transportation projects, supported in-part by the Bridging the Gap funding package, are winding down. The Spokane Street Viaduct and King Street Station Phase II are expected to reach substantial completion prior to 2013, and the CIP reflects their closeout. The Mercer Corridor Project - East Phase, which implements a comprehensive package of transportation improvements in the Mercer Corridor in South Lake Union, will be in the final construction phases with substantial completion anticipated in 2013.

- **Vehicle Licensing Fee**

The 2013-2018 CIP continues the allocation of the \$20 Vehicle License Fee (VLF) as recommended by the Citizens Transportation Advisory Committee (CTAC 3). Funding totals \$6.8 million annually, and reflects the committee's recommendations, which add significant funding to pavement preservation, sidewalk safety access, transit corridors, and bicycle improvements.

## **CIP Revenue Sources**

Funding and financing for the projects in SDOT's 2013-2018 Proposed CIP comes from the following sources:

- **Bridging the Gap (\$220 million, 14%)**  
In 2006, Seattle voters approved the Bridging the Gap (BTG) initiative to repair and improve Seattle's streets, bike trails, sidewalks, and bridges. The funding package includes a commercial parking tax

### **2013 - 2018 Proposed Capital Improvement Program**

## Seattle Department of Transportation

and a property tax levy. In addition to direct cash expenditures, BTG funds also support some long-term financing, listed below.

- **Other Local Revenues (\$495 million, 32%)**  
In addition to Bridging the Gap, other local funding sources for the Transportation CIP include the City's General Fund, Gas Tax, Real Estate Excise Tax (REET), the \$20 Vehicle License Fee, surplus property sales, a portion of the Commercial Parking Tax, and a proposed property tax levy for the Elliott Bay Seawall.
- **Long-Term Financing (\$286 million, 19%)**  
Several major projects are partially financed with general obligation bonds. The debt service on these bonds is supported by the Commercial Parking Tax, anticipated local improvement district revenues, and other sources.
- **External Funding (\$474 million, 31%)**  
SDOT is highly successful in securing competitive state and federal grants. This category also includes partners in regional efforts, such as King County, Sound Transit, the Port of Seattle, and the Washington State Department of Transportation, and funding from the city's utilities for utility relocations and betterments in association with transportation projects.
- **To Be Determined (\$51 million, 3%)**  
A small portion of the CIP requires funding sources that have not yet been identified.

### Thematic Priorities and Project Selection

The role of the transportation system is to connect people, places and products. To accomplish this, SDOT's thematic priorities for building and maintaining its capital infrastructure are:

- **Productivity** – shared prosperity and economic security
- **Livability** – support for neighborhoods as safe and healthy places to live, work, learn, and play
- **Equity** – fairness and inclusiveness for all
- **Sustainability** – stewardship of the natural and built environments as well as financial stewardship

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 needs.

A number of factors can impact SDOT's project and funding decisions. These can include 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 coordinated projects with other agencies can also affect SDOT's decisions.

Each program area uses different criteria to rank and select projects, based on the thematic priorities as tailored to the specific program purposes. For example, assessment of Bridge Rehabilitation and Replacement projects begins with an inspection in compliance with national standards, then also considers public safety, economic benefits, social equity, and support for all transportation modes. Potential neighborhood traffic circles are ranked based on the number of documented collisions, traffic speeds, and traffic volumes.

## **Seattle Department of Transportation**

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>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Debt Service Program</b>						<b>BCL/Program Code:</b>			<b>18002D</b>
Debt Service - CRF (TC320060)	14,853	1,529	1,361	1,362	1,362	1,346	1,344	850	24,008
<b>Debt Service Program</b>	14,853	1,529	1,361	1,362	1,362	1,346	1,344	850	24,008
<b>Major Maintenance/Replacement</b>						<b>BCL/Program Code:</b>			<b>19001</b>
Arterial Asphalt and Concrete Program (TC365440)	141,160	36,070	11,945	18,903	13,799	19,350	19,350	19,350	279,927
Arterial Major Maintenance (TC365940)	12,949	3,958	5,940	5,940	2,900	2,900	2,900	2,900	40,387
Bike Master Plan Implementation (TC366760)	15,165	6,710	5,777	6,852	5,579	5,648	5,756	5,929	57,416
Bridge Load Rating (TC365060)	2,335	315	258	265	273	281	290	299	4,316
Bridge Painting Program (TC324900)	13,153	4,695	2,135	2,135	2,135	2,135	2,135	2,135	30,658
Bridge Rehabilitation and Replacement (TC366850)	36,454	42,065	0	1,236	18,115	345	0	0	98,215
Bridge Seismic - Phase III (TC367300)	0	0	95	0	0	0	0	0	95
Bridge Seismic Retrofit Phase II (TC365810)	13,292	17,483	6,976	2,518	0	0	0	0	40,269
Hazard Mitigation Program - Areaways (TC365480)	4,485	753	326	337	346	355	364	373	7,339
Hazard Mitigation Program - Landslide Mitigation Projects (TC365510)	6,131	1,256	408	412	416	421	427	440	9,911
Miscellaneous, Unforeseen, and Emergencies (TC320030)	1,123	0	0	0	0	0	0	0	1,123
Non-Arterial Asphalt Street Resurfacing (TC323920)	1,973	109	765	774	782	785	788	792	6,768
Non-Arterial Concrete Rehabilitation (TC323160)	2,122	388	900	910	920	926	933	941	8,040
Retaining Wall Repair and Restoration (TC365890)	3,742	213	212	212	212	212	212	212	5,227
Rubble Yard Facilities Relocation (TC367340)	0	896	0	0	0	0	0	0	896
Sidewalk Safety Repair (TC365120)	10,783	1,814	2,070	2,326	1,997	2,037	2,088	2,151	25,266
South Park Bridge (TC365780)	715	429	10,212	5,094	48	10	0	0	16,508
Street Lighting Program (TC366900)	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000

*\*Amounts in thousands of dollars*

### 2013 - 2018 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>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
University Bridge Control System Upgrade (TC367290)	0	0	270	0	0	0	0	0	270
<b>Major Maintenance/Replacement</b>	265,582	117,154	48,289	48,914	48,522	36,405	36,243	36,522	637,631
<b>Major Projects</b>									<b>BCL/Program Code: 19002</b>
Alaskan Way Viaduct & Seawall Replacement (TC366050)	59,921	34,767	5,800	7,225	7,315	5,115	3,400	2,200	125,743
Elliott Bay Seawall Project (TC367320)	0	0	46,900	90,000	100,000	30,000	0	0	266,900
First Hill Streetcar (TC367100)	12,269	69,184	24,816	26,511	0	0	0	0	132,780
Magnolia Bridge Replacement Project (TC366060)	9,466	0	0	0	0	0	0	0	9,466
Mercer Corridor Project (TC365500)	106,312	57,603	5,465	500	0	0	0	0	169,880
Mercer Corridor Project West Phase (TC367110)	6,957	14,170	26,854	31,959	15,200	0	0	0	95,140
Spokane St. Viaduct (TC364800)	137,023	41,423	0	0	0	0	0	0	178,446
SR-520 Project (TC365880)	1,299	642	267	274	281	286	291	296	3,636
Waterfront Improvement Program (TC367330)	0	0	19,500	39,500	88,000	199,000	160,000	176,000	682,000
<b>Major Projects</b>	333,247	217,789	129,602	195,969	210,796	234,401	163,691	178,496	1,663,991
<b>Mobility-Capital</b>									<b>BCL/Program Code: 19003</b>
3rd Avenue Corridor Improvements (TC367370)	0	350	1,800	400	0	0	0	0	2,550
5th Ave Streetscapes Improvements (TC367080)	544	20	0	0	0	0	0	0	564
Aurora Transit, Pedestrian, and Safety Improvements (TC366250)	3,206	9	0	2,000	9,000	5,700	5,000	4,000	28,915
Aurora Very Small Starts (TC367220)	0	7,744	0	0	0	0	0	0	7,744
Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project (TC367390)	0	800	500	0	0	0	0	0	1,300
Broadway Streetcar Extension (TC367240)	0	500	1,250	1,250	20,000	2,000	0	0	25,000
Burke-Gilman Trail Extension (TC364830)	15,078	9,849	320	820	10	10	0	0	26,087
Cheshiahud Lake Union Trail Project (TC367070)	635	365	0	0	0	0	0	0	1,000

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Chief Sealth Trail (TC365690)	5,127	44	0	0	0	0	0	0	5,171
Children's Hospital Livable Street Initiative (TC367230)	0	515	125	0	0	0	0	0	640
Collision Evaluation Program (TC323860)	1,521	193	152	156	161	166	170	175	2,694
Denny Triangle Improvements (TC365760)	840	79	0	0	0	0	0	0	919
Eastlake High Capacity Transit (TC367380)	0	0	2,000	0	0	0	0	0	2,000
Fauntleroy Way SW Green Boulevard (TC367200)	0	250	0	0	0	0	0	0	250
Freight Spot Improvement Program (TC365850)	958	965	400	425	0	0	0	0	2,748
Greenwood Avenue N Street Improvements (TC366380)	7,085	136	0	0	0	0	0	0	7,221
King Street Station Multimodal Terminal (TC366810)	29,278	24,656	0	0	0	0	0	0	53,934
Left Turn Signals (TC323130)	3,264	271	195	203	209	215	221	228	4,806
Linden Avenue North Complete Streets (TC366930)	1,768	9,150	0	1,250	0	0	0	0	12,168
Mountains to Sound Greenway Trail (TC365750)	1,598	222	0	0	0	0	0	0	1,820
Neighborhood Large Projects (TC367250)	0	0	1,836	1,882	1,929	1,967	2,016	2,077	11,707
Neighborhood Traffic Control Program (TC323250)	6,047	402	400	400	198	198	198	198	8,041
New Traffic Signals (TC323610)	6,202	1,135	321	335	287	295	303	312	9,190
NSF/CRS Neighborhood Program (TC365770)	20,078	7,720	1,023	279	288	295	303	312	30,298
Pay Stations (TC366350)	17,914	0	0	0	0	0	0	0	17,914
Pedestrian Master Plan - School Safety (TC367170)	771	2,065	1,583	803	789	810	838	863	8,522
Pedestrian Master Plan Implementation (TC367150)	20,873	7,047	4,995	5,057	5,773	5,876	6,041	6,218	61,880
Railroad Crossing Signal Improvements (TC367090)	2,230	1,189	0	0	0	0	0	0	3,419
S Lander St. Grade Separation (TC366150)	2,533	0	0	0	0	0	0	0	2,533
Seattle Center City Connector Transit Alternative Analysis (TC367210)	0	1,200	0	0	0	0	0	0	1,200

\*Amounts in thousands of dollars

### 2013 - 2018 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>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Sound Transit - University Link (TC367040)	899	141	69	105	105	0	0	0	1,319
Sound Transit North Link (TC367190)	0	200	200	245	245	245	245	245	1,625
Sound Transit North Link Station Bike and Pedestrian Improvements (TC367350)	0	0	567	0	9,433	0	0	0	10,000
Thomas St Pedestrian Overpass (formerly Belltown/Queen Anne Waterfront Connections-Thomas St.) (TC366210)	6,699	3,966	0	0	0	0	0	0	10,665
Transit Corridor Improvements (TC366860)	14,945	13,058	3,166	3,622	3,690	3,400	3,400	3,400	48,681
West Duwamish Trail (TC367130)	43	1,957	0	0	0	0	0	0	2,000
<b>Mobility-Capital</b>	170,136	96,198	20,902	19,232	52,117	21,177	18,735	18,028	416,525
<b>Department Total*:</b>	783,818	432,670	200,154	265,477	312,797	293,329	220,013	233,896	2,742,155

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**



# Seattle Department of Transportation

## Fund Summary

Fund Name & Code	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
2000 Parks Levy Fund (33850)	4,251	558	0	0	0	0	0	0	4,809
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)	56,911	7,945	0	0	0	0	0	0	64,856
2008 Parks Levy Fund (33860)	901	6,349	0	0	0	0	0	0	7,250
2009 Multipurpose LTGO Bond Fund (35300)	51,055	11,896	0	0	0	0	0	0	62,951
2010 Multipurpose LTGO Bond Fund (35400)	38,693	35,819	0	0	0	0	0	0	74,512
2011 Multipurpose LTGO Bond Fund (35500)	6,930	54,756	0	0	0	0	0	0	61,686
2012 Multipurpose LTGO Bond Fund (35600)	0	15,885	0	0	0	0	0	0	15,885
2013 Multipurpose LTGO Bond Fund (35700)	0	0	34,301	0	0	0	0	0	34,301
Central Waterfront Improvement Fund (35900)	0	2,000	9,500	19,500	37,000	77,000	43,000	49,000	237,000
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	2,424	0	0	0	0	0	0	0	2,424
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	82,868	7,433	11,561	8,746	10,436	5,421	5,420	4,927	136,813
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)	4,099	3,189	0	0	0	0	0	0	7,288
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	1,030	2,611	0	0	0	0	0	0	3,641
Emergency Subfund (00185)	223	176	0	0	0	0	0	0	399
Future Bond Funds (99999)	130	0	0	15,004	25,336	0	0	0	40,470
General Subfund (00100)	0	0	0	0	0	0	0	0	0
To Be Determined (TBD)	0	0	0	2,820	26,289	8,055	5,000	4,000	46,164

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Transportation Bond Fund (31600)	5,744	0	4,400	500	0	0	0	0	10,644
Transportation Operating Fund (10310)	474,433	284,053	96,692	140,907	93,486	154,853	147,593	140,969	1,532,986
UTGO Bond Fund (35920)	0	0	43,700	78,000	120,250	48,000	0	0	289,950
Waterfront Lid Lift (35910)	0	0	0	0	0	0	19,000	35,000	54,000
<b>Department Total*:</b>	<b>783,818</b>	<b>432,670</b>	<b>200,154</b>	<b>265,477</b>	<b>312,797</b>	<b>293,329</b>	<b>220,013</b>	<b>233,896</b>	<b>2,742,155</b>

*\*Amounts in thousands of dollars*

**2013 - 2018 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>	Q4/2014
<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 additional streetscape improvements, remarking numerous crosswalks, and installing pedestrian countdown signals.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	1,000	0	0	0	0	0	1,000
Federal Grant Funds	0	0	800	400	0	0	0	0	1,200
General Subfund Revenues	0	350	0	0	0	0	0	0	350
<b>Total:</b>	0	350	1,800	400	0	0	0	0	2,550
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	1,000	0	0	0	0	0	1,000
Transportation Operating Fund	0	350	800	400	0	0	0	0	1,550
<b>Total*:</b>	0	350	1,800	400	0	0	0	0	2,550
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	650	350	0	0	0	0	1,000
Transportation Operating Fund		150	1,000	400	0	0	0	0	1,550
<b>Total:</b>		150	1,650	750	0	0	0	0	2,550

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
2009 Multipurpose LTGO Bond Fund	544	20	0	0	0	0	0	0	564
<b>Total:</b>	544	20	0	0	0	0	0	0	564
<b>Fund Appropriations/Allocations</b>									
2009 Multipurpose LTGO Bond Fund	544	20	0	0	0	0	0	0	564
<b>Total*:</b>	544	20	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		10	10	0	0	0	0	0	20
<b>Total:</b>		10	10	0	0	0	0	0	20

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### 2013 - 2018 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Alaskan Way Viaduct & Seawall 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 is reflected in two new capital projects, Elliott Bay Seawall Project (TC367320) and Waterfront Improvement Program (TC367330).

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	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	0	0	0	0	0	0	0	0	0
King County Funds	6,598	5,079	0	0	0	0	0	0	11,677
State Grant Funds	9,000	5,175	4,400	5,400	5,600	3,400	2,000	1,200	36,175
Commercial Parking Tax	3,845	3,955	1,400	1,825	1,715	1,715	1,400	1,000	16,855
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	2,588	12,312	0	0	0	0	0	0	14,900
2012 Multipurpose LTGO Bond Fund	0	5,800	0	0	0	0	0	0	5,800
Interfund Loan	0	2,000	0	0	0	0	0	0	2,000
<b>Total:</b>	59,921	34,767	5,800	7,225	7,315	5,115	3,400	2,200	125,743

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Transportation Operating Fund	26,502	14,655	5,800	7,225	7,315	5,115	3,400	2,200	72,212
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	2,588	12,312	0	0	0	0	0	0	14,900
2012 Multipurpose LTGO Bond Fund	0	5,800	0	0	0	0	0	0	5,800
Central Waterfront Improvement Fund	0	2,000	0	0	0	0	0	0	2,000
<b>Total*:</b>	<b>59,921</b>	<b>34,767</b>	<b>5,800</b>	<b>7,225</b>	<b>7,315</b>	<b>5,115</b>	<b>3,400</b>	<b>2,200</b>	<b>125,743</b>

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

### Spending Plan by Fund

Transportation Operating Fund	14,655	5,800	7,225	7,315	5,115	3,400	2,200	45,710
2005 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	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
2011 Multipurpose LTGO Bond Fund	12,312	0	0	0	0	0	0	12,312
2012 Multipurpose LTGO Bond Fund	5,000	800	0	0	0	0	0	5,800
Central Waterfront Improvement Fund	2,000	0	0	0	0	0	0	2,000
<b>Total:</b>	<b>33,967</b>	<b>6,600</b>	<b>7,225</b>	<b>7,315</b>	<b>5,115</b>	<b>3,400</b>	<b>2,200</b>	<b>65,822</b>

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## 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	16,505	0	0	0	0	0	0	0	16,505
Real Estate Excise Tax I	501	0	0	0	0	0	0	0	501
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Street Vacations	950	0	0	0	0	0	0	0	950
Vehicle Licensing Fees	346	0	0	0	0	0	0	0	346
Drainage and Wastewater Rates	1,752	0	0	0	0	0	0	0	1,752
Federal Grant Funds	11,110	0	1,129	6,000	0	0	0	0	18,239
Transportation Funding Package - Parking Tax	15,144	132	0	0	0	0	0	0	15,276
Transportation Funding Package - Business Transportation Tax	7,250	0	0	0	0	0	0	0	7,250
Transportation Funding Package - Lid Lift	65,086	19,927	10,816	12,903	13,799	19,350	19,350	19,350	180,581
City Light Fund Revenues	74	16	0	0	0	0	0	0	90
State Gas Taxes - Arterial City Street Fund	443	0	0	0	0	0	0	0	443
State Gas Taxes - City Street Fund	291	0	0	0	0	0	0	0	291
General Subfund Revenues	3,125	75	0	0	0	0	0	0	3,200
Interfund Loan	0	11,103	0	0	0	0	0	0	11,103
King County Funds	631	2	0	0	0	0	0	0	633
Partnership Funds	1,789	152	0	0	0	0	0	0	1,941
Private Funding/Donations	116	32	0	0	0	0	0	0	148
State Grant Funds	0	4,500	0	0	0	0	0	0	4,500
Transportation Bond Funds	800	0	0	0	0	0	0	0	800
2009 Multipurpose LTGO Bond Fund	14,994	131	0	0	0	0	0	0	15,125
<b>Total:</b>	<b>141,160</b>	<b>36,070</b>	<b>11,945</b>	<b>18,903</b>	<b>13,799</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>279,927</b>

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### 2013 - 2018 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	107,157	35,939	11,945	18,903	13,799	19,350	19,350	19,350	19,350	245,793
Transportation Bond Fund	800	0	0	0	0	0	0	0	0	800
2009 Multipurpose LTGO Bond Fund	14,994	131	0	0	0	0	0	0	0	15,125
<b>Total*:</b>	<b>141,160</b>	<b>36,070</b>	<b>11,945</b>	<b>18,903</b>	<b>13,799</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>279,927</b>

**O & M Costs (Savings)** 0 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		25,815	20,539	20,435	13,799	19,350	19,350	19,350	19,350	138,638
Transportation Bond Fund		0	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund		131	0	0	0	0	0	0	0	131
<b>Total:</b>		<b>25,946</b>	<b>20,539</b>	<b>20,435</b>	<b>13,799</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>138,769</b>

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3,989	0	3,040	3,040	0	0	0	0	10,069
Real Estate Excise Tax I	750	0	0	0	0	0	0	0	750
Vehicle Licensing Fees	0	600	600	600	600	600	600	600	4,200
Drainage and Wastewater Rates	45	0	0	0	0	0	0	0	45
Transportation Funding Package - Parking Tax	900	711	0	1,650	1,650	1,650	1,650	1,650	9,861
Transportation Funding Package - Lid Lift	2,924	997	650	650	650	650	650	650	7,821
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	2,200	1,650	1,650	0	0	0	0	0	5,500
<b>Total:</b>	12,949	3,958	5,940	5,940	2,900	2,900	2,900	2,900	40,387
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,989	0	3,040	3,040	0	0	0	0	10,069
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	750	0	0	0	0	0	0	0	750
Transportation Operating Fund	8,210	3,958	2,900	2,900	2,900	2,900	2,900	2,900	29,568
<b>Total*:</b>	12,949	3,958	5,940	5,940	2,900	2,900	2,900	2,900	40,387
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	3,040	3,040	0	0	0	0	6,080
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	3,762	2,900	2,900	2,900	2,900	2,900	2,900	21,162
<b>Total:</b>	3,762	5,940	5,940	2,900	2,900	2,900	2,900	27,242

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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	1,689	0	0	0	0	0	0	0	1,689
State Gas Taxes - Arterial City Street Fund	788	9	0	0	0	0	0	0	797
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
To be determined	0	0	0	2,000	9,000	5,700	5,000	4,000	25,700
<b>Total:</b>	3,206	9	0	2,000	9,000	5,700	5,000	4,000	28,915
<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	3,076	9	0	0	0	0	0	0	3,085
<b>Total*:</b>	3,206	9	0	0	0	0	0	0	3,215
<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		8	0	0	0	0	0	0	8
To Be Determined		0	0	2,000	9,000	5,700	5,000	4,000	25,700
<b>Total:</b>		8	0	2,000	9,000	5,700	5,000	4,000	25,708

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### 2013 - 2018 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Aurora Very Small Starts

<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>	Q4/2014
<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 approximately forty small to 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. Approximately 35 projects will be reimbursed by Metro through an FTA grant to initiate Rapid Ride service; and additional five will be constructed with city funds that will provide Metro with the required matching funds. The five City projects are elements of existing annual programs funded through the 2012-2017 Adopted TCIP.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
King County Funds	0	6,195	0	0	0	0	0	0	6,195
Partnership Funds	0	1,549	0	0	0	0	0	0	1,549
<b>Total:</b>	0	7,744	0	0	0	0	0	0	7,744
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	7,744	0	0	0	0	0	0	7,744
<b>Total*:</b>	0	7,744	0	0	0	0	0	0	7,744
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		710	4,036	2,999	0	0	0	0	7,744
<b>Total:</b>		710	4,036	2,999	0	0	0	0	7,744

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### 2013 - 2018 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>	Q3/2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	500	0	0	0	0	0	500
General Subfund Revenues	0	800	0	0	0	0	0	0	800
<b>Total:</b>	0	800	500	0	0	0	0	0	1,300

<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	500	0	0	0	0	0	500
Transportation Operating Fund	0	800	0	0	0	0	0	0	800
<b>Total*:</b>	0	800	500	0	0	0	0	0	1,300

<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	500	0	0	0	0	0	500
Transportation Operating Fund		0	500	300	0	0	0	0	800
<b>Total:</b>		0	1,000	300	0	0	0	0	1,300

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	242	18	0	0	0	0	0	0	260
Vehicle Licensing Fees	0	1,200	1,200	1,200	1,200	1,200	1,200	1,200	8,400
Federal Grant Funds	0	0	338	1,369	0	0	0	0	1,707
Transportation Funding Package - Parking Tax	161	0	0	0	0	0	0	0	161
Transportation Funding Package - Business Transportation Tax	2,227	0	0	0	0	0	0	0	2,227
Transportation Funding Package - Lid Lift	12,346	5,122	4,089	4,283	4,379	4,448	4,556	4,729	43,952
State Gas Taxes - Arterial City Street Fund	139	20	0	0	0	0	0	0	159
General Subfund Revenues	0	350	150	0	0	0	0	0	500
State Grant Funds	50	0	0	0	0	0	0	0	50
<b>Total:</b>	15,165	6,710	5,777	6,852	5,579	5,648	5,756	5,929	57,416
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	242	18	0	0	0	0	0	0	260
Transportation Operating Fund	14,923	6,692	5,777	6,852	5,579	5,648	5,756	5,929	57,156
<b>Total*:</b>	15,165	6,710	5,777	6,852	5,579	5,648	5,756	5,929	57,416
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	18	0	0	0	0	0	0	18
Transportation Operating Fund	4,761	7,677	6,852	5,579	5,648	5,756	5,929	42,202
<b>Total:</b>	4,779	7,677	6,852	5,579	5,648	5,756	5,929	42,220

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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	1,223	315	258	265	273	281	290	299	3,204
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>	2,335	315	258	265	273	281	290	299	4,316
<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	2,034	315	258	265	273	281	290	299	4,015
<b>Total*:</b>	2,335	315	258	265	273	281	290	299	4,316
<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		315	258	265	273	281	290	299	1,981
<b>Total:</b>		315	258	265	273	281	290	299	1,981

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	11,229	3,741	2,135	2,135	2,135	2,135	2,135	2,135	27,780
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	325	0	0	0	0	0	0	325
State Gas Taxes - Arterial City Street Fund	537	135	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	695	494	0	0	0	0	0	0	1,189
King County Funds	10	0	0	0	0	0	0	0	10
<b>Total:</b>	<b>13,153</b>	<b>4,695</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>30,658</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	11,229	3,741	2,135	2,135	2,135	2,135	2,135	2,135	27,780
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	1,692	954	0	0	0	0	0	0	2,646
<b>Total*:</b>	<b>13,153</b>	<b>4,695</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>30,658</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,088	2,654	2,135	2,135	2,135	2,135	2,135	16,416
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	629	460	0	0	0	0	0	1,089
<b>Total:</b>	<b>3,717</b>	<b>3,114</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>17,505</b>

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### 2013 - 2018 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. The bridges scheduled for maintenance in 2013 and 2014 are: 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, Fairview Avenue N-West Bridge, and Yesler Over 4th Avenue.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	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	2,673	0	0	0	0	0	0	0	2,673
Transportation Funding Package - Parking Tax	2,426	4,102	0	0	0	0	0	0	6,528
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	25	207	0	0	0	0	0	0	232
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	1,000	6,000	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	10,258	4,083	0	0	0	0	0	0	14,341
2010 Multipurpose LTGO Bond Fund	12,983	17,481	0	0	0	0	0	0	30,464
To be determined	0	0	0	0	2,779	345	0	0	3,124
2011 Multipurpose LTGO bond Fund	0	10,192	0	0	0	0	0	0	10,192
Transportation Funding Package - Bonds	0	0	0	0	15,336	0	0	0	15,336
2014 Multipurpose LTGO Bond Fund	0	0	0	1,236	0	0	0	0	1,236
<b>Total:</b>	<b>36,454</b>	<b>42,065</b>	<b>0</b>	<b>1,236</b>	<b>18,115</b>	<b>345</b>	<b>0</b>	<b>0</b>	<b>98,215</b>

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### 2013 - 2018 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	8,928	10,309	0	0	0	0	0	0	19,237
2008 Multipurpose LTGO Bond Fund	3,965	0	0	0	0	0	0	0	3,965
2009 Multipurpose LTGO Bond Fund	10,258	4,083	0	0	0	0	0	0	14,341
2010 Multipurpose LTGO Bond Fund	12,983	17,481	0	0	0	0	0	0	30,464
2011 Multipurpose LTGO Bond Fund	0	10,192	0	0	0	0	0	0	10,192
Future Bond Funds	0	0	0	1,236	15,336	0	0	0	16,572
<b>Total*:</b>	36,454	42,065	0	1,236	15,336	0	0	0	95,091

**O & M Costs (Savings)** 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	8,723	1,429	30	0	0	0	0	0	10,182
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	1,000	2,432	651	0	0	0	0	0	4,083
2010 Multipurpose LTGO Bond Fund	17,382	100	0	0	0	0	0	0	17,481
To Be Determined	0	0	0	2,779	345	0	0	0	3,124
2011 Multipurpose LTGO Bond Fund	4,684	1,779	3,728	0	0	0	0	0	10,192
Future Bond Funds	0	0	1,236	15,336	0	0	0	0	16,572
<b>Total:</b>	31,789	5,740	5,645	18,115	345	0	0	0	61,634

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

## 2013 - 2018 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	2012	2013	2014	2015	2016	2017	2018	Total
	Actuals	Rev							
<b>Revenue Sources</b>									
Transportation Funding Package - Lid Lift	0	0	95	0	0	0	0	0	95
<b>Total:</b>	0	0	95	0	0	0	0	0	95
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	95	0	0	0	0	0	95
<b>Total*:</b>	0	0	95	0	0	0	0	0	95
<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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	150	0	0	0	0	0	0	0	150
Federal Grant Funds	122	3,110	48	0	0	0	0	0	3,280
Transportation Funding Package - Parking Tax	980	2,406	0	0	0	0	0	0	3,386
Transportation Funding Package - Business Transportation Tax	888	0	0	0	0	0	0	0	888
Transportation Funding Package - Lid Lift	2,834	3,797	0	0	0	0	0	0	6,631
City Light Fund Revenues	31	719	0	0	0	0	0	0	750
State Gas Taxes - City Street Fund	63	0	0	0	0	0	0	0	63
2008 Multipurpose LTGO Bond Fund	1,572	2	0	0	0	0	0	0	1,574
2010 Multipurpose LTGO Bond Fund	6,634	5,530	0	0	0	0	0	0	12,164
2011 Multipurpose LTGO bond Fund	18	1,919	0	0	0	0	0	0	1,937
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
Transportation Funding Package - Bonds	0	0	6,928	0	0	0	0	0	6,928
2014 Multipurpose LTGO Bond Fund	0	0	0	2,518	0	0	0	0	2,518
<b>Total:</b>	<b>13,292</b>	<b>17,483</b>	<b>6,976</b>	<b>2,518</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,269</b>

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### 2013 - 2018 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	4,918	10,032	48	0	0	0	0	0	14,998
2008 Multipurpose LTGO Bond Fund	1,572	2	0	0	0	0	0	0	1,574
2010 Multipurpose LTGO Bond Fund	6,634	5,530	0	0	0	0	0	0	12,164
2011 Multipurpose LTGO Bond Fund	18	1,919	0	0	0	0	0	0	1,937
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	0	6,928	0	0	0	0	0	6,928
Future Bond Funds	0	0	0	2,518	0	0	0	0	2,518
<b>Total*:</b>	<b>13,292</b>	<b>17,483</b>	<b>6,976</b>	<b>2,518</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,269</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	7,534	2,468	79	0	0	0	0	0	10,080
2008 Multipurpose LTGO Bond Fund	2	0	0	0	0	0	0	0	2
2010 Multipurpose LTGO Bond Fund	5,525	5	0	0	0	0	0	0	5,530
2011 Multipurpose LTGO Bond Fund	1,919	0	0	0	0	0	0	0	1,919
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	6,928	0	0	0	0	0	0	6,928
Future Bond Funds	0	0	2,518	0	0	0	0	0	2,518
<b>Total:</b>	<b>14,979</b>	<b>9,401</b>	<b>2,597</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,977</b>

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	0	450	400	0	0	0	0	0	850
Federal Grant Funds	0	50	850	1,250	0	0	0	0	2,150
Local Improvement District Bonds	0	0	0	0	5,500	0	0	0	5,500
To be determined	0	0	0	0	14,500	2,000	0	0	16,500
<b>Total:</b>	0	500	1,250	1,250	20,000	2,000	0	0	25,000
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	500	1,250	1,250	5,500	0	0	0	8,500
<b>Total*:</b>	0	500	1,250	1,250	5,500	0	0	0	8,500

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### 2013 - 2018 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>	Q4/2016
<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	2012 Rev	2013	2014	2015	2016	2017	2018	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	524	2,611	0	0	0	0	0	0	3,135
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	1,000	0	0	0	0	0	0	5,938
Transportation Funding Package - Business Transportation Tax	455	3	0	0	0	0	0	0	458
Transportation Funding Package - Lid Lift	515	2,233	0	0	0	0	0	0	2,748
City Light Fund Revenues	369	0	20	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	0	300	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
State Grant Funds	0	500	0	0	0	0	0	0	500
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	0	0	0	0	0	0	0	471
To be determined	0	0	0	820	10	10	0	0	840
Seattle Voter-Approved Levy	248	3,502	0	0	0	0	0	0	3,750
<b>Total:</b>	15,078	9,849	320	820	10	10	0	0	26,087

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### 2013 - 2018 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	524	2,611	0	0	0	0	0	0	3,135
Cumulative Reserve Subfund - Street Vacation Subaccount	380	0	0	0	0	0	0	0	380
Transportation Operating Fund	10,838	3,736	320	0	0	0	0	0	14,894
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	0	0	0	0	0	0	0	471
2008 Parks Levy Fund	248	3,502	0	0	0	0	0	0	3,750
<b>Total*:</b>	15,078	9,849	320	0	0	0	0	0	25,247

**O & M Costs (Savings)** 20 20 20 20 20 21 121

### 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 - Unrestricted Subaccount	170	2,440	0	0	0	0	0	0	2,611
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	0	0	0	0	0	0	0
Transportation Operating Fund	366	3,691	0	0	0	0	0	0	4,056
Transportation Bond Fund	0	0	0	0	0	0	0	0	0
2000 Parks Levy Fund	0	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	820	10	10	0	0	0	840
2008 Parks Levy Fund	84	3,418	0	0	0	0	0	0	3,502
<b>Total:</b>	620	9,549	820	10	10	0	0	0	11,009

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### 2013 - 2018 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>	Q4/2012
<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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
2009 Multipurpose LTGO Bond Fund	635	365	0	0	0	0	0	0	1,000
<b>Total:</b>	635	365	0	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
2009 Multipurpose LTGO Bond Fund	635	365	0	0	0	0	0	0	1,000
<b>Total*:</b>	635	365	0	0	0	0	0	0	1,000
<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		365	0	0	0	0	0	0	365
<b>Total:</b>		365	0	0	0	0	0	0	365

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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	109	0	0	0	0	0	0	0	109
State Gas Taxes - Arterial City Street Fund	128	0	0	0	0	0	0	0	128
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	1,156	44	0	0	0	0	0	0	1,200
<b>Total:</b>	5,127	44	0	0	0	0	0	0	5,171
<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	3,400	0	0	0	0	0	0	0	3,400
2000 Parks Levy Fund	400	0	0	0	0	0	0	0	400
2009 Multipurpose LTGO Bond Fund	1,156	44	0	0	0	0	0	0	1,200
<b>Total*:</b>	5,127	44	0	0	0	0	0	0	5,171

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

O & M Costs (Savings)	20	20	20	20	20	21	121
 <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
2000 Parks Levy Fund	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	44	0	0	0	0	0	44
<b>Total:</b>	44	0	0	0	0	0	44

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Private Funding/Donations	0	515	125	0	0	0	0	0	640
<b>Total:</b>	0	515	125	0	0	0	0	0	640
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	515	125	0	0	0	0	0	640
<b>Total*:</b>	0	515	125	0	0	0	0	0	640
<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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	80	0	0	0	0	0	0	0	80
Federal Grant Funds	353	45	0	0	0	0	0	0	398
Transportation Funding Package - Parking Tax	62	0	0	0	0	0	0	0	62
Transportation Funding Package - Business Transportation Tax	0	0	106	0	0	0	0	0	106
Transportation Funding Package - Lid Lift	232	44	46	47	49	50	51	54	573
State Gas Taxes - Arterial City Street Fund	630	104	0	109	112	116	119	121	1,311
State Gas Taxes - City Street Fund	156	0	0	0	0	0	0	0	156
Private Funding/Donations	8	0	0	0	0	0	0	0	8
<b>Total:</b>	1,521	193	152	156	161	166	170	175	2,694
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	1,521	193	152	156	161	166	170	175	2,694
<b>Total*:</b>	1,521	193	152	156	161	166	170	175	2,694
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		161	152	156	161	166	170	175	1,141
<b>Total:</b>		161	152	156	161	166	170	175	1,141

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### 2013 - 2018 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 2013 costs as follows: Alaskan Way Viaduct /Tunnel & Seawall - TC366050 (2005 Bond - \$368,000; 2006 Bond - \$393,000; 2007 Bond - \$491,000); and Fremont Bridge Approaches and Electrical Major Maintenance - TC365790 (\$110,000).

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	14,433	1,529	1,361	1,362	1,362	1,346	1,344	850	23,588
2006 LTGO Bond	420	0	0	0	0	0	0	0	420
<b>Total:</b>	14,853	1,529	1,361	1,362	1,362	1,346	1,344	850	24,008
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	14,433	1,529	1,361	1,362	1,362	1,346	1,344	850	23,588
2006 LTGO Capital Projects Fund	420	0	0	0	0	0	0	0	420
<b>Total*:</b>	14,853	1,529	1,361	1,362	1,362	1,346	1,344	850	24,008
<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.*

### 2013 - 2018 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Denny Triangle Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	TC365760	<b>End Date:</b>	Q1/2013
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Denny Triangle	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Denny Triangle

This project develops street designs, and implements green street or open space amenities within the Denny Triangle. The remaining funds will be used to implement pedestrian wayfinding.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	17	0	0	0	0	0	0	0	17
State Gas Taxes - Arterial City Street Fund	18	0	0	0	0	0	0	0	18
King County Development Credits	483	45	0	0	0	0	0	0	528
King County Funds	313	34	0	0	0	0	0	0	347
Private Funding/Donations	9	0	0	0	0	0	0	0	9
<b>Total:</b>	840	79	0	0	0	0	0	0	919
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	840	79	0	0	0	0	0	0	919
<b>Total*:</b>	840	79	0	0	0	0	0	0	919
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		75	5	0	0	0	0	0	80
<b>Total:</b>		75	5	0	0	0	0	0	80

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### 2013 - 2018 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Eastlake High Capacity Transit

<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>	Q4/2014
<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 explore the development of high capacity transit in the Eastlake Avenue corridor connecting the University District, Roosevelt, Eastlake, and South Lake Union neighborhoods with Downtown. The project is identified as a priority in the Transit Master Plan. This project will consider rail and bus options in determining the most effective approach to transit service within a project area.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Commercial Parking Tax	0	0	2,000	0	0	0	0	0	2,000
<b>Total:</b>	0	0	2,000	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	2,000	0	0	0	0	0	2,000
<b>Total*:</b>	0	0	2,000	0	0	0	0	0	2,000
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		0	1,000	1,000	0	0	0	0	2,000
<b>Total:</b>		0	1,000	1,000	0	0	0	0	2,000

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### 2013 - 2018 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 is a critical public safety project and will replace the existing seawall, from S. Washington Street to Virginia Street (Central Seawall), 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 was created in 2013. Costs incurred prior to 2013 are included in the Alaskan Way Viaduct & Seawall Replacement project (TC66050). The total estimate for this project is \$300 million.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
King County Funds	0	0	0	15,000	5,750	0	0	0	20,750
2013 Multipurpose LTGO Bond Fund	0	0	6,200	0	0	0	0	0	6,200
Seawall Levy	0	0	40,700	75,000	94,250	30,000	0	0	239,950
<b>Total:</b>	0	0	46,900	90,000	100,000	30,000	0	0	266,900
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	0	15,000	5,750	0	0	0	20,750
2013 Multipurpose LTGO Bond Fund	0	0	6,200	0	0	0	0	0	6,200
UTGO Bond Fund	0	0	40,700	75,000	94,250	30,000	0	0	239,950
<b>Total*:</b>	0	0	46,900	90,000	100,000	30,000	0	0	266,900
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q4/2012
<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. Funding will be used for preliminary engineering in 2012, including public outreach, preliminary design, and construction cost estimates. Alternative project designs will be 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Rubble Yard Proceeds	0	250	0	0	0	0	0	0	250
<b>Total:</b>	0	250	0	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	250	0	0	0	0	0	0	250
<b>Total*:</b>	0	250	0	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Sound Transit Funds	12,269	69,184	24,816	26,511	0	0	0	0	132,780
<b>Total:</b>	12,269	69,184	24,816	26,511	0	0	0	0	132,780
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	12,269	69,184	24,816	26,511	0	0	0	0	132,780
<b>Total*:</b>	12,269	69,184	24,816	26,511	0	0	0	0	132,780
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		41,000	53,000	26,511	0	0	0	0	120,511
<b>Total:</b>		41,000	53,000	26,511	0	0	0	0	120,511

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	235	0	0	0	0	235
State Gas Taxes - Arterial City Street Fund	958	520	0	0	0	0	0	0	1,478
Rubble Yard Proceeds	0	445	400	190	0	0	0	0	1,035
<b>Total:</b>	958	965	400	425	0	0	0	0	2,748
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	235	0	0	0	0	235
Transportation Operating Fund	958	965	400	190	0	0	0	0	2,513
<b>Total*:</b>	958	965	400	425	0	0	0	0	2,748
<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	235	0	0	0	0	235
Transportation Operating Fund		965	400	190	0	0	0	0	1,555
<b>Total:</b>		965	400	425	0	0	0	0	1,790

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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
<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		121	15	0	0	0	0	0	136
To Be Determined		0	0	0	0	0	0	0	0
<b>Total:</b>		121	15	0	0	0	0	0	136

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3,929	446	326	327	328	329	330	331	6,346
Federal Grant Funds	268	158	0	0	0	0	0	0	426
City Light Fund Revenues	19	0	0	0	0	0	0	0	19
State Gas Taxes - Arterial City Street Fund	0	48	0	10	18	26	34	42	178
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	19	101	0	0	0	0	0	0	120
<b>Total:</b>	4,485	753	326	337	346	355	364	373	7,339
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,929	446	326	327	328	329	330	331	6,346
Transportation Operating Fund	556	307	0	10	18	26	34	42	993
<b>Total*:</b>	4,485	753	326	337	346	355	364	373	7,339
<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		446	326	327	328	329	330	331	2,417
Transportation Operating Fund		307	0	10	18	26	34	42	437
<b>Total:</b>		753	326	337	346	355	364	373	2,854

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	4,370	275	200	200	200	200	200	200	5,845
Emergency Subfund Revenues	223	176	0	0	0	0	0	0	399
Drainage and Wastewater Rates	49	0	0	0	0	0	0	0	49
Federal Grant Funds	764	558	0	0	0	0	0	0	1,322
State Gas Taxes - Arterial City Street Fund	702	247	208	212	216	221	227	240	2,273
General Subfund Revenues	1	0	0	0	0	0	0	0	1
Partnership Funds	22	0	0	0	0	0	0	0	22
<b>Total:</b>	6,131	1,256	408	412	416	421	427	440	9,911
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,370	275	200	200	200	200	200	200	5,845
Emergency Subfund	223	176	0	0	0	0	0	0	399
Transportation Operating Fund	1,538	805	208	212	216	221	227	240	3,667
<b>Total*:</b>	6,131	1,256	408	412	416	421	427	440	9,911
<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		275	200	200	200	200	200	200	1,475
Emergency Subfund		176	0	0	0	0	0	0	176
Transportation Operating Fund		805	208	212	216	221	227	240	2,129
<b>Total:</b>		1,257	408	412	416	421	427	440	3,781

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Street Vacations	0	2,000	0	0	0	0	0	0	2,000
Federal Grant Funds	9,504	3,174	0	0	0	0	0	0	12,678
State Gas Taxes - Arterial City Street Fund	20	0	0	0	0	0	0	0	20
General Subfund Revenues	195	0	0	0	0	0	0	0	195
King County Funds	23	21	0	0	0	0	0	0	44
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	9,306	19,443	0	0	0	0	0	0	28,749
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	3,994	17	0	0	0	0	0	0	4,011
<b>Total:</b>	29,278	24,656	0	0	0	0	0	0	53,934
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	0	2,000	0	0	0	0	0	0	2,000
Transportation Operating Fund	19,295	22,639	0	0	0	0	0	0	41,934
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	3,994	17	0	0	0	0	0	0	4,011
<b>Total*:</b>	29,278	24,656	0	0	0	0	0	0	53,934

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

<b>O &amp; M Costs (Savings)</b>		46	51	52	53	54	55	311
 <b>Spending Plan by Fund</b>								
Cumulative Reserve Subfund - Street Vacation Subaccount	1,000	1,000	0	0	0	0	0	2,000
Transportation Operating Fund	18,368	4,270	0	0	0	0	0	22,638
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
2011 Multipurpose LTGO Bond Fund	17	0	0	0	0	0	0	17
<b>Total:</b>	19,385	5,270	0	0	0	0	0	24,655

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

### 2013 - 2018 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 Actuals</b>	<b>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
Vehicle Licensing Fees	47	0	0	0	0	0	0	0	47
Federal Grant Funds	462	0	0	0	0	0	0	0	462
Transportation Funding Package - Parking Tax	175	97	0	30	113	116	119	123	773
Transportation Funding Package - Lid Lift	539	89	195	173	96	99	102	105	1,398
State Gas Taxes - Arterial City Street Fund	917	85	0	0	0	0	0	0	1,002
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>	<b>3,264</b>	<b>271</b>	<b>195</b>	<b>203</b>	<b>209</b>	<b>215</b>	<b>221</b>	<b>228</b>	<b>4,806</b>
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	3,264	271	195	203	209	215	221	228	4,806
<b>Total*:</b>	<b>3,264</b>	<b>271</b>	<b>195</b>	<b>203</b>	<b>209</b>	<b>215</b>	<b>221</b>	<b>228</b>	<b>4,806</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		271	195	203	209	215	221	228	1,542
<b>Total:</b>		<b>271</b>	<b>195</b>	<b>203</b>	<b>209</b>	<b>215</b>	<b>221</b>	<b>228</b>	<b>1,542</b>

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	730	0	0	0	0	0	0	0	730
Street Vacations	400	0	0	0	0	0	0	0	400
Transportation Funding Package - Parking Tax	638	4,065	0	0	0	0	0	0	4,703
2012 Multipurpose LTGO Bond Fund	0	5,085	0	0	0	0	0	0	5,085
2014 Multipurpose LTGO Bond Fund	0	0	0	1,250	0	0	0	0	1,250
<b>Total:</b>	1,768	9,150	0	1,250	0	0	0	0	12,168
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	730	0	0	0	0	0	0	0	730
Cumulative Reserve Subfund - Street Vacation Subaccount	400	0	0	0	0	0	0	0	400
Transportation Operating Fund	638	4,065	0	0	0	0	0	0	4,703
2012 Multipurpose LTGO Bond Fund	0	5,085	0	0	0	0	0	0	5,085
Future Bond Funds	0	0	0	1,250	0	0	0	0	1,250
<b>Total*:</b>	1,768	9,150	0	1,250	0	0	0	0	12,168
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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 - Street Vacation Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	1,165	2,058	828	10	5	0	0	4,065
2012 Multipurpose LTGO Bond Fund	5,085	0	0	0	0	0	0	5,085
Future Bond Funds	0	0	1,250	0	0	0	0	1,250
<b>Total:</b>	<b>6,250</b>	<b>2,058</b>	<b>2,078</b>	<b>10</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>10,400</b>

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	209	0	0	0	0	0	0	0	209
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
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	0	0	0	0	0	0	0	9,466
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	209	0	0	0	0	0	0	0	209
Cumulative Reserve Subfund - Street Vacation Subaccount	40	0	0	0	0	0	0	0	40
Transportation Operating Fund	9,217	0	0	0	0	0	0	0	9,217
<b>Total*:</b>	9,466	0	0	0	0	0	0	0	9,466
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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 - Street Vacation Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	2	0	0	0	0	0	0	2
<b>Total:</b>	2	0	0	0	0	0	0	2

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
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### 2013 - 2018 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	821	379	259	0	0	0	0	0	1,459
Federal Grant Funds	15,078	25,768	0	0	0	0	0	0	40,846
Transportation Funding Package - Parking Tax	2,762	150	0	0	0	0	0	0	2,912
City Light Fund Revenues	3,412	2,519	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	20,992	12,233	375	0	0	0	0	0	33,600
Water Rates	989	511	431	0	0	0	0	0	1,931
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
Property Sales and Interest Earnings	0	0	4,400	500	0	0	0	0	4,900
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	34,231	7,943	0	0	0	0	0	0	42,174
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>106,312</b>	<b>57,603</b>	<b>5,465</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>169,880</b>

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### 2013 - 2018 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	361
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount	50	0	0	0	0	0	0	0	50
Transportation Operating Fund	45,398	41,560	1,065	0	0	0	0	0	88,023
2005 LTGO Capital Project Fund	1,912	0	0	0	0	0	0	0	1,912
Transportation Bond Fund	4,560	0	4,400	500	0	0	0	0	9,460
2002B LTGO Capital Project Fund	400	0	0	0	0	0	0	0	400
2003 LTGO Capital Project Fund	600	0	0	0	0	0	0	0	600
2006 LTGO Capital Projects Fund	2,500	0	0	0	0	0	0	0	2,500
2007 Multipurpose LTGO Bond Fund	16,300	0	0	0	0	0	0	0	16,300
2008 Multipurpose LTGO Bond Fund	34,231	7,943	0	0	0	0	0	0	42,174
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>	106,312	57,603	5,465	500	0	0	0	0	169,880
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	13,618	33,407	500	0	0	0	0	47,525
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	7,943	0	0	0	0	0	0	7,943
2010 Multipurpose LTGO Bond Fund	2,440	310	130	130	90	0	0	3,100
2012 Multipurpose LTGO Bond Fund	5,000	0	0	0	0	0	0	5,000
<b>Total:</b>	<b>29,001</b>	<b>33,717</b>	<b>630</b>	<b>130</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>63,568</b>

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### 2013 - 2018 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>	Q4/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	100	164	389	0	0	0	0	653
Federal Grant Funds	1,018	172	5,000	1,960	0	0	0	0	8,150
City Light Fund Revenues	0	1,600	543	2,490	0	0	0	0	4,633
King County Funds	0	0	0	400	0	0	0	0	400
State Grant Funds	0	1,000	700	4,152	0	0	0	0	5,852
Property Sales and Interest Earnings	0	0	0	15,400	15,200	0	0	0	30,600
Water Rates	0	100	274	168	0	0	0	0	542
Federal ARRA Funds: FHWA Highway Infrastructure Investment	0	0	7,000	7,000	0	0	0	0	14,000
Rubble Yard Proceeds	0	0	2,000	0	0	0	0	0	2,000
2010 Multipurpose LTGO Bond Fund	5,609	3,391	0	0	0	0	0	0	9,000
2011 Multipurpose LTGO bond Fund	330	7,807	0	0	0	0	0	0	8,137
2013 Multipurpose LTGO Bond Fund	0	0	11,173	0	0	0	0	0	11,173
<b>Total:</b>	6,957	14,170	26,854	31,959	15,200	0	0	0	95,140
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	1,018	2,972	15,681	31,959	15,200	0	0	0	66,830
2010 Multipurpose LTGO Bond Fund	5,609	3,391	0	0	0	0	0	0	9,000
2011 Multipurpose LTGO Bond Fund	330	7,807	0	0	0	0	0	0	8,137
2013 Multipurpose LTGO Bond Fund	0	0	11,173	0	0	0	0	0	11,173
<b>Total*:</b>	6,957	14,170	26,854	31,959	15,200	0	0	0	95,140

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### 2013 - 2018 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	1,972	16,681	31,959	15,200	0	0	0	65,812
2010 Multipurpose LTGO Bond Fund	3,391	0	0	0	0	0	0	3,391
2011 Multipurpose LTGO Bond Fund	5,507	2,300	0	0	0	0	0	7,807
2013 Multipurpose LTGO Bond Fund	0	11,173	0	0	0	0	0	11,173
<b>Total:</b>	10,870	30,154	31,959	15,200	0	0	0	88,183

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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
<b>Total:</b>	1,123	0	0	0	0	0	0	0	1,123
<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	0	0	0	0	0	0	0	735
<b>Total*:</b>	1,123	0	0	0	0	0	0	0	1,123
<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		5	0	0	0	0	0	0	5
<b>Total:</b>		5	0	0	0	0	0	0	5

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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
General Subfund Revenues	0	10	0	0	0	0	0	0	10
Seattle Voter-Approved Levy	1,268	212	0	0	0	0	0	0	1,480
<b>Total:</b>	1,598	222	0	0	0	0	0	0	1,820
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	45	0	0	0	0	0	0	0	45
Transportation Operating Fund	285	10	0	0	0	0	0	0	295
2000 Parks Levy Fund	1,268	212	0	0	0	0	0	0	1,480
<b>Total*:</b>	1,598	222	0	0	0	0	0	0	1,820
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	21	121
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount		0	0	0	0	0	0	0	0
Transportation Operating Fund		10	0	0	0	0	0	0	10
2000 Parks Levy Fund		192	10	10	0	0	0	0	212
<b>Total:</b>		202	10	10	0	0	0	0	222

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Lid Lift	0	0	1,836	1,882	1,929	1,967	2,016	2,077	11,707
<b>Total:</b>	0	0	1,836	1,882	1,929	1,967	2,016	2,077	11,707
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	1,836	1,882	1,929	1,967	2,016	2,077	11,707
<b>Total*:</b>	0	0	1,836	1,882	1,929	1,967	2,016	2,077	11,707
<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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Vehicle Licensing Fees	983	198	198	198	198	198	198	198	2,369
Federal Grant Funds	37	0	0	0	0	0	0	0	37
State Gas Taxes - Arterial City Street Fund	2,326	2	0	0	0	0	0	0	2,328
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	0	202	202	202	0	0	0	0	606
<b>Total:</b>	6,047	402	400	400	198	198	198	198	8,041
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Transportation Operating Fund	5,794	402	400	400	198	198	198	198	7,788
<b>Total*:</b>	6,047	402	400	400	198	198	198	198	8,041
<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	0	0	0	0	0	0	0
Transportation Operating Fund		402	400	400	198	198	198	198	1,994
<b>Total:</b>		402	400	400	198	198	198	198	1,994

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### 2013 - 2018 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 a 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	905	0	0	0	0	0	0	0	905
Federal Grant Funds	757	0	0	0	0	0	0	0	757
Transportation Funding Package - Parking Tax	35	25	0	0	0	0	0	0	60
Transportation Funding Package - Lid Lift	1,510	306	321	335	287	295	303	312	3,669
State Gas Taxes - Arterial City Street Fund	1,481	39	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
Partnership Funds	0	180	0	0	0	0	0	0	180
State Grant Funds	0	585	0	0	0	0	0	0	585
<b>Total:</b>	6,202	1,135	321	335	287	295	303	312	9,190
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	905	0	0	0	0	0	0	0	905
Transportation Operating Fund	5,297	1,135	321	335	287	295	303	312	8,285
<b>Total*:</b>	6,202	1,135	321	335	287	295	303	312	9,190
<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		1,122	321	335	287	295	303	312	2,975
<b>Total:</b>		1,122	321	335	287	295	303	312	2,975

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,060	0	650	650	650	650	650	650	4,960
Transportation Funding Package - Business Transportation Tax	0	0	115	0	0	0	0	0	115
State Gas Taxes - Arterial City Street Fund	366	109	0	124	132	135	138	142	1,146
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>	1,973	109	765	774	782	785	788	792	6,768
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,060	0	650	650	650	650	650	650	4,960
Transportation Operating Fund	913	109	115	124	132	135	138	142	1,808
<b>Total*:</b>	1,973	109	765	774	782	785	788	792	6,768
<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	650	650	650	650	650	650	3,900
Transportation Operating Fund		109	115	124	132	135	138	142	894
<b>Total:</b>		109	765	774	782	785	788	792	4,795

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### 2013 - 2018 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 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	953	0	500	500	500	500	500	500	3,953
Vehicle Licensing Fees	37	150	150	150	150	150	150	150	1,087
Transportation Funding Package - Business Transportation Tax	0	0	250	0	0	0	0	0	250
State Gas Taxes - Arterial City Street Fund	791	238	0	260	270	276	283	291	2,409
State Gas Taxes - City Street Fund	341	0	0	0	0	0	0	0	341
<b>Total:</b>	2,122	388	900	910	920	926	933	941	8,040
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	953	0	500	500	500	500	500	500	3,953
Transportation Operating Fund	1,169	388	400	410	420	426	433	441	4,087
<b>Total*:</b>	2,122	388	900	910	920	926	933	941	8,040
<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	500	500	500	500	500	500	3,000
Transportation Operating Fund		374	400	410	420	426	433	441	2,903
<b>Total:</b>		374	900	910	920	926	933	941	5,903

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### 2013 - 2018 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	10,142	1,188	752	0	0	0	0	0	12,082
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	81	0	0	0	0	0	0	0	81
Federal Grant Funds	0	687	0	0	0	0	0	0	687
Transportation Funding Package - Parking Tax	140	368	0	0	0	0	0	0	508
Transportation Funding Package - Lid Lift	5,828	4,475	271	279	187	0	0	0	11,040
State Gas Taxes - Arterial City Street Fund	1,544	163	0	0	101	295	303	312	2,718
State Gas Taxes - City Street Fund	426	0	0	0	0	0	0	0	426
General Subfund Revenues	1,481	839	0	0	0	0	0	0	2,320
Miscellaneous Grants or Donations	4	0	0	0	0	0	0	0	4
State Grant Funds	75	0	0	0	0	0	0	0	75
<b>Total:</b>	<b>20,078</b>	<b>7,720</b>	<b>1,023</b>	<b>279</b>	<b>288</b>	<b>295</b>	<b>303</b>	<b>312</b>	<b>30,298</b>

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	10,142	1,188	752	0	0	0	0	0	12,082
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	257	0	0	0	0	0	0	0	257
Transportation Operating Fund	9,679	6,532	271	279	288	295	303	312	17,959
<b>Total*:</b>	20,078	7,720	1,023	279	288	295	303	312	30,298

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,188	752	0	0	0	0	0	0	1,940
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
Transportation Operating Fund	6,532	271	279	288	295	303	312	312	8,280
<b>Total:</b>	7,720	1,023	279	288	295	303	312	312	10,220

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## 2013 - 2018 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. A funding plan for replacement will be developed and reflected in the 2014-2019 Capital Improvement Program.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
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	0	0	0	0	0	0	17,914
<b>Fund Appropriations/Allocations</b>									
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	0	0	0	0	0	0	17,914
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2005 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
2008 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		0	0	0	0	0	0	0	0

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### 2013 - 2018 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 includes school zone signing, crosswalk installation and maintenance, changes to traffic circulation around schools, school walking route maps, and bike parking at schools. The current level of funding provides improvements at approximately three to four schools per year. A separate O&M budget funds safe biking and walking education and outreach campaigns at the schools where improvements are made.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	836	36	0	0	0	0	872
Federal Grant Funds	0	1,121	0	0	0	0	0	0	1,121
Transportation Funding Package - Lid Lift	629	816	747	767	789	810	838	863	6,259
State Grant Funds	142	128	0	0	0	0	0	0	270
<b>Total:</b>	771	2,065	1,583	803	789	810	838	863	8,522
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	836	36	0	0	0	0	872
Transportation Operating Fund	771	2,065	747	767	789	810	838	863	7,650
<b>Total*:</b>	771	2,065	1,583	803	789	810	838	863	8,522
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		1,764	1,047	767	789	810	838	863	6,877
<b>Total:</b>		1,764	1,047	767	789	810	838	863	6,877

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	4,252	23	49	49	49	49	49	49	4,569
Real Estate Excise Tax I	188	0	0	0	0	0	0	0	188
Vehicle Licensing Fees	0	1,180	1,180	1,180	1,180	1,180	1,180	1,180	8,260
Federal Grant Funds	95	150	0	0	0	0	0	0	245
Transportation Funding Package - Parking Tax	5,050	1,301	1,191	1,223	1,259	1,277	1,323	1,363	13,987
Transportation Funding Package - Business Transportation Tax	456	0	19	0	0	0	0	0	475
Transportation Funding Package - Lid Lift	8,823	2,489	2,334	2,320	2,959	3,036	3,132	3,261	28,354
State Gas Taxes - Arterial City Street Fund	1,295	297	222	285	326	334	357	365	3,481
General Subfund Revenues	562	251	0	0	0	0	0	0	813
State Grant Funds	152	1,039	0	0	0	0	0	0	1,191
Rubble Yard Proceeds	0	317	0	0	0	0	0	0	317
<b>Total:</b>	20,873	7,047	4,995	5,057	5,773	5,876	6,041	6,218	61,880
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,252	23	49	49	49	49	49	49	4,569
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	188	0	0	0	0	0	0	0	188
Transportation Operating Fund	16,433	7,024	4,946	5,008	5,724	5,827	5,992	6,169	57,123
<b>Total*:</b>	20,873	7,047	4,995	5,057	5,773	5,876	6,041	6,218	61,880
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	23	49	49	49	49	49	49	317
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	5,749	5,772	5,008	5,724	5,827	5,992	6,169	40,241
<b>Total:</b>	5,772	5,821	5,057	5,773	5,876	6,041	6,218	40,558

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### 2013 - 2018 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>	Q4/2012
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Street Vacations	2,230	1,189	0	0	0	0	0	0	3,419
<b>Total:</b>	2,230	1,189	0	0	0	0	0	0	3,419
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	2,230	1,189	0	0	0	0	0	0	3,419
<b>Total*:</b>	2,230	1,189	0	0	0	0	0	0	3,419
<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		761	20	0	0	0	0	0	781
<b>Total:</b>		761	20	0	0	0	0	0	781

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,151	213	212	212	212	212	212	212	3,636
Real Estate Excise Tax I	286	0	0	0	0	0	0	0	286
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>	3,742	213	212	212	212	212	212	212	5,227
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,151	213	212	212	212	212	212	212	3,636
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	286	0	0	0	0	0	0	0	286
Transportation Operating Fund	1,175	0	0	0	0	0	0	0	1,175
Future Bond Funds	130	0	0	0	0	0	0	0	130
<b>Total*:</b>	3,742	213	212	212	212	212	212	212	5,227
<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		213	212	212	212	212	212	212	1,485
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Transportation Operating Fund		0	0	0	0	0	0	0	0
Future Bond Funds		0	0	0	0	0	0	0	0
<b>Total:</b>		213	212	212	212	212	212	212	1,485

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Rubble Yard Proceeds	0	896	0	0	0	0	0	0	896
<b>Total:</b>	0	896	0	0	0	0	0	0	896
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	896	0	0	0	0	0	0	896
<b>Total*:</b>	0	896	0	0	0	0	0	0	896

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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

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### 2013 - 2018 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Seattle Center City Connector Transit Alternative Analysis

<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>	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>	In more than one Urban Village

This project will examine the benefits, costs and impacts of implementing 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	0	300	0	0	0	0	0	0	300
Federal Grant Funds	0	900	0	0	0	0	0	0	900
<b>Total:</b>	0	1,200	0	0	0	0	0	0	1,200
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	1,200	0	0	0	0	0	0	1,200
<b>Total*:</b>	0	1,200	0	0	0	0	0	0	1,200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		300	900	0	0	0	0	0	1,200
<b>Total:</b>		300	900	0	0	0	0	0	1,200

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### 2013 - 2018 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	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	7,610	1,796	2,041	2,287	1,945	2,037	2,088	2,151	21,955
State Gas Taxes - Arterial City Street Fund	9	18	29	39	52	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>	10,783	1,814	2,070	2,326	1,997	2,037	2,088	2,151	25,266
<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	8,319	1,814	2,070	2,326	1,997	2,037	2,088	2,151	22,802
<b>Total*:</b>	10,783	1,814	2,070	2,326	1,997	2,037	2,088	2,151	25,266
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	1,809	2,070	2,326	1,997	2,037	2,088	2,151	14,478
<b>Total:</b>	1,809	2,070	2,326	1,997	2,037	2,088	2,151	14,478

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Sound Transit Funds	899	141	69	105	105	0	0	0	1,319
<b>Total:</b>	899	141	69	105	105	0	0	0	1,319
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	899	141	69	105	105	0	0	0	1,319
<b>Total*:</b>	899	141	69	105	105	0	0	0	1,319
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		105	105	105	105	0	0	0	420
<b>Total:</b>		105	105	105	105	0	0	0	420

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Sound Transit Funds	0	200	200	245	245	245	245	245	1,625
<b>Total:</b>	0	200	200	245	245	245	245	245	1,625
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	200	200	245	245	245	245	245	1,625
<b>Total*:</b>	0	200	200	245	245	245	245	245	1,625
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>			
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	5,000	0	0	0	5,000
To be determined	0	0	0	0	4,433	0	0	0	4,433
Federal Grant Funds	0	0	467	0	0	0	0	0	467
Transportation Funding Package - Lid Lift	0	0	100	0	0	0	0	0	100
<b>Total:</b>	0	0	567	0	9,433	0	0	0	10,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	5,000	0	0	0	5,000
Transportation Operating Fund	0	0	567	0	4,433	0	0	0	5,000
<b>Total*:</b>	0	0	567	0	9,433	0	0	0	10,000

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	69	119	0	0	0	0	0	0	188
State Gas Taxes - Arterial City Street Fund	597	160	152	64	48	10	0	0	1,031
State Gas Taxes - City Street Fund	44	0	0	0	0	0	0	0	44
King County Funds	5	150	60	30	0	0	0	0	245
2013 Multipurpose LTGO Bond Fund	0	0	10,000	0	0	0	0	0	10,000
2014 Multipurpose LTGO Bond Fund	0	0	0	5,000	0	0	0	0	5,000
<b>Total:</b>	715	429	10,212	5,094	48	10	0	0	16,508
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	715	429	212	94	48	10	0	0	1,508
2013 Multipurpose LTGO Bond Fund	0	0	10,000	0	0	0	0	0	10,000
Future Bond Funds	0	0	0	5,000	0	0	0	0	5,000
<b>Total*:</b>	715	429	10,212	5,094	48	10	0	0	16,508
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		428	212	94	48	10	0	0	792
2013 Multipurpose LTGO Bond Fund		0	10,000	0	0	0	0	0	10,000
Future Bond Funds		0	0	5,000	0	0	0	0	5,000
<b>Total:</b>		428	10,212	5,094	48	10	0	0	15,792

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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	793	150	0	0	0	0	0	0	943
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	1,700	1,700	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	0	2,250	0	0	0	0	0	0	2,250
State Grant Funds	52,404	1,244	0	0	0	0	0	0	53,648
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	19,513	7,253	0	0	0	0	0	0	26,766
2010 Multipurpose LTGO Bond Fund	0	6,317	0	0	0	0	0	0	6,317
2011 Multipurpose LTGO bond Fund	0	22,509	0	0	0	0	0	0	22,509
<b>Total:</b>	137,023	41,423	0	0	0	0	0	0	178,446

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### 2013 - 2018 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	1,464
Transportation Operating Fund	107,046	5,344	0	0	0	0	0	0	112,390
2008 Multipurpose LTGO Bond Fund	9,000	0	0	0	0	0	0	0	9,000
2009 Multipurpose LTGO Bond Fund	19,513	7,253	0	0	0	0	0	0	26,766
2010 Multipurpose LTGO Bond Fund	0	6,317	0	0	0	0	0	0	6,317
2011 Multipurpose LTGO Bond Fund	0	22,509	0	0	0	0	0	0	22,509
<b>Total*:</b>	137,023	41,423	0	0	0	0	0	0	178,446

### O & M Costs (Savings)

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
Transportation Operating Fund	5,344	0	0	0	0	0	0	0	5,344
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	7,253	0	0	0	0	0	0	0	7,253
2010 Multipurpose LTGO Bond Fund	6,317	0	0	0	0	0	0	0	6,317
2011 Multipurpose LTGO Bond Fund	16,445	6,041	13	10	0	0	0	0	22,509
<b>Total:</b>	35,359	6,041	13	10	0	0	0	0	41,423

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

## 2013 - 2018 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>	Q4/2018
<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	2012 Rev	2013	2014	2015	2016	2017	2018	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	377	315	147	150	154	157	160	163	1,623
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	0	0	0	0	0	0	115
State Grant Funds	456	327	120	124	127	129	131	133	1,547
<b>Total:</b>	1,299	642	267	274	281	286	291	296	3,636
<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	1,191	642	267	274	281	286	291	296	3,528
<b>Total*:</b>	1,299	642	267	274	281	286	291	296	3,636
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	642	267	274	281	286	291	296	2,337
<b>Total:</b>	642	267	274	281	286	291	296	2,337

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### 2013 - 2018 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 2012, funds are budgeted under the individual transportation projects in which the spending will occur. For 2013 through 2017, 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	2012 Rev	2013	2014	2015	2016	2017	2018	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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### 2013 - 2018 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>	Q2/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	239	0	0	0	0	0	0	0	239
Federal Grant Funds	2,917	2,365	0	0	0	0	0	0	5,282
City Light Fund Revenues	0	50	0	0	0	0	0	0	50
State Gas Taxes - Arterial City Street Fund	0	15	0	0	0	0	0	0	15
King County Funds	860	0	0	0	0	0	0	0	860
Private Funding/Donations	0	300	0	0	0	0	0	0	300
Seattle Voter-Approved Levy	2,073	346	0	0	0	0	0	0	2,419
Seattle Voter-Approved Levy	610	890	0	0	0	0	0	0	1,500
<b>Total:</b>	6,699	3,966	0	0	0	0	0	0	10,665
<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	3,777	2,730	0	0	0	0	0	0	6,507
2000 Parks Levy Fund	2,073	346	0	0	0	0	0	0	2,419
2008 Parks Levy Fund	610	890	0	0	0	0	0	0	1,500
<b>Total*:</b>	6,699	3,966	0	0	0	0	0	0	10,665
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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
Transportation Operating Fund	2,730	0	0	0	0	0	0	2,730
2000 Parks Levy Fund	346	0	0	0	0	0	0	346
2008 Parks Levy Fund	870	20	0	0	0	0	0	890
<b>Total:</b>	<b>3,946</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,966</b>

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### 2013 - 2018 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 projects that improve transit speed, reliability, access, and convenience, consistent with the Seattle Transit Plan. Funding from the Bridging the Gap package is used to leverage grant and partnership opportunities.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Subfund Revenues	0	0	0	0	0	0	0	0	0
Vehicle Licensing Fees	0	150	500	900	900	900	900	900	5,150
Federal Grant Funds	849	576	0	0	0	0	0	0	1,425
Transportation Funding Package - Lid Lift	10,902	4,285	2,666	2,722	2,790	2,500	2,500	2,500	30,865
City Light Fund Revenues	7	88	0	0	0	0	0	0	95
King County Funds	473	2,164	0	0	0	0	0	0	2,637
State Grant Funds	2,714	5,795	0	0	0	0	0	0	8,509
<b>Total:</b>	14,945	13,058	3,166	3,622	3,690	3,400	3,400	3,400	48,681
<b>Fund Appropriations/Allocations</b>									
General Subfund	0	0	0	0	0	0	0	0	0
Transportation Operating Fund	14,945	13,058	3,166	3,622	3,690	3,400	3,400	3,400	48,681
<b>Total*:</b>	14,945	13,058	3,166	3,622	3,690	3,400	3,400	3,400	48,681
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
General Subfund		0	0	0	0	0	0	0	0
Transportation Operating Fund		13,858	3,166	3,622	3,690	3,400	3,400	3,400	34,536
<b>Total:</b>		13,858	3,166	3,622	3,690	3,400	3,400	3,400	34,536

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Lid Lift	0	0	270	0	0	0	0	0	270
<b>Total:</b>	0	0	270	0	0	0	0	0	270
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	270	0	0	0	0	0	270
<b>Total*:</b>	0	0	270	0	0	0	0	0	270
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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 includes a number of elements including demolishing the existing Alaskan Way Viaduct, constructing a new Alaskan Way surface street and decommissioning the Battery Street Tunnel. In addition, new public space, from the Olympic Sculpture Park to Pioneer Square, will be created including parks and paths, access to the water, places to enjoy views, vibrant public and cultural spaces, and a new urban street that will accommodate all modes of travel and provide an important connection in the City's transportation system. This project was created in 2013. Costs incurred prior to 2013 are included in the Alaskan Way Viaduct & Seawall Replacement project (TC66050). The total estimate for this project, including costs prior to 2013 and beyond 2018, is \$769 million.

		LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
Private Funding/Donations		0	0	0	0	0	20,000	10,000	10,000	40,000
State Grant Funds		0	0	7,000	12,000	15,000	84,000	88,000	82,000	288,000
Transportation Bond Funds		0	0	0	0	10,000	0	0	0	10,000
2014 Multipurpose LTGO Bond Fund		0	0	0	5,000	0	0	0	0	5,000
Interfund Loan		0	0	9,500	19,500	0	0	0	0	29,000
Local Improvement District Bonds		0	0	0	0	37,000	77,000	43,000	49,000	206,000
Waterfront Lid Lift Revenue		0	0	0	0	0	0	19,000	35,000	54,000
Seawall Levy		0	0	3,000	3,000	26,000	18,000	0	0	50,000
<b>Total:</b>		0	0	19,500	39,500	88,000	199,000	160,000	176,000	682,000
<b>Fund Appropriations/Allocations</b>										
Transportation Operating Fund		0	0	7,000	12,000	15,000	104,000	98,000	92,000	328,000
Future Bond Funds		0	0	0	5,000	10,000	0	0	0	15,000
Central Waterfront Improvement Fund		0	0	9,500	19,500	37,000	77,000	43,000	49,000	235,000
Waterfront Lid Lift		0	0	0	0	0	0	19,000	35,000	54,000
UTGO Bond Fund		0	0	3,000	3,000	26,000	18,000	0	0	50,000
<b>Total*:</b>		0	0	19,500	39,500	88,000	199,000	160,000	176,000	682,000
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q4/2012
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	43	1,957	0	0	0	0	0	0	2,000
<b>Total:</b>	43	1,957	0	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	43	1,957	0	0	0	0	0	0	2,000
<b>Total*:</b>	43	1,957	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>									
2008 Parks Levy Fund		452	1,505	0	0	0	0	0	1,957
<b>Total:</b>		452	1,505	0	0	0	0	0	1,957

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### 2013 - 2018 Proposed Capital Improvement Program



## Overview

Seattle City Light (City Light) 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 maintaining, upgrading, and expanding this infrastructure. The CIP also funds a variety of safety improvements, mitigation activities, and licensing requirements. The CIP's overriding goal is to ensure that the facilities required to serve City Light customers with low-cost, reliable power, are in place when and where the power is requested. In 2009 and 2010, City Light received significantly less net wholesale revenue than anticipated due to lower precipitation levels and falling energy prices for the Utility's surplus power. This revenue shortfall required City Light to reduce spending on planned maintenance and capital improvement projects. In response to the revenue shortfall, the City Council and the Mayor undertook a series of actions to help strengthen oversight and the financial management of the Utility. The Rate Stabilization Account was created to protect against future fluctuations in wholesale revenues, the City Light Review Panel was established to advise elected officials on rate and Utility issues, and City Light was directed to develop a Strategic Plan with input from the Review Panel and the public

In July 2012, City Council adopted the City Light 2013-2018 Strategic Plan, which identified capital projects and spending priorities for the Utility (Resolution 31838). The Strategic Plan was used to guide development of City Light's 2013-2014 Proposed Budget and 2013-2018 Proposed CIP, and is available on-line at: <http://clerk.ci.seattle.wa.us/~ordpics/31383AttA.pdf>.

## 2013-2018 CIP

The Strategic Plan identified baseline capital expenditures and developed strategic initiatives for replacing aging infrastructure, automating electrical system control, and leveraging new technology to meet the expectations of City Light customers. The Strategic Plan also identified projects to address regional transmission congestion and regulatory requirements to improve the security and reliability of the transmission grid. These investments are included in the 2013-2018 Proposed CIP and have been summarized into functional categories so that similar or related projects can be easily identified and viewed together. This document details changes from the 2012-2017 Adopted CIP, and provides a breakdown of project allocations to match the appropriations for CIP Budget Control Levels in the 2013-2014 Proposed Budget.

The 2013-2018 Proposed CIP outlines \$1.9 billion in capital spending over six years for a variety of power supply, transmission, distribution, customer services, and central utility needs. Approximately \$190 million of this spending is in response to external projects, including suburban undergrounding

## 2013-2018 Proposed Capital Improvement Program

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. Any significant project changes are submitted for Council approval through the Quarterly Supplemental budget process.

### CIP Revenue Sources

Funding for City Light's CIP comes primarily from retail electricity sales and surplus energy sales on the wholesale market. A minor amount of additional revenue come 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

Projects included in the CIP meet a variety of thematic needs:

- ◆ **Maintain existing infrastructure and support basic operations** – The majority of City Light's CIP projects provide for the maintenance and upkeep of existing systems and equipment, and support the on-going daily operations of the Utility. These projects include major maintenance work to extend the life of facilities and equipment, scheduled replacement of old and failing equipment, and capital programs to support customer connections and repair unexpected system outages. Projects are also included in the CIP to respond to external conditions, such as infrastructure relocations due to major transportation projects. The CIP includes new projects to implement Strategic Plan initiatives to renovate streetlights and underground cables.
- ◆ **Upgrade capacity and services to provide new functionality** – Projects proposed in the CIP may also seek to increase the Utility's generation or distribution capacity, or provide new functionality for the management and customer service systems of the Utility. These projects strive to change the way the Utility operates and delivers service. The CIP includes continued funding for projects such as the Work and Asset Management System, the Customer Information System, and the Energy Management System. In addition, new projects identified by the Strategic Plan are proposed, including the Denny Substation and investments in Automated Metering Infrastructure.
- ◆ **Address 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 also includes projects to improve safety and proactively reduce risk to the Utility's infrastructure. The CIP implements Strategic Plan initiatives addressing transmission grid improvements and regulatory compliance.
- ◆ **Maintain information technology systems** – Over the last several decades, the electric utility industry has come to rely heavily on information technology systems to provide real time management and automation of operations, design and 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 to maintain the hardware and software necessary to provide these functions. The CIP also implements Strategic Plan initiatives to improve cyber security and disaster recovery.

Project ideas are generated from staff throughout the organization and are developed into proposals by the operational divisions of the Utility. Each of the Utility’s organizational lines of business (power supply, transmission and distribution, customer service) prioritizes proposed capital spending within their divisions and submits 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 scheduled future projects and new initiatives. Business cases are developed and revised to document the projects’ expectations and rationale, and include a cost benefit analysis of alternatives, including the do-nothing scenario.

The Utility’s CIP is constrained by the availability of funding and labor resources to devote to capital projects. City Light management seeks to balance the overall needs of the Utility within these constraints and may rescope, reschedule, or defer projects to prepare a comprehensive six-year CIP. The Strategic Planning process provides a venue for vetting major capital spending decisions with elected officials and the public. City Light intends to revisit the Strategic Plan every two years to maintain transparency and set direction for future CIP development.

Recent investments in Utility systems will help identify and evaluate future capital proposals. 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. WAMS was first implemented for distribution operations and engineering groups in 2011, and will be expanded to cover substation operations and power supply assets by Spring 2013. The Utility has prepared a Distribution Outlook report and is expanding this review to include transmission and substation assets.

Tracking asset information will allow the Utility to achieve operational efficiencies, improve maintenance practices on assets, and identify equipment where there is a high risk of failure. Data in WAMS will be used to develop strategic asset management plans for each asset type (generation equipment, large power transformers, substation circuit breakers, poles, underground distribution systems, etc.) and will inform operational/maintenance practices and capital replacement decisions. Through the asset management program, the Utility has conducted condition assessments on 115,000 poles and 28 power transformers, has surveyed 527 miles of overhead transmission lines, and has adjusted the CIP based on the results.

### CIP Expenditures by Major Category

Projects and spending in City Light’s 2013-2018 Proposed CIP are summarized below. The dollar amounts shown in this document are the projects’ total costs to be capitalized, and include both direct costs and associated overhead costs.

	Summary of CIP Project Allocations (in \$1,000s)						
	2013	2014	2015	2016	2017	2018	Total
<b>Power Supply</b>	<b>62,455</b>	<b>56,089</b>	<b>88,360</b>	<b>88,030</b>	<b>67,109</b>	<b>79,473</b>	<b>441,516</b>
Boundary	37,223	25,577	57,202	65,464	47,841	65,078	298,385
Skagit	17,562	22,205	21,184	15,976	11,321	9,269	97,517
Cedar Falls - Tolt	1,710	1,786	3,678	1,644	4,535	1,751	395,902
Power Supply Other	5,960	6,521	6,296	4,946	3,412	3,375	30,510
<b>Transmission</b>	<b>4,724</b>	<b>4,066</b>	<b>12,271</b>	<b>22,793</b>	<b>16,358</b>	<b>16,210</b>	<b>76,422</b>
<b>Distribution</b>	<b>132,211</b>	<b>150,128</b>	<b>205,913</b>	<b>195,351</b>	<b>167,892</b>	<b>136,831</b>	<b>988,326</b>
Substations	19,622	35,026	51,225	29,132	24,020	20,655	179,680

### 2013-2018 Proposed Capital Improvement Program

## Seattle City Light

### Summary of CIP Project Allocations (in \$1,000s)

	2013	2014	2015	2016	2017	2018	Total
Network	18,020	21,479	32,232	43,733	23,919	18,877	158,260
Radial	46,243	49,213	51,716	53,847	51,797	52,967	337,940
Service Connections	32,987	33,956	62,735	61,359	61,929	37,731	290,697
Distribution Other	15,339	10,454	8,005	7,280	6,227	6,601	53,906
<b>External Projects</b>	<b>31,211</b>	<b>45,149</b>	<b>47,373</b>	<b>26,289</b>	<b>24,672</b>	<b>25,247</b>	<b>199,941</b>
Local Jurisdictions	16,865	14,496	12,950	13,346	13,680	14,022	85,359
Transportation	14,299	30,615	34,384	12,903	10,923	11,154	114,278
Customer Other	47	38	39	40	69	71	199,637
<b>Central Utility Projects</b>	<b>52,133</b>	<b>43,789</b>	<b>27,405</b>	<b>23,890</b>	<b>16,256</b>	<b>15,729</b>	<b>179,202</b>
Customer and Billing	16,362	4,004	956	0	0	0	21,322
Finance and IT	9,779	17,500	13,884	11,517	5,317	4,509	62,506
Fleets and Facilities	25,992	22,285	12,565	12,373	10,939	11,220	83,828
<b>Totals:</b>	<b>282,734</b>	<b>299,221</b>	<b>381,322</b>	<b>356,353</b>	<b>292,287</b>	<b>273,490</b>	<b>1,885,407</b>

A more detailed description and summary of each category follows. *In addition, projects are highlighted if their 2013 allocations are more than \$5 million, have changed by more than \$1 million relative to the amount planned for 2013 in the 2012-2017 Adopted CIP, or are new projects in this year's 2013-2018 Proposed CIP.*

**Power Supply:** Projects in this category include improvements to City Light's dams, generators, powerhouses, and other related projects. Projects to comply with federal licensing and environmental mitigation requirements at City Light's dams are also included in this category. 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. The Utility maintains 22 generators in seven power plants that are managed as three separate facilities. The Boundary Facility generates 1,051 megawatts, the Skagit Facility (comprising the Newhalem, Gorge, Diablo, and Ross power plants) generates 823 megawatts, and the Cedar Falls – Tolt Facility generates 47 megawatts.

The 2013-2018 Proposed CIP shows significantly increased spending in Power Supply over the next six years to meet federal relicensing requirements for Boundary Dam. City Light anticipates a new 50-year federal license to operate the facility, and will be required to implement a number of mitigation measures. Boundary Dam provides approximately 40% of the Utility's power needs.

For 2013, the CIP includes \$63.5 million in funding for 62 projects in Power Supply. *Highlights include:*

- ◆ Boundary – Licensing Mitigation (6987): \$16.2 million in 2013 allocations. This project shows a \$15.2 million increase in 2013 allocations from the 2012-2017 Adopted CIP. This reflects a change in accounting practices to capitalize eligible environmental remediation expenses for this project. In addition, the Boundary Dam – Forebay Recreation Area Improvements (6345) and the Boundary Dam – Tailrace Recreation Area Improvements (6346) have been consolidated as related licensing mitigation projects. The allocation increase does not reflect any fundamental change in licensing requirements.

- ◆ Boundary – New Unit – 57 (6533): \$0 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP to develop a new hydro-generator at Boundary Dam. The project requires significant lead-time, and significant construction expense is not anticipated until 2017 and 2018.
- ◆ Boundary Facility – Minor Improvements Program (6401): \$2.5 million in 2013 allocations. This project shows a \$1.9 million increase in 2013 allocations from the 2012-2017 Adopted CIP. The increased funding supports emergent needs, including sluice walkway maintenance, cavitation riser repair, sump pump upgrades, and other small capital projects,
- ◆ Boundary Powerhouse – Transformer Bank Rockfall Mitigation (6485): \$1.3 million in 2013 allocations. This project shows a \$16.3 million decrease in 2013 allocations from the 2012-2017 Adopted CIP. This reflects schedule changes for additional design that delays major construction until 2015, but does not reflect any fundamental change in project scope.
- ◆ Boundary Powerhouse – Unit 53 Generator Rebuild (6352): \$0 in 2013 allocations.
- ◆ Boundary Powerhouse – Unit 55 Generator Rebuild (6303): \$2.8 million in 2013 allocations.
- ◆ Boundary Powerhouse – Unit 56 Generator Rebuild (6354): \$2.2 million in 2013 allocations.
- ◆ Diablo Powerhouse – Rebuild Generator Unit 31 (6422): \$485,000 in 2013 allocations. These generator rebuild projects have been rescheduled to account for available engineering and project management resources over the next 6 years. City Light continually monitors these generators and may further revise schedules to address emerging needs. Project 6352 was decreased by \$7.7 million; project 6303 was increased by \$1.2 million; project 6354 was increased by \$1.5 million; and project 6422 was decreased by \$7.8 million.
- ◆ Boundary Seal Ring and Bushing Improvements (6525): \$2.1 million in 2013 allocations. This project was created in the 2012 First Quarter Supplemental Budget Ordinance. The project rehabilitates seal rings and bushings showing excessive wear in turbine runners. The project shows a \$420,000 reduction in 2013 allocations.
- ◆ Diablo Load Interrupters Replacement (6532): \$3.3 million in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$3.4 million in total project allocations. This project replaces aging 230 kV load interrupters that protect transformer banks at the Diablo Facility.
- ◆ Gorge Powerhouse – Fire Protection Improvements (8326): \$0 in 2013 allocations.
- ◆ Ross Powerhouse – Fire Protection System Modification (6166): \$194,000 in 2013 allocations. These projects have been reinstated in the 2013-2018 Proposed CIP to provide water-spray fire suppression systems at Skagit generators. Project 8326 has \$586,000 in total project allocations and project 6166 has \$194,000 in total project allocations.
- ◆ Ross Rock Slide Area Improvements (6516): \$2.4 million in 2013 allocations. This project shows a \$2.1 million increase in 2013 allocations from the 2012-2017 Adopted CIP. Construction bids for this project were higher than anticipated and the project requires more extensive blasting and rock removal to stabilize the area. This increased scope has extended the schedule for this project.
- ◆ Skagit – Facilities Energy Conservation Program (6515): \$2.1 million in 2013 allocations. This project shows a \$2.1 million increase in 2013 allocations from the 2012-2017 Adopted CIP. This increase reflects higher than anticipated construction bids for the project, which has deferred completion of the work into 2013.
- ◆ Skagit Facility – Minor Improvements Program (6405): \$4.4 million in 2013 allocations. This project shows a \$3.5 million increase in 2013 allocations from the 2012-2017 Adopted CIP. This project has expanded to include minor improvement programs previously listed individually for the three Skagit Facilities (Gorge, Ross, Diablo). The increase also reflects new small capital projects, including boat facility improvements, load interrupter improvements, and CCTV security projects.

- ◆ Cedar Falls – Masonry Dam Stream Flow System Retrofit (6534): \$0 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$160,000 in total project allocations. The project replaces aging water flow sensors at the Masonry Dam.
- ◆ Cedar Falls – New Generator 5/6 Exciters (6531): \$0 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$333,000 in total project allocations. The project replaces the aging excitation system at Cedar Falls to meet regional reliability standards.
- ◆ Cedar Falls Powerhouse – Penstock Stabilization (6358): \$132,000 in 2013 allocations. This project shows a \$3.0 million decrease in 2013 allocations from the 2012-2017 Adopted CIP. This project provides seismic upgrades and repairs to the Cedar Falls penstocks that deliver water to the generators. A detailed risk assessment of the project identified acceptable safeguards that allow this project to be deferred until 2017, or longer if necessary.
- ◆ Cedar Falls Powerhouse – Unit 5/6 Generator Protective Relay (6450): \$471,000 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$538,000 of total project allocations. The project protects the Cedar Falls generators from abnormal changes in frequency and voltage in compliance with regional reliability standards.
- ◆ Hydro Project Spill Containment (6530): \$306,000 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$4.8 million in total project allocations. This project implements oil spill prevention and response improvements at the Utility's powerhouses. The project will reduce the impact of accidental oil spills from power operations and reduce the Utility's environmental liability.

**Transmission:** Projects in this category include transmission capacity and reliability projects to deliver power from City Light's dams to City Light's distribution system and connections to the regional power grid. City Light owns and maintains 650 miles of transmission capacity that connect the Skagit Facilities to Seattle. City Light leases additional transmission capacity to connect to the Boundary, Cedar Falls, and Tolt Facilities.

For 2013, the CIP includes \$4.7 million in funding for six projects in Transmission. **Highlights include:**

- ◆ Transmission Line Inductor Installation (8461): \$227,000 in 2013 allocations.
- ◆ Transmission Line Reconductoring (8462): \$217,000 in 2013 allocations. These are new projects in the 2013-2018 Proposed CIP to relieve power congestion and improve reliability for the Puget Sound Area Northern Intertie. The projects are part of a regional solution in conjunction with the Bonneville Power Administration and Puget Sound Energy. Project 8461 has \$13.7 million in total project allocations and project 8462 has \$6.3 million in total project allocations.
- ◆ Transmission Reliability (7104): \$3.5 million in 2013 allocations. This project shows an increase of \$1.1 million in 2013 allocations from the 2012-2017 Adopted CIP. The project supports the Utility's efforts to meet NERC reliability requirements.
- ◆ Denny Substation Transmission Lines (7125): \$121,000 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP to design and construct transmission lines to the new Denny Substation.

**Distribution:** Projects in this category include improvements to City Light's distribution substations, relays, feeders, network distribution systems, overhead and underground radial distribution systems, service connections, customer meters, and other projects related to the distribution system. The 2013-2018 Proposed CIP shows significantly increased spending over the next six years in support of Strategic Plan initiatives. Three major drivers include Denny Substation Development (7757), Denny Substation – Network (8404), and Advanced Metering Infrastructure (8426).



The Denny Substation will be the Utility's first major substation capacity investment in 30 years. It provides redundancy to feed power to the existing distribution system, and allows for development of a distribution network to support the growth of economic activity in South Lake Union. The Utility also proposes to begin deployment of Advanced Metering (Smart Meters) beginning in 2015. This deployment schedule allows City Light to fully plan for the transition, provide customer education in advance of the project, and ensure that the necessary communication and data systems are in place to implement the project.

For 2013, the CIP includes \$132.3 million in funding for 66 projects in Distribution. **Highlights include:**

- ◆ Bothell Substation – Transformer Replacements (7812): \$0 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP, with projected spending in 2017-2018. This project need was identified based on condition assessments of transformers performed by City Light's Asset Management program.
- ◆ Denny Substation Development (7757): \$2.0 million in 2013 allocations. This project shows an additional \$2.0 million in 2013 allocations from the 2012-2017 Adopted CIP. Budget provisos on this project were lifted by Ordinance 123835, and additional funding has been included to design and build the Denny Substation.
- ◆ Relaying Improvements (7753): \$2.9 million in 2013 allocations. This project shows a reduction of \$2.6 million in 2013 allocations from the 2012-2017 Adopted CIP. This reflects a shift in distribution system priorities to transformer replacements. Some work was shifted to future years.
- ◆ Substation Automation (8424): \$1.0 million in 2013 allocations. This project shows a reduction of \$3.2 million in 2013 allocations from the 2012-2017 Adopted CIP. Project funding has been reduced to account for emerging technologies and anticipated labor efficiencies. Cost estimates for 2015 and beyond may need to be revised based on implementation experience.
- ◆ Substation Equipment Improvements (7752): \$4.2 million in 2013 allocations. This project shows a reduction of \$2.6 million in 2013 allocations from the 2012-2017 Adopted CIP. This reflects a shift in distribution system priorities to transformer replacements and other substation projects. Some work was shifted to future years.
- ◆ Broad Street Substation – Network (8203): \$4.4 million in 2013 allocations. This project shows a \$2.5 million increase in 2013 allocations from the 2012-2017 Adopted CIP. This increase supports recent development and economic growth in the Denny Triangle. Some of this increased power load may shift to the new Denny substation in the future.
- ◆ Denny Substation – Network (8404): \$2.5 million in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP. The project designs and builds a distribution network for the South Lake Union area, served by the new Denny Substation.
- ◆ University Substation – Network (8464): \$371,000 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP. This project will track network improvements in the University District, in anticipation of potential future University of Washington expansion plans. Previously, University District network costs were combined with First Hill network costs in project 8301.
- ◆ Automated Utility Design Implementation (9950): \$1.1 million in 2013 allocations. This project shows an increase of \$1.1 million in 2013 allocations from the 2012-2017 Adopted CIP. This reflects a delay in project implementation, which was originally scheduled for 2011. Cost estimates have increased to account for internal engineering and IT labor resources necessary to implement the project.
- ◆ Mobile Workforce Implementation (8429): \$0 in 2013 allocations. This project shows a reduction of \$1.1 million in 2013 allocations from the 2012-2017 Adopted CIP. This reflects a

delay in project implementation until 2015. The delay will allow for better coordination with the new customer billing and information systems and the Advanced Metering Infrastructure project.

- ◆ PCB Transformer Replacement (8463): \$305,000 in 2013 allocations. This is a new on-going project in the 2013-2018 Proposed CIP to remove transformers containing PCBs from the Utility's distribution system. This project will reduce the Utility's environmental liability.
- ◆ Overhead Equipment Replacements (8351): \$9.2 million in 2013 allocations.
- ◆ Wood Pole Replacement Program (8371): \$9.8 million in 2013 allocations.  
These projects provide funding for replacing poles and associated overhead distribution equipment. The increased funding reflects trends in higher spending for replacement of aging equipment and acceleration of the wood pole replacement program based on condition surveys. Project 8351 has been increased by \$1.8 million, and project 8371 has been increased by \$2.8 million.
- ◆ Advanced Metering Infrastructure (8426): \$0 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP, with project spending anticipated to begin in 2015. The project will design and implement conversion of City Light's mechanical meters to modern digital meters.
- ◆ Customer Portal Development (9944): \$870,000 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$1.8 million in total project allocations. This project will allow for on-line bill payment and other customer service improvements, and leverage the city-wide web-content management system.
- ◆ Large Overhead and Underground Services (8365): \$2.6 million in 2013 allocations
- ◆ Medium Overhead and Underground Services (8366): \$6.8 million in 2013 allocations.
- ◆ Small Overhead and Underground Services (8367): \$5.5 million in 2013 allocations
- ◆ Network Additions and Services: Denny (8405): \$129,000 in 2013 allocations.
- ◆ Network Additions and Services: Broad Street Substation (8363): \$6.7 million in 2013 allocations.
- ◆ Network Additions and Services: First Hill, Mass, Union & University (8363): \$2.2 million in 2013 allocations.
- ◆ Meter Additions (8054): \$4.4 million in 2013 allocations.  
These projects respond to customer requests for service connections and meters. Project funding is based on revised forecasts of customer activity and available staffing. Project 8365 was reduced by \$1.3 million; Project 8366 was reduced by \$1.9 million; Project 8367 was reduced by \$638,000; Project 8405 is a new project for network connections to the Denny Substation; Project 8363 was increased by \$1.0 million; Project 8363 was reduced by \$2.5 million; and Project 8054 was decreased by \$3.8 million.
- ◆ Federal and Regional Reliability Standards Compliance (9963): \$783,000 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$783,000 in total project allocations. The project will develop and implement a compliance tracking system to document the Utility's adherence to federal and regional reliability standards.

**External Projects:** Projects in this category 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. Because projects in this category respond to external drivers and specific customer requests, the CIP generally shows a decreased level of spending in future years for External Projects.

For 2013, the CIP includes \$30.7 million for 18 projects in External Projects. *Highlights include:*

- ◆ Shoreline Undergrounding: North City and Aurora Avenue North (8320): \$5.8 million in 2013 allocations. This project shows an additional \$2.8 million in 2013 allocations from the 2012-2017 Adopted CIP, and reflects revised construction schedules for these City of Shoreline transportation projects. Costs for this project are fully recovered through rate adjustments to City of Shoreline ratepayers per the terms of City Light's franchise agreement.
- ◆ Streetlight Infrastructure Replacement (8460): \$2.0 million in 2013 allocations. This is a new on-going program to assess and replace deteriorating underground streetlight infrastructure. Costs for this project are recovered through Streetlight rates.
- ◆ Streetlight LED Conversion Program (8441): \$4.5 million in 2013 allocations. This program shows a reduction of \$1.2 million in 2013 allocations from the 2012-2017 Adopted CIP, reflecting improved pricing in LED technology. Conversion of the entire residential streetlight system will be completed in 2014, and the program will shift to replacing arterial streetlights, beginning with secondary and collector arterial streets. Costs for this project are recovered through Streetlight rates.
- ◆ Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307): \$6.2 million in 2013 allocations. This project shows a \$12.8 million decrease in 2013 allocations from the 2012-2017 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 driven by the transportation project.
- ◆ Mercer Corridor Relocations (8376): \$1.4 million in 2013 allocations. This project shows a \$1.3 million decrease in 2013 allocations from the 2012-2017 Adopted CIP. This decrease reflects a change in cash flow assumptions related to this Seattle Department of Transportation project, rather than significant changes in project scope.
- ◆ Mercer Corridor West Phase Relocations (8443): \$545,000 in 2013 allocations. This project shows a \$3.5 million reduction in 2013 allocations from the 2012-2017 Adopted CIP. This decrease reflects recent design changes to reduce the number of transmission line relocations and utility undergrounding needed to support this Seattle Department of Transportation project.
- ◆ Sound Transit Northlink – City Light (8427): \$3.2 million in 2013 allocations. This project shows a \$2.7 million increase in 2013 allocations from the 2012-2017 Adopted CIP. This increase reflects refinement of the Sound Transit Northlink project and acceleration of the Utility's work to support the project. Work on this project is fully recovered through construction agreements with Sound Transit.

**Central Utility Projects:** Projects in this category provide for centralized billing and customer service systems, financial and information technology systems that are critical to the Utility's operation, and vehicle fleets and facilities that are not part of the power generating plant (e.g., equipment shops, service centers, and maintenance yards). Several projects implementing Strategic Plan initiatives are included in this category, including development of the new Technical Training Center and a number of information technology system improvements.

For 2013, the CIP includes \$49.3 million for 32 projects in Central Utility Projects. *Highlights include:*

- ◆ Customer Information System (9937): \$13.5 million in 2013 allocations. This project shows an increase of \$5.5 million in 2013 allocations from the 2012-2017 Adopted CIP, reflecting more refined project scope and cost estimates. This project replaces the existing Consolidated Customer Service System (shared with SPU), and accounts for City Light's portion of half the project cost.

- ◆ Energy Management System (9956): \$0 in 2013 allocations. This project shows a decrease of \$8.4 million in 2013 allocations from the 2012-2017 Adopted CIP. This project modernizes controls and data management systems for energy operations. The start of this project has been delayed until 2014.
- ◆ Enterprise Document Management System (9962): \$533,000 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$3 million in total project allocations. This project implements City of Seattle Enterprise Document Management solutions for the Utility.
- ◆ Information Technology Strategic Planning and Disaster Recovery (9964): \$655,000 in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP to develop a disaster recovery plan for the Utility's IT systems, and improve internal procedures and practices. This planning will allow the Utility to participate in the city-wide disaster recovery effort, and clarify the Utility's needs for the city-wide effort. City Light will coordinate with the city-wide IT infrastructure solution for IT disaster response, led by DOIT.
- ◆ IT Security Upgrades (9960): \$887,000 in 2013 allocations. This is a new on-going program to address security vulnerabilities, provide intrusion detection and response, and make other security-related system and procedural improvements.
- ◆ PC, Windows, Software Upgrades (9951): \$1.7 million in 2013 allocations. This project shows an increase of \$1.7 million in 2013 allocations from the 2012-2017 Adopted CIP. This project, originally scheduled to be complete in 2012, has extended into 2013. The increased funding for 2013 does not reflect any fundamental change in project scope or cost.
- ◆ Summit FinMap Upgrade – City Light (9961): \$1.2 million in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$2.5 million in total project allocations. This project implements the citywide upgrade of the Summit financial system.
- ◆ Miscellaneous Building Improvements (9007): \$2.1 million in 2013 allocations. This project shows an increase of \$1.9 million in 2013 allocations from the 2012-2017 Adopted CIP. The increased funding addresses seismic and building structure issues at the service centers and substation buildings.
- ◆ Safety Modifications (9006): \$1.4 million in 2013 allocations. This project shows an increase of \$1.2 million in 2013 allocations from the 2012-2017 Adopted CIP. The increased funding supports the Strategic Plan's safety initiative to replace outdated shop equipment at the South Service Center, Boundary and Skagit facilities.
- ◆ Technical Training Center Development (9230): \$4.8 million in 2013 allocations. This is a new project in the 2013-2018 Proposed CIP with \$6.9 million in total project allocations. The project develops a dedicated training facility on property the utility already owns. The new facility will consolidate training functions for apprentice and journey-level lineworkers, tradeworkers, electricians, and technicians.
- ◆ Vehicle Replacement (9101): \$7.8 million in 2013 allocations. This project shows a decrease of \$1.4 million in 2013 allocations from the 2012-2017 Adopted Budget. The Utility continues to pursue efficiencies in managing the vehicle fleet and expects to reduce the fleet by approximately 200 vehicles in 2012, resulting in a fleet inventory of approximately 900 vehicles and pieces of mobile equipment.
- ◆ Workplace and Process Improvements (9159): \$1.3 million in 2013 allocations. This project shows a reduction of \$1.5 million in 2013 allocations from the 2012-2017 Adopted Budget. The reduction reflects an internal review of current facility needs.

**CIP Budget Control Levels in the 2013-2014 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 Operating Budget Control Levels, the total project allocations in the CIP Programs are higher than the corresponding CIP Budget Control Levels in the 2013-2014 Proposed Budget. A table explaining how the 2013 CIP Program totals align with CIP Budget Control Levels in the 2013 Proposed Budget is shown below.

**CIP Programs – Project Totals for 2013 (\$1,000s)**

<b>Direct Costs (\$1,000s)</b>	<b>Power Supply</b>	<b>Transmission</b>	<b>Distribution</b>	<b>External Projects</b>	<b>Central Utility Projects</b>	<b>2013 Proposed Appropriation</b>
<b>Levels</b> Power Supply & Environmental Affairs – CIP (SCL250)	50,739	0	0	0	22,185	<b>72,924</b>
Transmission and Distribution – CIP (SCL360)	0	2,699	63,344	0	0	<b>66,043</b>
Customer Focused – CIP (SCL370)	0	0	18,476	20,064	14,963	<b>53,503</b>
Financial Services – CIP (SCL550)	0	0	0	0	8,612	<b>8,612</b>
<b>Total Direct Costs</b>	<b>50,739</b>	<b>2,699</b>	<b>81,820</b>	<b>20,064</b>	<b>45,761</b>	<b>201,082</b>
<b>Loadings and Overhead Estimates (appropriated separately in Operating BCLs)</b>						
Interest During						
Construction	3,333	52	2,449	1,647	981	8,462
Paid Time Off	1,027	212	4,980	919	599	7,737
Fringe Benefits	2,089	430	10,129	1,869	1,218	15,735
Payroll Tax (FICA)	481	108	2,714	507	272	4,082
Material	11	87	1,669	1,001	3	2,771
Transportation	152	176	3,459	696	80	4,563
Shop	39	5	162	7	211	424
Administrative & General	4,584	955	24,829	4,501	3,008	37,878
<b>CIP Project Allocations</b>	<b>62,455</b>	<b>4,724</b>	<b>132,211</b>	<b>31,211</b>	<b>52,133</b>	<b>282,734</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 projects into subsequent years. This allows for careful review of project changes, and easier tracking of

total budget and spending on these projects. The 2013-2018 Proposed CIP includes 38 “lifetime” appropriation projects. Examples include:

- ◆ Advanced Metering Infrastructure (8426)
- ◆ Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307)
- ◆ Boundary – Licensing Mitigation (6987)
- ◆ 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, the 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 the Department’s operating budget. In some projects, City Light has identified operations and maintenance costs of zero, or has not calculated 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

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>A1 Power Supply - Boundary</b>									
		<b>BCL/Program Code: SCL250-A1</b>							
Boundary - Licensing Mitigation (6987)	4	519	16,222	12,365	24,826	35,107	13,857	23,888	126,788
Boundary - New Unit - 57 (6533)	0	0	0	111	338	1,457	4,404	22,569	28,879
Boundary Dam - Emergency Lighting Improvements (6342)	871	75	94	0	0	0	0	0	1,040
Boundary Dam - Instrumentation Upgrade and Integration (6343)	4,735	1,523	451	263	24	0	0	0	6,996
Boundary Dam - Outrigger/Transformer Line Replacement System (6357)	713	15	27	0	0	0	0	0	755
Boundary Dam - Spillgate Hoist House Rehab & Oil Control (6349)	468	378	37	0	0	0	0	0	883
Boundary Dam - Units 51-54 Turbine Pit Cranes (6350)	0	0	158	0	0	0	0	0	158
Boundary Dam - Units 51-56 Penstock Flow Monitoring (6383)	0	0	0	521	0	0	0	0	521
Boundary Facility - Electrical System Upgrades (6432)	1,267	196	225	0	0	0	0	0	1,688
Boundary Facility - Minor Improvements Program (6401)	9,914	1,663	2,458	2,280	9,273	18,084	17,792	6,528	67,992
Boundary Powerhouse - Transformer Bank Rockfall Mitigation (6485)	502	3,078	1,265	1,702	18,537	182	0	0	25,266
Boundary Powerhouse - Unit 51 Generator Rebuild (6351)	0	0	0	0	0	0	0	6,819	6,819
Boundary Powerhouse - Unit 53 Generator Rebuild (6352)	0	93	0	0	0	125	6,586	1,110	7,914
Boundary Powerhouse - Unit 54 Generator Rebuild (6353)	0	0	0	0	0	6,487	1,139	0	7,626
Boundary Powerhouse - Unit 55 Generator Rebuild (6303)	2,917	18,863	2,756	0	0	0	0	0	24,536
Boundary Powerhouse - Unit 55 Turbine Runner Replacement (6491)	5,084	6,139	1,430	267	69	0	0	0	12,989
Boundary Powerhouse - Unit 56 Generator Rebuild (6354)	740	13,448	2,216	875	689	0	0	0	17,968
Boundary Powerhouse - Unit 56 Turbine Runner Replacement (6490)	0	8,472	3,940	1,161	284	57	0	0	13,914

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**

**Project Summary**

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Boundary Seal Ring and Bushing Improvements (6525)	0	0	2,117	0	0	0	0	0	2,117
Boundary Switchyard - Generator Step-up Transformers (6493)	48	3,112	3,827	6,032	3,162	3,965	4,063	4,164	28,373
<b>A1 Power Supply - Boundary</b>	27,263	57,574	37,223	25,577	57,202	65,464	47,841	65,078	383,222
<b>A2 Power Supply - Skagit</b>						<b>BCL/Program Code:</b>		<b>SCL250-A2</b>	
Diablo Camp - Sewer System Rehabilitation (6232)	66	0	264	2,632	0	0	0	0	2,962
Diablo Facility - Lines Protection Upgrades (6483)	1,596	318	58	0	0	0	0	0	1,972
Diablo Facility - Minor Improvements Program (6403)	2,142	1,283	0	0	0	0	0	0	3,425
Diablo Facility - Storage Building (6481)	103	745	973	0	0	0	0	0	1,821
Diablo Load Interrupters Replacement (6532)	0	0	3,292	89	0	0	0	0	3,381
Diablo Powerhouse - Control and Power Cabling Replacement (6363)	0	0	0	388	402	0	0	0	790
Diablo Powerhouse - Crane Wheel Replacements (6471)	0	161	58	0	0	0	0	0	219
Diablo Powerhouse - DC Lighting Systems Upgrade (6365)	0	0	250	22	0	0	0	0	272
Diablo Powerhouse - Rebuild Generator Unit 31 (6422)	0	0	485	10,526	2,852	1,227	69	0	15,159
Diablo Powerhouse - Rebuild Generator Unit 32 (6423)	0	0	0	0	7,120	1,134	0	0	8,254
Diablo Switchyard - Controls for Breakers and Switches (6417)	29	0	116	130	0	0	0	0	275
Gorge Facility - Minor Improvements Program (6404)	2,112	349	0	0	0	0	0	0	2,461
Gorge Facility - Second Tunnel Installation (6302)	5,517	1,146	293	0	0	0	0	0	6,956
Gorge Powerhouse - Control and Power Cabling Replacement (6328)	0	0	105	435	0	0	0	0	540
Gorge Powerhouse - Fire Protection Improvements (6326)	0	0	0	0	77	83	237	189	586

\*Amounts in thousands of dollars



## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Gorge Powerhouse - Transformer Bank 10 Replacement (6224)	404	297	61	0	0	0	0	0	762
Ladder Creek Garden - Irrigation and Illumination (6234)	2,756	174	153	624	0	0	0	0	3,707
Newhalem - Generator 20/Support Facility Rebuild (6479)	865	15	16	0	0	0	0	0	896
Ross Dam - AC/DC Distribution System Upgrade (6373)	1,229	528	409	460	930	0	0	0	3,556
Ross Powerhouse - Fire Protection Systems Modification (6166)	2,239	0	194	0	0	0	0	0	2,433
Ross Powerhouse - Programmable Language Controller Upgrade (6376)	0	0	191	356	308	0	0	0	855
Ross Powerhouse - Replace Governor Oil Pumps (6377)	0	0	115	676	42	0	0	0	833
Ross Rock Slide Area Improvements (6516)	7	1,898	2,357	1,907	0	0	0	0	6,169
Skagit - Facilities Energy Conservation Program (6515)	0	2,719	2,114	0	0	0	0	0	4,833
Skagit Facilities Plan (6520)	0	1,225	753	453	1,399	2,312	0	0	6,142
Skagit Facility - Minor Improvements Program (6405)	9,614	6,255	4,444	3,018	7,135	10,835	10,863	8,920	61,084
Skagit Facility - Oil Containment Improvements (6458)	1,329	297	269	226	0	0	0	0	2,121
Skagit Facility - Radio System Improvements (6421)	9	0	93	141	790	55	0	0	1,088
Skagit Facility - Security Systems (6388)	1,434	195	67	0	0	0	0	0	1,696
Skagit Licensing Mitigation (6991)	35,252	1,433	135	122	129	330	152	160	37,713
Skagit Powerhouses - Install Protection Relays (6415)	1,994	343	297	0	0	0	0	0	2,634
<b>A2 Power Supply - Skagit</b>	<b>68,697</b>	<b>19,381</b>	<b>17,562</b>	<b>22,205</b>	<b>21,184</b>	<b>15,976</b>	<b>11,321</b>	<b>9,269</b>	<b>185,595</b>
<b>A3 Power Supply - Cedar Falls - Tolt</b>									
							<b>BCL/Program Code:</b>	<b>SCL250-A3</b>	
Cedar Falls - Masonry Dam Stream Flow System Retrofit (6534)	0	0	0	160	0	0	0	0	160
Cedar Falls - New Generator 5/6 Exciters (6531)	0	0	0	269	64	0	0	0	333

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Cedar Falls Powerhouse - Penstock Stabilization (6358)	1,911	397	132	443	658	71	2,925	97	6,634
Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay (6450)	1,004	659	471	67	0	0	0	0	2,201
Cedar Falls Powerhouse - Valvehouse Rehabilitation (6324)	0	0	0	0	389	0	0	0	389
Cedar Falls/South Fork Tolt - Minor Improvements Program (6406)	4,957	1,051	805	847	2,567	1,573	1,610	1,654	15,064
Tolt Facility - Penstock Rehabilitation (6478)	0	0	260	0	0	0	0	0	260
Tolt Powerhouse - Power Monitoring Equipment Upgrades (6323)	0	0	42	0	0	0	0	0	42
<b>A3 Power Supply - Cedar Falls - Tolt</b>	<b>7,872</b>	<b>2,107</b>	<b>1,710</b>	<b>1,786</b>	<b>3,678</b>	<b>1,644</b>	<b>4,535</b>	<b>1,751</b>	<b>25,083</b>
<b>A4 Power Supply - Power Supply Other</b>						<b>BCL/Program Code:</b>		<b>SCL250-A4</b>	
Endangered Species Act Mitigation (6990)	10,364	2,011	1,097	1,162	1,231	1,304	1,381	1,462	20,012
Energy Trading and Risk Management (ETRM) System (9936)	1,798	700	0	0	0	0	0	0	2,498
Generation Federal Reliability Standards Improvements (6470)	7,228	825	1,071	800	298	297	0	0	10,519
Hydro Project Spill Containment (6530)	0	0	306	559	1,021	1,006	1,026	882	4,800
Power Production - Network Controls (6385)	1,247	2,449	2,577	3,068	2,791	1,358	0	0	13,490
Special Work Equipment - Generation Plant (6102)	11,366	1,282	909	932	955	981	1,005	1,031	18,461
<b>A4 Power Supply - Power Supply Other</b>	<b>32,003</b>	<b>7,267</b>	<b>5,960</b>	<b>6,521</b>	<b>6,296</b>	<b>4,946</b>	<b>3,412</b>	<b>3,375</b>	<b>69,780</b>
<b>B1 Transmission - Transmission</b>						<b>BCL/Program Code:</b>		<b>SCL360-B1</b>	
Denny Substation Transmission Lines (7125)	0	940	121	560	1,343	9,052	12,592	12,944	37,552
Transmission Capacity (7011)	11,575	22	50	24	24	25	25	26	11,771
Transmission Inter-Agency (7105)	1,248	559	642	525	510	522	535	549	5,090
Transmission Line Inductor Installation (8461)	0	0	227	231	6,604	6,665	0	0	13,727
Transmission Line Reconductoring (8462)	0	0	217	209	1,288	3,968	581	0	6,263

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Transmission Reliability (7104)	10,345	3,436	3,467	2,517	2,502	2,561	2,625	2,691	30,144
<b>B1 Transmission - Transmission</b>	23,168	4,957	4,724	4,066	12,271	22,793	16,358	16,210	104,547
<b>C1 Distribution - Substations</b>						<b>BCL/Program Code:</b>		<b>SCL360-C1</b>	
Bothell Substation - Transformer Replacements (7812)	0	0	0	0	0	0	2,963	3,144	6,107
Canal Substation - Transformer Replacements (7778)	0	0	0	0	2,384	2,537	1,079	1,003	7,003
Denny Substation Development (7757)	40,011	17,381	2,039	15,760	26,520	8,598	942	0	111,251
North Substation - Transformer Replacements (7777)	107	6,216	1,111	12	0	0	0	0	7,446
Power Stations Demand Driven Improvements (7755)	5,651	6	6	6	6	7	7	7	5,696
Power Stations Oil Containment (7783)	0	262	483	452	445	455	466	478	3,041
Relaying Improvements (7753)	13,544	2,791	2,859	4,223	5,112	4,029	4,149	3,406	40,113
Replace Breakers BPA Covington and Maple Valley Substations (7121)	546	13	13	14	15	16	17	18	652
Shoreline Substation - Transformer Replacements (7776)	34	0	2,543	3,445	967	927	6	0	7,922
Substation Automation (8424)	213	1,808	1,024	1,044	855	875	897	920	7,636
Substation Breaker Replacements and Reliability Additions (7779)	11,644	4,549	3,467	3,061	5,118	4,642	5,963	3,957	42,401
Substation Capacity Additions (7751)	5,630	1,531	1,127	1,291	1,773	1,715	1,437	1,476	15,980
Substation Equipment Improvements (7752)	40,244	3,965	4,183	5,019	7,125	4,443	5,184	5,313	75,476
Substation Plant Improvements (7750)	6,891	1,093	767	699	905	888	910	933	13,086
<b>C1 Distribution - Substations</b>	124,515	39,615	19,622	35,026	51,225	29,132	24,020	20,655	343,810
<b>C2 Distribution - Network</b>						<b>BCL/Program Code:</b>		<b>SCL360-C2</b>	
Broad Street Substation - Network (8203)	56,762	1,817	4,377	6,800	7,013	7,179	2,081	2,133	88,162
Denny Substation - Network (8404)	143	0	2,501	4,921	12,876	23,928	8,894	4,615	57,878

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
First Hill - Network (8301)	9,370	1,391	1,473	1,382	2,606	2,668	2,734	1,639	23,263
Massachusetts Street Substation - Networks (8202)	16,972	4,545	3,401	3,341	3,671	3,758	3,852	3,948	43,488
Network Hazeltine Upgrade (8129)	4,390	622	527	516	584	615	654	695	8,603
Network Maintenance Hole and Vault Rebuild (8130)	45,091	2,973	2,681	2,320	2,886	2,955	2,981	3,056	64,943
Union Street Substation Networks (8201)	21,064	1,508	2,689	1,676	2,205	2,257	2,314	2,371	36,084
University Substation - Network (8464)	0	0	371	523	391	373	409	420	2,487
<b>C2 Distribution - Network</b>	<b>153,792</b>	<b>12,856</b>	<b>18,020</b>	<b>21,479</b>	<b>32,232</b>	<b>43,733</b>	<b>23,919</b>	<b>18,877</b>	<b>324,908</b>
<b>C3 Distribution - Radial</b>						<b>BCL/Program Code:</b>		<b>SCL360-C3</b>	
Automated Utility Design Implementation (9950)	12	50	1,093	405	0	0	0	0	1,560
Dallas Ave. 26 kV Crossing (8322)	413	0	43	144	122	130	0	0	852
Distribution Automation (8425)	0	0	313	2,136	2,186	2,238	0	0	6,873
Lake Forest Park - Feeder Rehabilitation (8384)	3,166	1,232	57	0	0	0	0	0	4,455
Laurelhurst - Underground Rebuild (8373)	2,611	5,033	1,117	580	0	0	0	0	9,341
Mobile Workforce Implementation (8429)	0	548	0	0	1,557	2,949	1,228	1,185	7,467
Neighborhood Cable Injection Program (8440)	6,207	6,809	4,583	4,690	4,205	4,305	4,412	4,522	39,733
Overhead 26kV Conversion (8358)	6,784	1,887	1,548	1,757	1,412	594	684	701	15,367
Overhead Customer Driven Capacity Additions (8355)	20,721	3,557	4,006	4,233	4,908	5,029	5,145	5,278	52,877
Overhead Equipment Replacements (8351)	28,758	6,741	9,238	9,938	10,482	10,135	13,090	13,374	101,756
Overhead System Capacity Additions (8356)	19,732	2,761	2,119	2,183	2,845	2,712	2,885	2,860	38,097
PCB Transformer Replacement (8463)	0	0	305	334	1,241	1,330	1,323	1,324	5,857
Pole Attachment Requests Preparation Work (8452)	949	1,498	2,341	2,718	2,737	3,378	3,462	3,549	20,632
Underground 26kV Conversion (8362)	4,224	2,211	855	1,376	1,714	1,536	1,130	1,332	14,378
Underground Customer Driven Capacity Additions (8360)	13,179	3,150	1,819	2,078	1,879	1,922	1,972	2,018	28,017

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Underground Equipment Replacements (8353)	5,902	3,552	3,963	7,180	5,129	4,939	3,617	3,722	38,004
Underground System Capacity Additions (8361)	15,497	2,107	3,020	2,385	2,276	2,331	2,390	2,447	32,453
Wood Pole Replacement Program (8371)	17,105	8,256	9,823	7,076	9,023	10,319	10,459	10,655	82,716
<b>C3 Distribution - Radial</b>	145,260	49,392	46,243	49,213	51,716	53,847	51,797	52,967	500,435
<b>C4 Distribution - Service Connections</b>						<b>BCL/Program Code:</b>		<b>SCL370-C4</b>	
Advanced Metering Infrastructure (8426)	0	0	0	0	29,190	27,689	29,544	4,703	91,126
Customer Portal Development (9944)	0	0	870	927	0	0	0	0	1,797
Large Overhead and Underground Services (8365)	8,310	6,067	2,641	2,842	2,683	2,763	2,789	2,951	31,046
Major Emergency (8380)	1,107	618	891	932	113	116	119	122	4,018
Medium Overhead and Underground Services (8366)	44,253	8,561	6,762	7,213	8,322	8,519	8,732	8,950	101,312
Meter Additions (8054)	64,714	5,425	4,424	4,548	3,124	2,547	2,471	2,240	89,493
Meter Reading Software Replacement (9953)	301	1,008	384	0	0	0	0	0	1,693
Network Additions and Services - Denny (8405)	0	0	129	1,388	2,501	2,564	665	674	7,921
Network Additions and Services: Broad Street Substation (8363)	22,652	3,474	6,748	5,445	5,866	6,005	6,155	6,309	62,654
Network Additions and Svcs: First Hill, Mass, Union & Univer (8364)	23,586	3,517	2,219	2,293	2,543	2,603	2,668	2,735	42,164
Normal Emergency (8379)	2,916	641	883	923	589	603	618	634	7,807
Overhead Outage Replacements (8350)	3,111	226	196	318	245	208	231	279	4,814
Small Overhead and Underground Services (8367)	31,578	6,095	5,468	5,609	6,122	6,267	6,424	6,584	74,147
Underground Outage Replacements (8352)	14,684	784	1,372	1,518	1,437	1,475	1,513	1,550	24,333
<b>C4 Distribution - Service Connections</b>	217,212	36,416	32,987	33,956	62,735	61,359	61,929	37,731	544,325
<b>C5 Distribution - Distribution Other</b>						<b>BCL/Program Code:</b>		<b>SCL360-C5</b>	
Asset Management Program (9940)	774	514	35	0	0	0	0	0	1,323
Communications Improvements (9009)	9,609	791	1,548	1,335	1,183	1,445	1,050	1,018	17,979

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Distribution Area Communications Networks (9307)	12,127	2,214	2,710	1,518	1,102	1,139	1,061	1,347	23,218
Enterprise Geographic Information System (9957)	0	0	725	2,932	1,954	1,099	596	629	7,935
Federal and Regional Reliability Standards Compliance (9963)	0	0	783	0	0	0	0	0	783
Looped Radial Distribution System GIS Editor Replacement (9958)	0	930	521	206	0	0	0	0	1,657
Network Geographic Information Systems (9943)	359	1,675	1,112	347	175	0	0	0	3,668
Security Improvements (9202)	14,377	866	2,380	2,096	2,019	2,066	2,118	2,171	28,093
Special Work Equipment - Other Plant (9102)	22,331	1,635	1,139	1,200	1,139	1,088	948	971	30,451
Transformer and Network Load Management Tools Upgrade (9952)	0	616	554	314	0	0	0	0	1,484
Transmission & Generation Radio Systems (9108)	10,448	863	2,009	506	433	443	454	465	15,621
Work and Asset Management System (9941)	24,518	12,082	1,823	0	0	0	0	0	38,423
<b>C5 Distribution - Distribution Other</b>	<b>94,543</b>	<b>22,186</b>	<b>15,339</b>	<b>10,454</b>	<b>8,005</b>	<b>7,280</b>	<b>6,227</b>	<b>6,601</b>	<b>170,635</b>
<b>D1 External Projects - Local Jurisdictions</b>						<b>BCL/Program Code:</b>		<b>SCL370-D1</b>	
Burien Undergrounding - Phase 2 (8401)	695	5,609	603	0	0	0	0	0	6,907
Citywide Undergrounding Initiative - City Light (8403)	0	3,425	13	0	0	0	0	0	3,438
SeaTac Undergrounding (8444)	196	2,164	17	0	0	0	0	0	2,377
Shoreline Undergrounding: North City and Aurora Avenue North (8320)	23,278	5,839	5,810	856	0	0	0	0	35,783
Streetlight Infrastructure Replacement (8460)	0	0	1,995	2,995	3,065	3,137	3,216	3,296	17,704
Streetlight LED Conversion Program (8441)	7,297	5,718	4,515	5,019	5,135	5,257	5,388	5,523	43,852
Streetlights: Arterial, Residential and Floodlights (8378)	13,071	3,263	2,990	3,057	3,128	3,202	3,282	3,364	35,357
Transportation Streetlights (8377)	4,703	1,445	922	2,569	1,622	1,750	1,794	1,839	16,644
<b>D1 External Projects - Local Jurisdictions</b>	<b>49,240</b>	<b>27,463</b>	<b>16,865</b>	<b>14,496</b>	<b>12,950</b>	<b>13,346</b>	<b>13,680</b>	<b>14,022</b>	<b>162,062</b>

\*Amounts in thousands of dollars

## 2013 - 2018 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<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)	25,276	68,484	6,225	18,369	29,200	8,527	8,424	8,361	172,866
First Hill Connector Streetcar (8442)	108	3,062	213	45	0	0	0	0	3,428
Mercer Corridor Relocations (8376)	7,035	10,111	1,437	0	0	0	0	0	18,583
Mercer Corridor West Phase Relocations (8443)	155	2,740	545	5,325	0	0	0	0	8,765
Sound Transit Light Rail - City Light (8204)	47,370	29	6	172	0	0	0	0	47,577
Sound Transit Light Rail East Link - City Light (8450)	0	65	42	190	1,113	39	0	0	1,449
Sound Transit Northlink - City Light (8427)	84	263	3,174	2,900	535	1,820	0	0	8,776
Transportation Driven Relocations (8369)	10,063	2,650	2,657	3,614	3,536	2,517	2,499	2,793	30,329
<b>D2 External Projects - Transportation Relocations</b>	<b>90,091</b>	<b>87,404</b>	<b>14,299</b>	<b>30,615</b>	<b>34,384</b>	<b>12,903</b>	<b>10,923</b>	<b>11,154</b>	<b>291,773</b>
<b>D3 External Projects - Customer Other</b>					<b>BCL/Program Code:</b>			<b>SCL370-D3</b>	
Creston-Nelson to Intergate East Feeder Installation (8430)	0	6,627	10	0	0	0	0	0	6,637
Neighborhood Voluntary Undergrounding Program (8383)	269	497	37	38	39	40	69	71	1,060
<b>D3 External Projects - Customer Other</b>	<b>269</b>	<b>7,124</b>	<b>47</b>	<b>38</b>	<b>39</b>	<b>40</b>	<b>69</b>	<b>71</b>	<b>7,697</b>
<b>E1 Central Utility Projects - Customer and Billing</b>					<b>BCL/Program Code:</b>			<b>SCL370-E1</b>	
Customer Information System (9937)	0	0	16,362	4,004	956	0	0	0	21,322
<b>E1 Central Utility Projects - Customer and Billing</b>	<b>0</b>	<b>0</b>	<b>16,362</b>	<b>4,004</b>	<b>956</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,322</b>
<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	0	9,563	7,649	5,575	0	0	22,787
Enterprise Document Management System (9962)	0	0	533	386	704	612	623	132	2,990
Enterprise Performance Management (9933)	2,909	1,006	13	444	874	895	0	0	6,141
Information Technology Disaster Recovery (9964)	0	0	655	670	0	0	0	0	1,325

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Information Technology Infrastructure (9915)	39,685	4,565	3,063	3,190	3,431	3,761	4,031	3,867	65,593
Integrated Budget System (9955)	0	0	554	572	0	0	0	0	1,126
Inventory System Redevelopment (9959)	0	0	1,208	540	0	0	0	0	1,748
IT Security Upgrades (9960)	0	0	887	861	1,226	674	663	510	4,821
PC, Windows, Software Upgrades (9951)	1,367	4,696	1,666	0	0	0	0	0	7,729
Summit FinMap Upgrade - City Light (9961)	0	0	1,200	1,274	0	0	0	0	2,474
<b>E2 Central Utility Projects - Finance and IT Systems</b>	<b>43,961</b>	<b>10,267</b>	<b>9,779</b>	<b>17,500</b>	<b>13,884</b>	<b>11,517</b>	<b>5,317</b>	<b>4,509</b>	<b>116,734</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)	9	252	79	0	0	0	0	0	340
Bothell Substation - Water Tower Removal (7782)	47	740	192	0	0	0	0	0	979
Bothell Substation Environmental Remediation (9231)	0	0	678	1,495	0	0	0	0	2,173
Building Envelope Upgrades (9072)	6,127	122	3,193	2,252	1,698	1,492	1,489	1,506	17,879
Energy Conservation (9320)	1,366	0	254	270	403	391	416	441	3,541
Environmental Safeguarding and Remediation of Facilities (9152)	702	43	304	335	49	50	51	53	1,587
Facilities Infrastructure Improvements (9156)	1,578	152	545	566	383	392	402	412	4,430
Facilities Regulatory Compliance (9151)	18	34	382	335	157	160	164	168	1,418
Miscellaneous Building Improvements (9007)	13,831	0	2,075	2,559	1,158	1,185	1,215	1,245	23,268
North and South Service Center Improvements (9107)	25,524	206	1,438	1,449	468	268	277	285	29,915
North Service Center Interim Work (9220)	2,969	1,611	90	0	0	0	0	0	4,670
Office Furniture and Equipment Purchase (9103)	25,650	0	218	223	552	565	579	594	28,381
Pole Yard Relocation (9226)	0	1,517	273	0	0	0	0	0	1,790
Safety Modifications (9006)	3,484	229	1,396	567	1,329	1,361	1,395	1,430	11,191
Seismic Mitigation (9134)	4,567	0	57	58	32	33	34	35	4,816

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program



## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
South Service Center Spokane Exit Modification (9215)	2,916	8,001	196	0	0	0	0	0	11,113
Special Work Equipment - Shops (8389)	952	21	155	169	309	316	324	332	2,578
Substation Comprehensive Improvements (9161)	2,442	0	546	312	194	199	204	209	4,106
Technical Training Center Development (9230)	0	0	4,832	1,828	251	0	0	0	6,911
Vehicle Replacement (9101)	72,198	12,731	7,779	8,521	4,556	4,798	3,313	4,402	118,298
Workplace and Process Improvement (9159)	1,882	61	1,310	1,346	1,026	1,163	1,076	108	7,972
<b>E3 Central Utility Projects - Fleets and Facilities</b>	166,262	25,720	25,992	22,285	12,565	12,373	10,939	11,220	287,356
<b>Department Total*:</b>	1,244,148	409,729	282,734	299,221	381,322	356,353	292,287	273,490	3,539,284

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**



**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
City Light Fund (41000)	1,244,148	409,729	282,734	299,221	381,322	356,353	292,287	273,490	3,539,284
<b>Department Total*:</b>	1,244,148	409,729	282,734	299,221	381,322	356,353	292,287	273,490	3,539,284

*\*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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	29,190	27,689	29,544	4,703	91,126
<b>Total:</b>	0	0	0	0	29,190	27,689	29,544	4,703	91,126
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	29,190	27,689	29,544	4,703	91,126
<b>Total*:</b>	0	0	0	0	29,190	27,689	29,544	4,703	91,126
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	25,276	68,484	6,225	18,369	29,200	8,527	8,424	8,361	172,866
<b>Total:</b>	25,276	68,484	6,225	18,369	29,200	8,527	8,424	8,361	172,866
<b>Fund Appropriations/Allocations</b>									
City Light Fund	25,276	68,484	6,225	18,369	29,200	8,527	8,424	8,361	172,866
<b>Total*:</b>	25,276	68,484	6,225	18,369	29,200	8,527	8,424	8,361	172,866
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		32,780	27,882	26,247	29,949	10,133	8,424	8,361	143,776
<b>Total:</b>		32,780	27,882	26,247	29,949	10,133	8,424	8,361	143,776

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### 2013 - 2018 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 implements additional information technology tools to facilitate asset inventory, condition assessments, preventative maintenance record keeping, and the development of planning and design standards in support of the Asset Management Program. Project costs to implement the main software platform for asset management are contained in the Work and Asset Management System (9941) project.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	774	514	35	0	0	0	0	0	1,323
<b>Total:</b>	774	514	35	0	0	0	0	0	1,323
<b>Fund Appropriations/Allocations</b>									
City Light Fund	774	514	35	0	0	0	0	0	1,323
<b>Total*:</b>	774	514	35	0	0	0	0	0	1,323
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		44	46	0	0	0	0	0	90
<b>Total:</b>		44	46	0	0	0	0	0	90

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## 2013 - 2018 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 WAMS (Work and Asset Management System) and OMS (Outage Management System).

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	12	50	1,093	405	0	0	0	0	1,560
<b>Total:</b>	12	50	1,093	405	0	0	0	0	1,560
<b>Fund Appropriations/Allocations</b>									
City Light Fund	12	50	1,093	405	0	0	0	0	1,560
<b>Total*:</b>	12	50	1,093	405	0	0	0	0	1,560
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,153	1,713	405	0	0	0	0	3,271
<b>Total:</b>		1,153	1,713	405	0	0	0	0	3,271

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9	252	79	0	0	0	0	0	340
<b>Total:</b>	9	252	79	0	0	0	0	0	340
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9	252	79	0	0	0	0	0	340
<b>Total*:</b>	9	252	79	0	0	0	0	0	340
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		339	79	0	0	0	0	0	418
<b>Total:</b>		339	79	0	0	0	0	0	418

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**2013 - 2018 Proposed Capital Improvement Program**

# Seattle City Light

## Bothell 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>	Q1/2017
<b>Project ID:</b>	7812	<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>	

Asset Management has completed a condition assessment of Bothell substation's four autotransformers. These are 300MVA banks vital for power delivery, and the condition assessment shows that Bank 61 may need replacement in near future, followed by Bank 64. The spending plan reflects a tentative replacement schedule based on these priorities.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	2,963	3,144	6,107
<b>Total:</b>	0	0	0	0	0	0	2,963	3,144	6,107
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	2,963	3,144	6,107
<b>Total*:</b>	0	0	0	0	0	0	2,963	3,144	6,107
<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	323	3,078	3,401
<b>Total:</b>		0	0	0	0	0	323	3,078	3,401

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### 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## 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 disconnects the Bothell Substation water tower from the station's water/deluge system and dismantles the water tower. In the event of seismic activity, the water tower poses a potential safety risk to staff, equipment, systems and possibly members of the public.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	47	740	192	0	0	0	0	0	979
<b>Total:</b>	47	740	192	0	0	0	0	0	979
<b>Fund Appropriations/Allocations</b>									
City Light Fund	47	740	192	0	0	0	0	0	979
<b>Total*:</b>	47	740	192	0	0	0	0	0	979
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2	691	0	0	0	0	0	693
<b>Total:</b>		2	691	0	0	0	0	0	693

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

### 2013 - 2018 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>	Q1/2013
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	678	1,495	0	0	0	0	2,173
<b>Total:</b>	0	0	678	1,495	0	0	0	0	2,173
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	678	1,495	0	0	0	0	2,173
<b>Total*:</b>	0	0	678	1,495	0	0	0	0	2,173
<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.*

### 2013 - 2018 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 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 in September 2011. This project allows continued operation of Boundary Hydroelectric Project as continued use is conditional upon obtaining a new license.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4	519	16,222	12,365	24,826	35,107	13,857	23,888	126,788
<b>Total:</b>	4	519	16,222	12,365	24,826	35,107	13,857	23,888	126,788
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4	519	16,222	12,365	24,826	35,107	13,857	23,888	126,788
<b>Total*:</b>	4	519	16,222	12,365	24,826	35,107	13,857	23,888	126,788
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,802	16,222	12,365	24,826	35,107	13,857	23,888	131,067
<b>Total:</b>		4,802	16,222	12,365	24,826	35,107	13,857	23,888	131,067

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

### 2013 - 2018 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>	Q1/2014
<b>Project ID:</b>	6533	<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 provides funding to build a new Hydrogenerator unit (Unit 57) at Boundary Dam. Unit 57 will have its own powerhouse, intake, powertunnel, etc, on the right bank. The new unit will be used for (1) exclusive load balancing thus reducing the wear and tear on the existing units 51-56 allowing steady-state operation, (2) minimization of Total Dissolved Gas values in certain spill conditions and (3) for more power production instead of wasting water resources to spill.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	111	338	1,457	4,404	22,569	28,879
<b>Total:</b>	0	0	0	111	338	1,457	4,404	22,569	28,879
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	111	338	1,457	4,404	22,569	28,879
<b>Total*:</b>	0	0	0	111	338	1,457	4,404	22,569	28,879
<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	111	338	1,457	4,404	8,751	15,061
<b>Total:</b>		0	0	111	338	1,457	4,404	8,751	15,061

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

### 2013 - 2018 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 replaces emergency lighting, corrects failed cable and wiring, and installs emergency lighting where it is inadequate or nonexistent throughout the Boundary facility. This project enhances emergency lighting which is inadequate at various locations throughout the Boundary facility, and there are areas within the facility where wiring and cables may be damaged and require repair or replacement that may not have been done during the rehab.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	871	75	94	0	0	0	0	0	1,040
<b>Total:</b>	871	75	94	0	0	0	0	0	1,040
<b>Fund Appropriations/Allocations</b>									
City Light Fund	871	75	94	0	0	0	0	0	1,040
<b>Total*:</b>	871	75	94	0	0	0	0	0	1,040
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	94	0	0	0	0	0	94
<b>Total:</b>		0	94	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.*

### 2013 - 2018 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>	Q4/2015
<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>	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. This project enhances and permits a full interface with a new network-based control system. Full interface is required for long-term goal of complete plant automation.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,735	1,523	451	263	24	0	0	0	6,996
<b>Total:</b>	4,735	1,523	451	263	24	0	0	0	6,996
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,735	1,523	451	263	24	0	0	0	6,996
<b>Total*:</b>	4,735	1,523	451	263	24	0	0	0	6,996
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,226	451	263	24	0	0	0	2,964
<b>Total:</b>		2,226	451	263	24	0	0	0	2,964

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

### 2013 - 2018 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 rockfalls. The project also designs and fabricates two replacement outriggers and funds replacement of Unit 55 conductors damaged by several rockfall incidents. This project enhances safety as there will be lesser need to deploy anyone over the side of the cliff to repair damaged conductors. The project further enhances safety as the design provides a safe method for replacement of damaged conductors from within transformer bay and/or from above to avoid or minimize worker's exposure to rockfall hazard.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	713	15	27	0	0	0	0	0	755
<b>Total:</b>	713	15	27	0	0	0	0	0	755
<b>Fund Appropriations/Allocations</b>									
City Light Fund	713	15	27	0	0	0	0	0	755
<b>Total*:</b>	713	15	27	0	0	0	0	0	755
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		186	27	0	0	0	0	0	213
<b>Total:</b>		186	27	0	0	0	0	0	213

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

### 2013 - 2018 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 replaces the spillgate hoist houses to provide better weather protection, adequate lighting and prevent intrusion by animals. This project also designs and installs methods to contain oil spills from the hoisting equipment. This project enhances the reliability of a critical asset which is required to be operational by FERC for flood control, and it reduces maintenance needs and health issues.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	468	378	37	0	0	0	0	0	883
<b>Total:</b>	468	378	37	0	0	0	0	0	883
<b>Fund Appropriations/Allocations</b>									
City Light Fund	468	378	37	0	0	0	0	0	883
<b>Total*:</b>	468	378	37	0	0	0	0	0	883
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		392	37	0	0	0	0	0	429
<b>Total:</b>		392	37	0	0	0	0	0	429

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

### 2013 - 2018 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. This project reduces the difficulty of and time required for maintenance.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	158	0	0	0	0	0	158
<b>Total:</b>	0	0	158	0	0	0	0	0	158
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	158	0	0	0	0	0	158
<b>Total*:</b>	0	0	158	0	0	0	0	0	158
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Dam - Units 51-56 Penstock Flow Monitoring

<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>	Q1/2014
<b>Project ID:</b>	6383	<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 installs a permanent means of monitoring water flow in the turbines, either by installing acoustic flow meters or by providing accurate calibration and appropriate instrumentation to support the use of the existing differential pressure monitoring method. This project provides accurate means for real-time monitoring of flow through the turbines which provides information for the System Control Center and diagnosing operational problems. It also provides information to determine changes in turbine performance over time to help develop maintenance and replacement plans, as well as monitor plant flow, estimate tailrace elevations, and aid the monitoring of total dissolved gas.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	521	0	0	0	0	521
<b>Total:</b>	0	0	0	521	0	0	0	0	521
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	521	0	0	0	0	521
<b>Total*:</b>	0	0	0	521	0	0	0	0	521
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q4/2013
<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 electrical upgrades at the Boundary site to increase system redundancy, reduce electrical hazards, comply with the National Electric Code, and integrate systems with the recent Station Service replacement. This project provides system redundancy, reduces electrical hazards, permits compliance with National Electric Code, and better integrates with the recent Station Service replacement.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,267	196	225	0	0	0	0	0	1,688
<b>Total:</b>	1,267	196	225	0	0	0	0	0	1,688
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,267	196	225	0	0	0	0	0	1,688
<b>Total*:</b>	1,267	196	225	0	0	0	0	0	1,688
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		21	225	0	0	0	0	0	246
<b>Total:</b>		21	225	0	0	0	0	0	246

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

**2013 - 2018 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>	Q4/2018
<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 provides financing for unforeseeable, unscheduled capital work. This project covers work specifically related to Boundary Facilities. This project provides financial coverage for emergent capital projects which are, by definition, unpredictable, and which are 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 Boundary Facility that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects for the 2014-2018 CIP.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9,914	1,663	2,458	2,280	9,273	18,084	17,792	6,528	67,992
<b>Total:</b>	9,914	1,663	2,458	2,280	9,273	18,084	17,792	6,528	67,992
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,914	1,663	2,458	2,280	9,273	18,084	17,792	6,528	67,992
<b>Total*:</b>	9,914	1,663	2,458	2,280	9,273	18,084	17,792	6,528	67,992
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,364	2,458	2,280	9,273	18,084	17,792	6,528	58,779
<b>Total:</b>		2,364	2,458	2,280	9,273	18,084	17,792	6,528	58,779

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

### 2013 - 2018 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>	Q4/2016
<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 constructs an intermediate switchyard at Boundary, install new cables routed through tunnels to the surface from the Boundary Dam transformers to the switchyard, and construct a transmission line from the switchyard to the BPA Switching Station. This project mitigates the likelihood of a rockfall 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 could result in extended outages, personal injury, and death.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	502	3,078	1,265	1,702	18,537	182	0	0	25,266
<b>Total:</b>	502	3,078	1,265	1,702	18,537	182	0	0	25,266
<b>Fund Appropriations/Allocations</b>									
City Light Fund	502	3,078	1,265	1,702	18,537	182	0	0	25,266
<b>Total*:</b>	502	3,078	1,265	1,702	18,537	182	0	0	25,266
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		17	1,265	1,702	9,972	8,748	0	0	21,704
<b>Total:</b>		17	1,265	1,702	9,972	8,748	0	0	21,704

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

### 2013 - 2018 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>	Q4/2019
<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 rewinds and refurbishes the Unit 51 generator, and is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. The project also replaces the carbon dioxide fire-suppression system with a water sprinkler system, and may include a rotor-mounted scanner or other diagnostic equipment as part of the rebuild.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	6,819	6,819
<b>Total:</b>	0	0	0	0	0	0	0	6,819	6,819
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	6,819	6,819
<b>Total*:</b>	0	0	0	0	0	0	0	6,819	6,819
<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	486	486
<b>Total:</b>		0	0	0	0	0	0	486	486

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

### 2013 - 2018 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>	Q1/2016
<b>Project ID:</b>	6352	<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 53 generator, and is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. The project also replaces the carbon dioxide fire-suppression system with a water sprinkler system, and may include a rotor-mounted scanner or other diagnostic equipment as part of the rebuild.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	93	0	0	0	125	6,586	1,110	7,914
<b>Total:</b>	0	93	0	0	0	125	6,586	1,110	7,914
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	93	0	0	0	125	6,586	1,110	7,914
<b>Total*:</b>	0	93	0	0	0	125	6,586	1,110	7,914
<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	125	407	7,289	7,821
<b>Total:</b>		0	0	0	0	125	407	7,289	7,821

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

### 2013 - 2018 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>	Q4/2017
<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 rewinds and refurbishes the Unit 54 generator, and is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. The project also replaces the carbon dioxide fire-suppression system with a water sprinkler system, and may include a rotor-mounted scanner or other diagnostic equipment as part of the rebuild.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	6,487	1,139	0	7,626
<b>Total:</b>	0	0	0	0	0	6,487	1,139	0	7,626
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	6,487	1,139	0	7,626
<b>Total*:</b>	0	0	0	0	0	6,487	1,139	0	7,626
<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	459	7,167	0	7,626
<b>Total:</b>		0	0	0	0	459	7,167	0	7,626

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

### 2013 - 2018 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>	Q4/2013
<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 rewinds and refurbishes the Unit 55 generator, and is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. The project also replaces the carbon dioxide fire-suppression system with a water sprinkler system, and may include a rotor-mounted scanner or other diagnostic equipment as part of the rebuild.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,917	18,863	2,756	0	0	0	0	0	24,536
<b>Total:</b>	2,917	18,863	2,756	0	0	0	0	0	24,536
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,917	18,863	2,756	0	0	0	0	0	24,536
<b>Total*:</b>	2,917	18,863	2,756	0	0	0	0	0	24,536
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		7,468	13,166	0	0	0	0	0	20,634
<b>Total:</b>		7,468	13,166	0	0	0	0	0	20,634

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

### 2013 - 2018 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. The project enhances Unit efficiency.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,084	6,139	1,430	267	69	0	0	0	12,989
<b>Total:</b>	5,084	6,139	1,430	267	69	0	0	0	12,989
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,084	6,139	1,430	267	69	0	0	0	12,989
<b>Total*:</b>	5,084	6,139	1,430	267	69	0	0	0	12,989
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,880	4,157	267	69	0	0	0	10,373
<b>Total:</b>		5,880	4,157	267	69	0	0	0	10,373

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

### 2013 - 2018 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>	Q1/2011
<b>Project ID:</b>	6354	<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>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project rewinds and refurbishes the Unit 56 generator, and is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. The project also replaces the carbon dioxide fire-suppression system with a water sprinkler system, and may include a rotor-mounted scanner or other diagnostic equipment as part of the rebuild.

		<b>LTD</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
		<b>Actuals</b>	<b>Rev</b>							
<b>Revenue Sources</b>										
City Light Fund Revenues		740	13,448	2,216	875	689	0	0	0	17,968
<b>Total:</b>		740	13,448	2,216	875	689	0	0	0	17,968
<b>Fund Appropriations/Allocations</b>										
City Light Fund		740	13,448	2,216	875	689	0	0	0	17,968
<b>Total*:</b>		740	13,448	2,216	875	689	0	0	0	17,968
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund			81	8,216	8,073	689	0	0	0	17,059
<b>Total:</b>			81	8,216	8,073	689	0	0	0	17,059

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

### 2013 - 2018 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>	Q1/2011
<b>Project ID:</b>	6490	<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>	Outside Seattle City	<b>Urban Village:</b>	Outside Seattle City

This project replaces the Boundary Unit 56 turbine runner. The project enhances Unit efficiency.

		LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		0	8,472	3,940	1,161	284	57	0	0	13,914
<b>Total:</b>		0	8,472	3,940	1,161	284	57	0	0	13,914
<b>Fund Appropriations/Allocations</b>										
City Light Fund		0	8,472	3,940	1,161	284	57	0	0	13,914
<b>Total*:</b>		0	8,472	3,940	1,161	284	57	0	0	13,914
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund			8,925	3,940	1,161	284	57	0	0	14,367
<b>Total:</b>			8,925	3,940	1,161	284	57	0	0	14,367

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

### 2013 - 2018 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>	Q4/2013
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		0	0	2,117	0	0	0	0	0	2,117
<b>Total:</b>		0	0	2,117	0	0	0	0	0	2,117
<b>Fund Appropriations/Allocations</b>										
City Light Fund		0	0	2,117	0	0	0	0	0	2,117
<b>Total*:</b>		0	0	2,117	0	0	0	0	0	2,117
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund			3,112	2,117	0	0	0	0	0	5,229
<b>Total:</b>			3,112	2,117	0	0	0	0	0	5,229

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

### 2013 - 2018 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>	Q1/2010
<b>Project ID:</b>	6493	<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 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. The project enhances long term reliability, and allows City Light to avoid a prolonged loss of generation capacity as the normal delivery time for transformers is 18 to 24 months.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	48	3,112	3,827	6,032	3,162	3,965	4,063	4,164	28,373
<b>Total:</b>	48	3,112	3,827	6,032	3,162	3,965	4,063	4,164	28,373
<b>Fund Appropriations/Allocations</b>									
City Light Fund	48	3,112	3,827	6,032	3,162	3,965	4,063	4,164	28,373
<b>Total*:</b>	48	3,112	3,827	6,032	3,162	3,965	4,063	4,164	28,373
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		903	760	9,099	3,162	3,965	4,063	4,164	26,116
<b>Total:</b>		903	760	9,099	3,162	3,965	4,063	4,164	26,116

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### 2013 - 2018 Proposed Capital Improvement Program



# Seattle City Light

## 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>	Q4/2019
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	56,762	1,817	4,377	6,800	7,013	7,179	2,081	2,133	88,162
<b>Total:</b>	56,762	1,817	4,377	6,800	7,013	7,179	2,081	2,133	88,162
<b>Fund Appropriations/Allocations</b>									
City Light Fund	56,762	1,817	4,377	6,800	7,013	7,179	2,081	2,133	88,162
<b>Total*:</b>	56,762	1,817	4,377	6,800	7,013	7,179	2,081	2,133	88,162
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,857	4,377	6,800	7,013	7,179	2,081	2,133	31,440
<b>Total:</b>		1,857	4,377	6,800	7,013	7,179	2,081	2,133	31,440

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### 2013 - 2018 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>	Q4/2018
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,127	122	3,193	2,252	1,698	1,492	1,489	1,506	17,879
<b>Total:</b>	6,127	122	3,193	2,252	1,698	1,492	1,489	1,506	17,879
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,127	122	3,193	2,252	1,698	1,492	1,489	1,506	17,879
<b>Total*:</b>	6,127	122	3,193	2,252	1,698	1,492	1,489	1,506	17,879
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		749	3,193	2,252	1,698	1,492	1,489	1,506	12,379
<b>Total:</b>		749	3,193	2,252	1,698	1,492	1,489	1,506	12,379

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## 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	695	5,609	603	0	0	0	0	0	6,907
<b>Total:</b>	695	5,609	603	0	0	0	0	0	6,907
<b>Fund Appropriations/Allocations</b>									
City Light Fund	695	5,609	603	0	0	0	0	0	6,907
<b>Total*:</b>	695	5,609	603	0	0	0	0	0	6,907
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		10,834	603	0	0	0	0	0	11,437
<b>Total:</b>		10,834	603	0	0	0	0	0	11,437

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

### 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## Canal 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>	Q1/2015
<b>Project ID:</b>	7778	<b>End Date:</b>	Q4/2019
<b>Location:</b>	614 NW 45th Street		
<b>Neighborhood Plan:</b>	Fremont	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Ballard Interbay

This project funds the review of two power transformers at Canal 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	2,384	2,537	1,079	1,003	7,003
<b>Total:</b>	0	0	0	0	2,384	2,537	1,079	1,003	7,003
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	2,384	2,537	1,079	1,003	7,003
<b>Total*:</b>	0	0	0	0	2,384	2,537	1,079	1,003	7,003
<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	403	2,491	3,107	1,003	7,004
<b>Total:</b>		0	0	0	403	2,491	3,107	1,003	7,004

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

### 2013 - 2018 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>	Q4/2014
<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 flow sensing devices at the Masonry Dam. The flow sensing devices are in need of replacement due to age and configuration.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	160	0	0	0	0	160
<b>Total:</b>	0	0	0	160	0	0	0	0	160
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	160	0	0	0	0	160
<b>Total*:</b>	0	0	0	160	0	0	0	0	160
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

**Cedar Falls - New Generator 5/6 Exciters**

<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>	6531	<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 the aging generator excitation system at Cedar Falls. The generator excitation systems for Generators 5 & 6 at Cedar Falls do not meet current WECC standards and need to be replaced.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	269	64	0	0	0	333
<b>Total:</b>	0	0	0	269	64	0	0	0	333
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	269	64	0	0	0	333
<b>Total*:</b>	0	0	0	269	64	0	0	0	333
<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.*

**2013 - 2018 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>	Q4/2017
<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. This project reduces risks of damage from earthquakes. It 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,911	397	132	443	658	71	2,925	97	6,634
<b>Total:</b>	1,911	397	132	443	658	71	2,925	97	6,634
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,911	397	132	443	658	71	2,925	97	6,634
<b>Total*:</b>	1,911	397	132	443	658	71	2,925	97	6,634
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		35	132	443	658	71	2,089	933	4,361
<b>Total:</b>		35	132	443	658	71	2,089	933	4,361

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

### 2013 - 2018 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>	Q4/2014
<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 replaces existing protective relays for generators 5 and 6. Along with upgrading the generator protection packages, this project replaces the electrical and mechanical lockout relays. This project upgrades the present generator protection, which lacks some basic protection elements, to protect it from abnormal frequency and voltages. The project permits SCL 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,004	659	471	67	0	0	0	0	2,201
<b>Total:</b>	1,004	659	471	67	0	0	0	0	2,201
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,004	659	471	67	0	0	0	0	2,201
<b>Total*:</b>	1,004	659	471	67	0	0	0	0	2,201
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	471	67	0	0	0	0	538
<b>Total:</b>		0	471	67	0	0	0	0	538

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

### 2013 - 2018 Proposed Capital Improvement Program



# Seattle City Light

## Cedar Falls Powerhouse - Valvehouse 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>	Q1/2015
<b>Project ID:</b>	6324	<b>End Date:</b>	Q4/2015
<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 rehabilitates the Cedar Falls Valvehouse. The exact extent of rehabilitation needed has not been determined, but the project may include replacement of exterior windows, exterior structural improvements, oil spill prevention, and interior remodeling. Rehabilitation ensures that the hoist machinery in the valvehouse (involved with raising and lowering the intake gate) is adequately protected from weather and intrusion.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	389	0	0	0	389
<b>Total:</b>	0	0	0	0	389	0	0	0	389
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	389	0	0	0	389
<b>Total*:</b>	0	0	0	0	389	0	0	0	389
<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.*

### 2013 - 2018 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>	Q4/2019
<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 provides financing for unforeseeable, unscheduled capital work 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. This project provides financial coverage for emergent capital projects which are, by definition, unpredictable, and which are 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/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 2014-2018 CIP.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,957	1,051	805	847	2,567	1,573	1,610	1,654	15,064
<b>Total:</b>	4,957	1,051	805	847	2,567	1,573	1,610	1,654	15,064
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,957	1,051	805	847	2,567	1,573	1,610	1,654	15,064
<b>Total*:</b>	4,957	1,051	805	847	2,567	1,573	1,610	1,654	15,064
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		416	805	847	2,567	1,573	1,610	1,654	9,472
<b>Total:</b>		416	805	847	2,567	1,573	1,610	1,654	9,472

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### 2013 - 2018 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>	Q4/2013
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		0	3,425	13	0	0	0	0	0	3,438
<b>Total:</b>		0	3,425	13	0	0	0	0	0	3,438
<b>Fund Appropriations/Allocations</b>										
City Light Fund		0	3,425	13	0	0	0	0	0	3,438
<b>Total*:</b>		0	3,425	13	0	0	0	0	0	3,438
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund			0	659	0	0	0	0	0	659
<b>Total:</b>			0	659	0	0	0	0	0	659

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

### 2013 - 2018 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>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,609	791	1,548	1,335	1,183	1,445	1,050	1,018	17,979
<b>Total:</b>	9,609	791	1,548	1,335	1,183	1,445	1,050	1,018	17,979
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,609	791	1,548	1,335	1,183	1,445	1,050	1,018	17,979
<b>Total*:</b>	9,609	791	1,548	1,335	1,183	1,445	1,050	1,018	17,979
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,659	1,548	1,335	1,183	1,445	1,050	1,018	9,238
<b>Total:</b>		1,659	1,548	1,335	1,183	1,445	1,050	1,018	9,238

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

### **2013 - 2018 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>	Q4/2013
<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

This project installs a new feeder to supply the Sabey Corporation's Intergate East Internet Center in Tukwila from the Creston-Nelson Substation. This project includes design, permit preparation and evaluates customer load requirements. The project increases system capacity and customer satisfaction.

		LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		0	6,627	10	0	0	0	0	0	6,637
<b>Total:</b>		0	6,627	10	0	0	0	0	0	6,637
<b>Fund Appropriations/Allocations</b>										
City Light Fund		0	6,627	10	0	0	0	0	0	6,637
<b>Total*:</b>		0	6,627	10	0	0	0	0	0	6,637
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund			2,963	10	0	0	0	0	0	2,973
<b>Total:</b>			2,963	10	0	0	0	0	0	2,973

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### 2013 - 2018 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>	New Facility	<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, which is no longer supported by the vendor, with a 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. However, the existing system does not support the current business model and direction of the City of Seattle's utilities. The project preserves and enhances the City's ability to deliver these critical functions.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	16,362	4,004	956	0	0	0	21,322
<b>Total:</b>	0	0	16,362	4,004	956	0	0	0	21,322
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	16,362	4,004	956	0	0	0	21,322
<b>Total*:</b>	0	0	16,362	4,004	956	0	0	0	21,322
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	11,720	8,100	1,501	0	0	0	21,321
<b>Total:</b>		0	11,720	8,100	1,501	0	0	0	21,321

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### 2013 - 2018 Proposed Capital Improvement Program

**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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	870	927	0	0	0	0	1,797
<b>Total:</b>	0	0	870	927	0	0	0	0	1,797
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	870	927	0	0	0	0	1,797
<b>Total*:</b>	0	0	870	927	0	0	0	0	1,797
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2013 - 2018 Proposed Capital Improvement Program**

**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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	413	0	43	144	122	130	0	0	852
<b>Total:</b>	413	0	43	144	122	130	0	0	852
<b>Fund Appropriations/Allocations</b>									
City Light Fund	413	0	43	144	122	130	0	0	852
<b>Total*:</b>	413	0	43	144	122	130	0	0	852
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		23	43	144	122	130	0	0	462
<b>Total:</b>		23	43	144	122	130	0	0	462

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**Seattle City Light**

**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>	Q4/2018
<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 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 (Network Services and Additions - Denny).

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	143	0	2,501	4,921	12,876	23,928	8,894	4,615	57,878
<b>Total:</b>	143	0	2,501	4,921	12,876	23,928	8,894	4,615	57,878
<b>Fund Appropriations/Allocations</b>									
City Light Fund	143	0	2,501	4,921	12,876	23,928	8,894	4,615	57,878
<b>Total*:</b>	143	0	2,501	4,921	12,876	23,928	8,894	4,615	57,878
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		19	2,501	4,921	12,876	23,928	8,894	4,615	57,754
<b>Total:</b>		19	2,501	4,921	12,876	23,928	8,894	4,615	57,754

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**2013 - 2018 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, and environmental management and remediation of the 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	40,011	17,381	2,039	15,760	26,520	8,598	942	0	111,251
<b>Total:</b>	40,011	17,381	2,039	15,760	26,520	8,598	942	0	111,251
<b>Fund Appropriations/Allocations</b>									
City Light Fund	40,011	17,381	2,039	15,760	26,520	8,598	942	0	111,251
<b>Total*:</b>	40,011	17,381	2,039	15,760	26,520	8,598	942	0	111,251
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		13,176	5,239	17,444	26,520	8,598	942	0	71,919
<b>Total:</b>		13,176	5,239	17,444	26,520	8,598	942	0	71,919

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### 2013 - 2018 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 may come from the Canal and Massachusetts substations. This project also provides for undergrounding the transmission lines.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	940	121	560	1,343	9,052	12,592	12,944	37,552
<b>Total:</b>	0	940	121	560	1,343	9,052	12,592	12,944	37,552
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	940	121	560	1,343	9,052	12,592	12,944	37,552
<b>Total*:</b>	0	940	121	560	1,343	9,052	12,592	12,944	37,552
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,054	121	560	1,343	5,750	3,009	8,697	20,534
<b>Total:</b>		1,054	121	560	1,343	5,750	3,009	8,697	20,534

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

### 2013 - 2018 Proposed Capital Improvement Program

**Diablo Camp - 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>	Q1/2013
<b>Project ID:</b>	6232	<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 or repairs numerous sewer pipe breaks, leaks, and sags in the combined Diablo 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 soil contamination. This project is contingent on forthcoming recommendations regarding the Skagit Housing Plan. If a decision is made to abandon the housing in that area, the sewage system will be abandoned and removed, thus rendering this project unnecessary.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	66	0	264	2,632	0	0	0	0	2,962
<b>Total:</b>	66	0	264	2,632	0	0	0	0	2,962
<b>Fund Appropriations/Allocations</b>									
City Light Fund	66	0	264	2,632	0	0	0	0	2,962
<b>Total*:</b>	66	0	264	2,632	0	0	0	0	2,962
<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.*

**2013 - 2018 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>	Q4/2013
<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 D1, D2, & D3 Lines (Diablo End) 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,596	318	58	0	0	0	0	0	1,972
<b>Total:</b>	1,596	318	58	0	0	0	0	0	1,972
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,596	318	58	0	0	0	0	0	1,972
<b>Total*:</b>	1,596	318	58	0	0	0	0	0	1,972
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,349	58	0	0	0	0	0	1,407
<b>Total:</b>		1,349	58	0	0	0	0	0	1,407

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,142	1,283	0	0	0	0	0	0	3,425
<b>Total:</b>	2,142	1,283	0	0	0	0	0	0	3,425
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,142	1,283	0	0	0	0	0	0	3,425
<b>Total*:</b>	2,142	1,283	0	0	0	0	0	0	3,425
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	543	139	219	0	0	0	901
<b>Total:</b>		0	543	139	219	0	0	0	901

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

**2013 - 2018 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>	Q4/2013
<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/work building for spare materials at the Diablo location. This building will provide adequate storage space for Diablo rebuilds.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	103	745	973	0	0	0	0	0	1,821
<b>Total:</b>	103	745	973	0	0	0	0	0	1,821
<b>Fund Appropriations/Allocations</b>									
City Light Fund	103	745	973	0	0	0	0	0	1,821
<b>Total*:</b>	103	745	973	0	0	0	0	0	1,821
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		235	973	0	0	0	0	0	1,208
<b>Total:</b>		235	973	0	0	0	0	0	1,208

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

**2013 - 2018 Proposed Capital Improvement Program**

**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>	Q1/2013
<b>Project ID:</b>	6532	<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 replaces load interrupters at Diablo Banks 31 and 32. The existing 230kV load interrupters have reached the end of their useful life and need to be replaced.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	3,292	89	0	0	0	0	3,381
<b>Total:</b>	0	0	3,292	89	0	0	0	0	3,381
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	3,292	89	0	0	0	0	3,381
<b>Total*:</b>	0	0	3,292	89	0	0	0	0	3,381
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	1,002	2,379	0	0	0	0	3,381
<b>Total:</b>		0	1,002	2,379	0	0	0	0	3,381

*\*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

## Diablo 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>	Q1/2014
<b>Project ID:</b>	6363	<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 aging control and power cables in the Diablo Powerhouse with new, more reliable cables. The project reduces troubleshooting time spent tracing ground faults, eases installation of future circuits and equipment, and makes maintenance more efficient on generators.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	388	402	0	0	0	790
<b>Total:</b>	0	0	0	388	402	0	0	0	790
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	388	402	0	0	0	790
<b>Total*:</b>	0	0	0	388	402	0	0	0	790
<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.*

### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	161	58	0	0	0	0	0	219
<b>Total:</b>	0	161	58	0	0	0	0	0	219
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	161	58	0	0	0	0	0	219
<b>Total*:</b>	0	161	58	0	0	0	0	0	219
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		105	58	0	0	0	0	0	163
<b>Total:</b>		105	58	0	0	0	0	0	163

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

### 2013 - 2018 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 out-of-date AC/DC Emergency lighting systems at Diablo Powerhouse and replaces Powerhouse Hall AC lighting system. This project enhances overall lighting and lighting energy efficiency.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	250	22	0	0	0	0	272
<b>Total:</b>	0	0	250	22	0	0	0	0	272
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	250	22	0	0	0	0	272
<b>Total*:</b>	0	0	250	22	0	0	0	0	272
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q1/2012
<b>Project ID:</b>	6422	<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 rewinds and refurbishes the Unit 31 generator. This project is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	485	10,526	2,852	1,227	69	0	15,159
<b>Total:</b>	0	0	485	10,526	2,852	1,227	69	0	15,159
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	485	10,526	2,852	1,227	69	0	15,159
<b>Total*:</b>	0	0	485	10,526	2,852	1,227	69	0	15,159
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		488	485	1,109	7,037	6,459	69	0	15,647
<b>Total:</b>		488	485	1,109	7,037	6,459	69	0	15,647

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

### 2013 - 2018 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>	Q1/2015
<b>Project ID:</b>	6423	<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 rewinds and refurbishes the Unit 32 generator. This project is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	7,120	1,134	0	0	8,254
<b>Total:</b>	0	0	0	0	7,120	1,134	0	0	8,254
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	7,120	1,134	0	0	8,254
<b>Total*:</b>	0	0	0	0	7,120	1,134	0	0	8,254
<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	2,248	6,006	0	0	8,254
<b>Total:</b>		0	0	0	2,248	6,006	0	0	8,254

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

## 2013 - 2018 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 replaces the existing breaker control switches with electrically operated control switch relays, and retrofits three line disconnect switches with motor operators. The project provides remote control operations, by the SCC operators in Seattle, of the switchyard breakers and the three Bothell line disconnect switches. This remote control operation enhances operational uses of the Ross units which eliminates lost revenues.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	29	0	116	130	0	0	0	0	275
<b>Total:</b>	29	0	116	130	0	0	0	0	275
<b>Fund Appropriations/Allocations</b>									
City Light Fund	29	0	116	130	0	0	0	0	275
<b>Total*:</b>	29	0	116	130	0	0	0	0	275
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2013 - 2018 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>	Q4/2018
<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 installs fiber cable and equipment to all City Light dams, substations and service centers to create a secure, reliable, fast and redundant digital communications system for operations command and control. The fiber infrastructure provides a secure path for power distribution system control and dispatch, Energy Management System data, and other City Light communications. This project also supports Substation Automation, Distribution Automation, Distributed Generation, and automated meter reading projects.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	12,127	2,214	2,710	1,518	1,102	1,139	1,061	1,347	23,218
<b>Total:</b>	12,127	2,214	2,710	1,518	1,102	1,139	1,061	1,347	23,218
<b>Fund Appropriations/Allocations</b>									
City Light Fund	12,127	2,214	2,710	1,518	1,102	1,139	1,061	1,347	23,218
<b>Total*:</b>	12,127	2,214	2,710	1,518	1,102	1,139	1,061	1,347	23,218
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,379	2,710	1,518	1,102	1,139	1,061	1,347	10,256
<b>Total:</b>		1,379	2,710	1,518	1,102	1,139	1,061	1,347	10,256

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## 2013 - 2018 Proposed Capital Improvement Program

**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>	Q4/2016
<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 automates radial distribution feeders. Four feeders will be automated each year from 2014 to 2016. 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. This project 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. Experience in this project will allow development of standards for line switching equipment. Typical operation will involve remotely detecting that a feeder fault has occurred, locating the damaged portion of the feeder between two remote controlled line switches, isolating the damaged portion of the feeder by opening appropriate remote controlled line switches, and re-energizing undamaged portions of the feeder via the primary feeder source and one or more backup sources using automatically controlled tie switches.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	313	2,136	2,186	2,238	0	0	6,873
<b>Total:</b>	0	0	313	2,136	2,186	2,238	0	0	6,873
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	313	2,136	2,186	2,238	0	0	6,873
<b>Total*:</b>	0	0	313	2,136	2,186	2,238	0	0	6,873
<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.*

**2013 - 2018 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 project protects and restores fisheries habitat in the Skagit and Tolt 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. This project reduces the likelihood of third party lawsuits under ESA and the reopening by Federal agencies, e.g. the U.S. Fish and Wildlife Service, seeking additional measures to protect and restore the listed species.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	10,364	2,011	1,097	1,162	1,231	1,304	1,381	1,462	20,012
<b>Total:</b>	10,364	2,011	1,097	1,162	1,231	1,304	1,381	1,462	20,012
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,364	2,011	1,097	1,162	1,231	1,304	1,381	1,462	20,012
<b>Total*:</b>	10,364	2,011	1,097	1,162	1,231	1,304	1,381	1,462	20,012
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		999	1,097	1,162	1,231	1,304	1,381	1,462	8,636
<b>Total:</b>		999	1,097	1,162	1,231	1,304	1,381	1,462	8,636

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

**2013 - 2018 Proposed Capital Improvement Program**

# Seattle City Light

## 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>	Q4/2018
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,366	0	254	270	403	391	416	441	3,541
<b>Total:</b>	1,366	0	254	270	403	391	416	441	3,541
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,366	0	254	270	403	391	416	441	3,541
<b>Total*:</b>	1,366	0	254	270	403	391	416	441	3,541
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		16	254	270	403	391	416	441	2,191
<b>Total:</b>		16	254	270	403	391	416	441	2,191

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

### 2013 - 2018 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). The project 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 no single point of failure and quality assurance testing on a dedicated quality assurance system.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	9,563	7,649	5,575	0	0	22,787
<b>Total:</b>	0	0	0	9,563	7,649	5,575	0	0	22,787
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	9,563	7,649	5,575	0	0	22,787
<b>Total*:</b>	0	0	0	9,563	7,649	5,575	0	0	22,787
<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.*

### 2013 - 2018 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,798	700	0	0	0	0	0	0	2,498
<b>Total:</b>	1,798	700	0	0	0	0	0	0	2,498
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,798	700	0	0	0	0	0	0	2,498
<b>Total*:</b>	1,798	700	0	0	0	0	0	0	2,498
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		865	0	0	0	0	0	0	865
<b>Total:</b>		865	0	0	0	0	0	0	865

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

### 2013 - 2018 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:** New Facility **Start Date:** Q1/2013  
**Project ID:** 9962 **End Date:** Q4/2018  
**Location:**  
**Neighborhood Plan:** Not in Neighborhood Plan **Neighborhood Plan Matrix:**  
**Neighborhood District:** **Urban Village:**

This project plans, builds, deploys, and provides on-going 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	533	386	704	612	623	132	2,990
<b>Total:</b>	0	0	533	386	704	612	623	132	2,990
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	533	386	704	612	623	132	2,990
<b>Total*:</b>	0	0	533	386	704	612	623	132	2,990
<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.*

**2013 - 2018 Proposed Capital Improvement Program**

# Seattle City Light

## 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	725	2,932	1,954	1,099	596	629	7,935
<b>Total:</b>	0	0	725	2,932	1,954	1,099	596	629	7,935
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	725	2,932	1,954	1,099	596	629	7,935
<b>Total*:</b>	0	0	725	2,932	1,954	1,099	596	629	7,935
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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 tools to track performance metrics, align the Department's organizational strategy with departmental goals, and provide a single comprehensive system for measuring the Utility's financial and corporate health.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,909	1,006	13	444	874	895	0	0	6,141
<b>Total:</b>	2,909	1,006	13	444	874	895	0	0	6,141
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,909	1,006	13	444	874	895	0	0	6,141
<b>Total*:</b>	2,909	1,006	13	444	874	895	0	0	6,141
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		305	575	588	874	895	0	0	3,237
<b>Total:</b>		305	575	588	874	895	0	0	3,237

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

### 2013 - 2018 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 project funds improvements to prevent air and water pollution at City Light facilities. This 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. The project reduces the likelihood of statutory fines for mishandling or releasing hazardous and dangerous materials which can reach tens of thousands of dollars per day and civil liability claims for damages stemming from a release or spill, which can reach into the millions.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	702	43	304	335	49	50	51	53	1,587
<b>Total:</b>	702	43	304	335	49	50	51	53	1,587
<b>Fund Appropriations/Allocations</b>									
City Light Fund	702	43	304	335	49	50	51	53	1,587
<b>Total*:</b>	702	43	304	335	49	50	51	53	1,587
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		45	304	335	49	50	51	53	887
<b>Total:</b>		45	304	335	49	50	51	53	887

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

### 2013 - 2018 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 project upgrades and replaces the structural, electrical or mechanical systems or other "base building systems" critical to building operations and site development. 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,578	152	545	566	383	392	402	412	4,430
<b>Total:</b>	1,578	152	545	566	383	392	402	412	4,430
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,578	152	545	566	383	392	402	412	4,430
<b>Total*:</b>	1,578	152	545	566	383	392	402	412	4,430
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		54	545	566	383	392	402	412	2,754
<b>Total:</b>		54	545	566	383	392	402	412	2,754

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### 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## 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 project provides for facilities modifications in accordance with the Americans with Disabilities Act (ADA) and other legal mandates. Exaples of other projects include air conditioning and refrigerant retrofits; and hazardous material abatement and containment.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	18	34	382	335	157	160	164	168	1,418
<b>Total:</b>	18	34	382	335	157	160	164	168	1,418
<b>Fund Appropriations/Allocations</b>									
City Light Fund	18	34	382	335	157	160	164	168	1,418
<b>Total*:</b>	18	34	382	335	157	160	164	168	1,418
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q4/2013
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	783	0	0	0	0	0	783
<b>Total:</b>	0	0	783	0	0	0	0	0	783
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	783	0	0	0	0	0	783
<b>Total*:</b>	0	0	783	0	0	0	0	0	783
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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 feeder balancing, engineering analysis to determine system feeder assignments for new services, and replacement of cables that fail while in service. This project increases electrical capacity and reliability for First Hill customers in response to increased customer demand. It reduces the probability of cable failures and long costly customer outages.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9,370	1,391	1,473	1,382	2,606	2,668	2,734	1,639	23,263
<b>Total:</b>	9,370	1,391	1,473	1,382	2,606	2,668	2,734	1,639	23,263
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,370	1,391	1,473	1,382	2,606	2,668	2,734	1,639	23,263
<b>Total*:</b>	9,370	1,391	1,473	1,382	2,606	2,668	2,734	1,639	23,263
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,370	1,473	1,382	2,606	2,668	2,734	1,639	13,872
<b>Total:</b>		1,370	1,473	1,382	2,606	2,668	2,734	1,639	13,872

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## 2013 - 2018 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>	Q4/2014
<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. The project enhances system reliability and customer service.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	108	3,062	213	45	0	0	0	0	3,428
<b>Total:</b>	108	3,062	213	45	0	0	0	0	3,428
<b>Fund Appropriations/Allocations</b>									
City Light Fund	108	3,062	213	45	0	0	0	0	3,428
<b>Total*:</b>	108	3,062	213	45	0	0	0	0	3,428
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,502	786	45	0	0	0	0	3,333
<b>Total:</b>		2,502	786	45	0	0	0	0	3,333

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

### 2013 - 2018 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>	Q1/2007
<b>Project ID:</b>	6470	<b>End Date:</b>	Q4/2016
<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 into service improvements which keep generation equipment and operations in full compliance.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,228	825	1,071	800	298	297	0	0	10,519
<b>Total:</b>	7,228	825	1,071	800	298	297	0	0	10,519
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7,228	825	1,071	800	298	297	0	0	10,519
<b>Total*:</b>	7,228	825	1,071	800	298	297	0	0	10,519
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,375	1,071	800	298	297	0	0	4,841
<b>Total:</b>		2,375	1,071	800	298	297	0	0	4,841

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,112	349	0	0	0	0	0	0	2,461
<b>Total:</b>	2,112	349	0	0	0	0	0	0	2,461
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,112	349	0	0	0	0	0	0	2,461
<b>Total*:</b>	2,112	349	0	0	0	0	0	0	2,461
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		31	0	0	0	0	0	0	31
<b>Total:</b>		31	0	0	0	0	0	0	31

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

**2013 - 2018 Proposed Capital Improvement Program**

**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 bores through hard rock and 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 justification of market value of electricity, and other market conditions favorable toward moving forward with construction.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,517	1,146	293	0	0	0	0	0	6,956
<b>Total:</b>	5,517	1,146	293	0	0	0	0	0	6,956
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,517	1,146	293	0	0	0	0	0	6,956
<b>Total*:</b>	5,517	1,146	293	0	0	0	0	0	6,956
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		892	293	0	0	0	0	0	1,185
<b>Total:</b>		892	293	0	0	0	0	0	1,185

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

**2013 - 2018 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 deteriorating control and power cabling systems within the Gorge Powerhouse with new, higher-capacity cables. When completed, this work will reduce troubleshooting time that is spent tracing ground faults, ease installation of future circuits and equipment, and increase generator availability and energy production on generators providing 9.5% of City Light's generating capacity.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	105	435	0	0	0	0	540
<b>Total:</b>	0	0	105	435	0	0	0	0	540
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	105	435	0	0	0	0	540
<b>Total*:</b>	0	0	105	435	0	0	0	0	540
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## Gorge Powerhouse - Fire Protection 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>	Q1/2015
<b>Project ID:</b>	6326	<b>End Date:</b>	Q4/2022
<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 designs and installs a water spray generator fire suppression system for Generator 24. Piping, valving, nozzles for a water delivery system, and a new control system for detection, alarming, and system initiation are included in the scope of the project.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	77	83	237	189	586
<b>Total:</b>	0	0	0	0	77	83	237	189	586
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	77	83	237	189	586
<b>Total*:</b>	0	0	0	0	77	83	237	189	586
<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.*

### 2013 - 2018 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>	Q4/2013
<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 replaces the existing Gorge Bank 10 transformer with a new 3 MVA 3 phase transformer. Voltage regulators will also be supplied and new disconnects installed. The existing transformer pad will be modified if needed.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	404	297	61	0	0	0	0	0	762
<b>Total:</b>	404	297	61	0	0	0	0	0	762
<b>Fund Appropriations/Allocations</b>									
City Light Fund	404	297	61	0	0	0	0	0	762
<b>Total*:</b>	404	297	61	0	0	0	0	0	762
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		727	61	0	0	0	0	0	788
<b>Total:</b>		727	61	0	0	0	0	0	788

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

### 2013 - 2018 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 implements upgrades that will either prevent spills (from oils, greases, fuels and other petroleum products) through process improvements and equipment replacement or provide additional containment capacity for accidental spills. Options for reducing spills include replacing oil-filled transformers with dry-type transformers, building larger containment basins around oil-filled equipment, reconfiguring powerhouse sumps to separate potentially oily water from non-oily water, installing oil/water separators on transformer and generator cooling water systems and replacing greased valve bushings with greaseless bushings. Because each powerhouse is unique, different solutions will be designed and implemented at each facility.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	306	559	1,021	1,006	1,026	882	4,800
<b>Total:</b>	0	0	306	559	1,021	1,006	1,026	882	4,800
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	306	559	1,021	1,006	1,026	882	4,800
<b>Total*:</b>	0	0	306	559	1,021	1,006	1,026	882	4,800
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# 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 Investment	<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 on-going management of the disaster recovery (DR) program. This project establishes a formal DR program for City Light, placing a recovery version of IT assets in geographically diverse locations. This project develops and implements processes and procedures to exercise DR plans on an annual basis. The project also develops processes and procedures for annual updates of 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	655	670	0	0	0	0	1,325
<b>Total:</b>	0	0	655	670	0	0	0	0	1,325
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	655	670	0	0	0	0	1,325
<b>Total*:</b>	0	0	655	670	0	0	0	0	1,325
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q4/2018
<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 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/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/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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	39,685	4,565	3,063	3,190	3,431	3,761	4,031	3,867	65,593
<b>Total:</b>	39,685	4,565	3,063	3,190	3,431	3,761	4,031	3,867	65,593
<b>Fund Appropriations/Allocations</b>									
City Light Fund	39,685	4,565	3,063	3,190	3,431	3,761	4,031	3,867	65,593
<b>Total*:</b>	39,685	4,565	3,063	3,190	3,431	3,761	4,031	3,867	65,593
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,496	3,063	3,190	3,431	3,761	4,031	3,867	23,839
<b>Total:</b>		2,496	3,063	3,190	3,431	3,761	4,031	3,867	23,839

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## 2013 - 2018 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). The project provides flexibility to meet management needs in budget structure and reporting.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	554	572	0	0	0	0	1,126
<b>Total:</b>	0	0	554	572	0	0	0	0	1,126
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	554	572	0	0	0	0	1,126
<b>Total*:</b>	0	0	554	572	0	0	0	0	1,126
<b>O &amp; M Costs (Savings)</b>			0	0	75	75	75	75	300
<b>Spending Plan by Fund</b>									
City Light Fund		204	554	572	0	0	0	0	1,330
<b>Total:</b>		204	554	572	0	0	0	0	1,330

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### 2013 - 2018 Proposed Capital Improvement Program

**Inventory System Redevelopment**

**BCL/Program Name:** E2 Central Utility Projects - Finance and IT Systems **BCL/Program Code:** SCL550-E2  
**Project Type:** New Investment **Start Date:** Q1/2013  
**Project ID:** 9959 **End Date:** Q4/2014  
**Location:**  
**Neighborhood Plan:** Not in Neighborhood Plan **Neighborhood Plan Matrix:**  
**Neighborhood District:** **Urban Village:**

This project selects and implements a 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 not 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 interface to other City software, including WAMS, OMS, and Summit.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1,208	540	0	0	0	0	1,748
<b>Total:</b>	0	0	1,208	540	0	0	0	0	1,748
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	1,208	540	0	0	0	0	1,748
<b>Total*:</b>	0	0	1,208	540	0	0	0	0	1,748
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**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>	New Investment	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9960	<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

The 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 for (by way of illustration but not limitation) implementation of systems to, replacements of, or upgrades to 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	887	861	1,226	674	663	510	4,821
<b>Total:</b>	0	0	887	861	1,226	674	663	510	4,821
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	887	861	1,226	674	663	510	4,821
<b>Total*:</b>	0	0	887	861	1,226	674	663	510	4,821
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2013 - 2018 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 provides an assured supply of water to Ladder Creek Garden, including an irrigation system and water features, such as pools and fountains. The electrical upgrade provides improved trail and creek lighting in keeping with the historical conditions. This project brings Seattle City Light into compliance with the Skagit FERC license requirements.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,756	174	153	624	0	0	0	0	3,707
<b>Total:</b>	2,756	174	153	624	0	0	0	0	3,707
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,756	174	153	624	0	0	0	0	3,707
<b>Total*:</b>	2,756	174	153	624	0	0	0	0	3,707
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4	153	624	0	0	0	0	781
<b>Total:</b>		4	153	624	0	0	0	0	781

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### 2013 - 2018 Proposed Capital Improvement Program

**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. Since the project also includes funding for tree trimming, it enhances customer satisfaction by reducing likelihood of outages and reduces emergency repair costs.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,166	1,232	57	0	0	0	0	0	4,455
<b>Total:</b>	3,166	1,232	57	0	0	0	0	0	4,455
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,166	1,232	57	0	0	0	0	0	4,455
<b>Total*:</b>	3,166	1,232	57	0	0	0	0	0	4,455
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		387	57	0	0	0	0	0	444
<b>Total:</b>		387	57	0	0	0	0	0	444

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

**2013 - 2018 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 project provides large size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of 3 MVA or larger and 26 kV radial service. 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	8,310	6,067	2,641	2,842	2,683	2,763	2,789	2,951	31,046
<b>Total:</b>	8,310	6,067	2,641	2,842	2,683	2,763	2,789	2,951	31,046
<b>Fund Appropriations/Allocations</b>									
City Light Fund	8,310	6,067	2,641	2,842	2,683	2,763	2,789	2,951	31,046
<b>Total*:</b>	8,310	6,067	2,641	2,842	2,683	2,763	2,789	2,951	31,046
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,536	2,641	2,842	2,683	2,763	2,789	2,951	22,205
<b>Total:</b>		5,536	2,641	2,842	2,683	2,763	2,789	2,951	22,205

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## 2013 - 2018 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>	Q4/2014
<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 4kV equipment and direct buried cables with a buried conduit system. The project improves service reliability, customer satisfaction, economic operating efficiencies, and safety, and, since PCB transformers are replaced, reduces environmental damage exposure.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,611	5,033	1,117	580	0	0	0	0	9,341
<b>Total:</b>	2,611	5,033	1,117	580	0	0	0	0	9,341
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,611	5,033	1,117	580	0	0	0	0	9,341
<b>Total*:</b>	2,611	5,033	1,117	580	0	0	0	0	9,341
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,789	2,628	580	0	0	0	0	6,997
<b>Total:</b>		3,789	2,628	580	0	0	0	0	6,997

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

**2013 - 2018 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 provides assurances to the 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	930	521	206	0	0	0	0	1,657
<b>Total:</b>	0	930	521	206	0	0	0	0	1,657
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	930	521	206	0	0	0	0	1,657
<b>Total*:</b>	0	930	521	206	0	0	0	0	1,657
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		835	1,021	206	0	0	0	0	2,062
<b>Total:</b>		835	1,021	206	0	0	0	0	2,062

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

### 2013 - 2018 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 project covers unexpected problems with the electrical system that 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. It enhances customer satisfaction by allowing rapid response to execute necessary system repairs.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,107	618	891	932	113	116	119	122	4,018
<b>Total:</b>	1,107	618	891	932	113	116	119	122	4,018
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,107	618	891	932	113	116	119	122	4,018
<b>Total*:</b>	1,107	618	891	932	113	116	119	122	4,018
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		294	891	932	113	116	119	122	2,587
<b>Total:</b>		294	891	932	113	116	119	122	2,587

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

## 2013 - 2018 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 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's customers.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	16,972	4,545	3,401	3,341	3,671	3,758	3,852	3,948	43,488
<b>Total:</b>	16,972	4,545	3,401	3,341	3,671	3,758	3,852	3,948	43,488
<b>Fund Appropriations/Allocations</b>									
City Light Fund	16,972	4,545	3,401	3,341	3,671	3,758	3,852	3,948	43,488
<b>Total*:</b>	16,972	4,545	3,401	3,341	3,671	3,758	3,852	3,948	43,488
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,602	3,401	3,341	3,671	3,758	3,852	3,948	26,573
<b>Total:</b>		4,602	3,401	3,341	3,671	3,758	3,852	3,948	26,573

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

## 2013 - 2018 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 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 service. 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	44,253	8,561	6,762	7,213	8,322	8,519	8,732	8,950	101,312
<b>Total:</b>	44,253	8,561	6,762	7,213	8,322	8,519	8,732	8,950	101,312
<b>Fund Appropriations/Allocations</b>									
City Light Fund	44,253	8,561	6,762	7,213	8,322	8,519	8,732	8,950	101,312
<b>Total*:</b>	44,253	8,561	6,762	7,213	8,322	8,519	8,732	8,950	101,312
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		8,604	6,762	7,213	8,322	8,519	8,732	8,950	57,102
<b>Total:</b>		8,604	6,762	7,213	8,322	8,519	8,732	8,950	57,102

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

### 2013 - 2018 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. The 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,035	10,111	1,437	0	0	0	0	0	18,583
<b>Total:</b>	7,035	10,111	1,437	0	0	0	0	0	18,583
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7,035	10,111	1,437	0	0	0	0	0	18,583
<b>Total*:</b>	7,035	10,111	1,437	0	0	0	0	0	18,583
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,973	1,682	0	0	0	0	0	6,655
<b>Total:</b>		4,973	1,682	0	0	0	0	0	6,655

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

### 2013 - 2018 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>	Q4/2014
<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 (8307) project. The project calls for four overhead feeders and relocation of underground ducts and vaults. The project includes SCL performing follow-up electrical work in concert with the SDOT managed project and WSDOT's Alaskan Way Viaduct replacement program.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	155	2,740	545	5,325	0	0	0	0	8,765
<b>Total:</b>	155	2,740	545	5,325	0	0	0	0	8,765
<b>Fund Appropriations/Allocations</b>									
City Light Fund	155	2,740	545	5,325	0	0	0	0	8,765
<b>Total*:</b>	155	2,740	545	5,325	0	0	0	0	8,765
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		428	1,998	6,058	0	0	0	0	8,484
<b>Total:</b>		428	1,998	6,058	0	0	0	0	8,484

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## 2013 - 2018 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 project provides new or replacement meters. Work included in this project includes meter service and installations, obsolete meter exchanges, audits of new meter services, maintaining meter inventory, and verifying electrical measurement standards. This project ensures accurate customer billing.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	64,714	5,425	4,424	4,548	3,124	2,547	2,471	2,240	89,493
<b>Total:</b>	64,714	5,425	4,424	4,548	3,124	2,547	2,471	2,240	89,493
<b>Fund Appropriations/Allocations</b>									
City Light Fund	64,714	5,425	4,424	4,548	3,124	2,547	2,471	2,240	89,493
<b>Total*:</b>	64,714	5,425	4,424	4,548	3,124	2,547	2,471	2,240	89,493
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,761	4,424	4,548	3,124	2,547	2,471	2,240	24,115
<b>Total:</b>		4,761	4,424	4,548	3,124	2,547	2,471	2,240	24,115

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## 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	301	1,008	384	0	0	0	0	0	1,693
<b>Total:</b>	301	1,008	384	0	0	0	0	0	1,693
<b>Fund Appropriations/Allocations</b>									
City Light Fund	301	1,008	384	0	0	0	0	0	1,693
<b>Total*:</b>	301	1,008	384	0	0	0	0	0	1,693
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,047	384	0	0	0	0	0	1,431
<b>Total:</b>		1,047	384	0	0	0	0	0	1,431

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### 2013 - 2018 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>	Q4/2018
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,831	0	2,075	2,559	1,158	1,185	1,215	1,245	23,268
<b>Total:</b>	13,831	0	2,075	2,559	1,158	1,185	1,215	1,245	23,268
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,831	0	2,075	2,559	1,158	1,185	1,215	1,245	23,268
<b>Total*:</b>	13,831	0	2,075	2,559	1,158	1,185	1,215	1,245	23,268
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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. This project supports City Light's efforts to implement work management, smart grid and performance management. 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	548	0	0	1,557	2,949	1,228	1,185	7,467
<b>Total:</b>	0	548	0	0	1,557	2,949	1,228	1,185	7,467
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	548	0	0	1,557	2,949	1,228	1,185	7,467
<b>Total*:</b>	0	548	0	0	1,557	2,949	1,228	1,185	7,467
<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	1,557	2,949	1,228	1,185	6,919
<b>Total:</b>		0	0	0	1,557	2,949	1,228	1,185	6,919

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## 2013 - 2018 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>	Q4/2019
<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 rejuvenates old cable in numerous Seattle neighborhoods by injecting an approved silicone type fluid that extends the life of the existing stranded power cables. The project extends the life of the old cable which are in danger of failure and need to be replaced or rehabilitated. It significantly reduces the likelihood of feeder outage due to cable failure. It improves customer satisfaction.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,207	6,809	4,583	4,690	4,205	4,305	4,412	4,522	39,733
<b>Total:</b>	6,207	6,809	4,583	4,690	4,205	4,305	4,412	4,522	39,733
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,207	6,809	4,583	4,690	4,205	4,305	4,412	4,522	39,733
<b>Total*:</b>	6,207	6,809	4,583	4,690	4,205	4,305	4,412	4,522	39,733
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,575	4,583	4,690	4,205	4,305	4,412	4,522	30,292
<b>Total:</b>		3,575	4,583	4,690	4,205	4,305	4,412	4,522	30,292

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## 2013 - 2018 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 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 project enhances customer satisfaction by providing a process for residential customers to convert overhead power lines to underground lines. The VUP is proscribed by Seattle Municipal Code, Section 21.49.110.T.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	269	497	37	38	39	40	69	71	1,060
<b>Total:</b>	269	497	37	38	39	40	69	71	1,060
<b>Fund Appropriations/Allocations</b>									
City Light Fund	269	497	37	38	39	40	69	71	1,060
<b>Total*:</b>	269	497	37	38	39	40	69	71	1,060
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		62	63	64	66	67	69	71	462
<b>Total:</b>		62	63	64	66	67	69	71	462

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

### 2013 - 2018 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 project provides electrical service connections and related improvements in response to customer service 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 performs capacity addition work associated with service connections, and replaces or installs network transformers, network protectors, and bus ties switches. Short-duration system improvement work identified during operations, including retrofitting in-building vaults, is completed. This program fluctuates with land use development. This project is related to Project 7757 (Denny Substation Development) and Project 8404 (Denny Substation - Network).

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	129	1,388	2,501	2,564	665	674	7,921
<b>Total:</b>	0	0	129	1,388	2,501	2,564	665	674	7,921
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	129	1,388	2,501	2,564	665	674	7,921
<b>Total*:</b>	0	0	129	1,388	2,501	2,564	665	674	7,921
<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.*

### 2013 - 2018 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	22,652	3,474	6,748	5,445	5,866	6,005	6,155	6,309	62,654
<b>Total:</b>	22,652	3,474	6,748	5,445	5,866	6,005	6,155	6,309	62,654
<b>Fund Appropriations/Allocations</b>									
City Light Fund	22,652	3,474	6,748	5,445	5,866	6,005	6,155	6,309	62,654
<b>Total*:</b>	22,652	3,474	6,748	5,445	5,866	6,005	6,155	6,309	62,654
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,242	6,748	5,445	5,866	6,005	6,155	6,309	41,770
<b>Total:</b>		5,242	6,748	5,445	5,866	6,005	6,155	6,309	41,770

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

### 2013 - 2018 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 project provides electrical service connections and related improvements in response to customer service requests within the First Hill, Mass, 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	23,586	3,517	2,219	2,293	2,543	2,603	2,668	2,735	42,164
<b>Total:</b>	23,586	3,517	2,219	2,293	2,543	2,603	2,668	2,735	42,164
<b>Fund Appropriations/Allocations</b>									
City Light Fund	23,586	3,517	2,219	2,293	2,543	2,603	2,668	2,735	42,164
<b>Total*:</b>	23,586	3,517	2,219	2,293	2,543	2,603	2,668	2,735	42,164
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,621	2,219	2,293	2,543	2,603	2,668	2,735	17,682
<b>Total:</b>		2,621	2,219	2,293	2,543	2,603	2,668	2,735	17,682

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### 2013 - 2018 Proposed Capital Improvement Program

**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 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 enhances the reliability of the storage of GIS data and the day to day work of designing, maintaining and operating the Network system.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	359	1,675	1,112	347	175	0	0	0	3,668
<b>Total:</b>	359	1,675	1,112	347	175	0	0	0	3,668
<b>Fund Appropriations/Allocations</b>									
City Light Fund	359	1,675	1,112	347	175	0	0	0	3,668
<b>Total*:</b>	359	1,675	1,112	347	175	0	0	0	3,668
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,393	1,112	347	175	0	0	0	3,027
<b>Total:</b>		1,393	1,112	347	175	0	0	0	3,027

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

**2013 - 2018 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 project upgrades City Light's remote vault monitoring capability. 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 condition occurrence. The project enhances system reliability by avoiding serious and expensive equipment problems and service outages.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,390	622	527	516	584	615	654	695	8,603
<b>Total:</b>	4,390	622	527	516	584	615	654	695	8,603
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,390	622	527	516	584	615	654	695	8,603
<b>Total*:</b>	4,390	622	527	516	584	615	654	695	8,603
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		637	527	516	584	615	654	695	4,228
<b>Total:</b>		637	527	516	584	615	654	695	4,228

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

### 2013 - 2018 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 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. This project enhances City Light crew and public safety by reducing the large backlog of old or damaged electrical facilities.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	45,091	2,973	2,681	2,320	2,886	2,955	2,981	3,056	64,943
<b>Total:</b>	45,091	2,973	2,681	2,320	2,886	2,955	2,981	3,056	64,943
<b>Fund Appropriations/Allocations</b>									
City Light Fund	45,091	2,973	2,681	2,320	2,886	2,955	2,981	3,056	64,943
<b>Total*:</b>	45,091	2,973	2,681	2,320	2,886	2,955	2,981	3,056	64,943
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,888	2,681	2,320	2,886	2,955	2,981	3,056	19,767
<b>Total:</b>		2,888	2,681	2,320	2,886	2,955	2,981	3,056	19,767

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

### 2013 - 2018 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>	Q4/2013
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	865	15	16	0	0	0	0	0	896
<b>Total:</b>	865	15	16	0	0	0	0	0	896
<b>Fund Appropriations/Allocations</b>									
City Light Fund	865	15	16	0	0	0	0	0	896
<b>Total*:</b>	865	15	16	0	0	0	0	0	896
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		140	16	0	0	0	0	0	156
<b>Total:</b>		140	16	0	0	0	0	0	156

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

### 2013 - 2018 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 with the electrical system that result in necessary repairs that cost over \$5,000.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,916	641	883	923	589	603	618	634	7,807
<b>Total:</b>	2,916	641	883	923	589	603	618	634	7,807
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,916	641	883	923	589	603	618	634	7,807
<b>Total*:</b>	2,916	641	883	923	589	603	618	634	7,807
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		665	883	923	589	603	618	634	4,915
<b>Total:</b>		665	883	923	589	603	618	634	4,915

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

### 2013 - 2018 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>	Q4/2018
<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 improves office, shop, and storage areas in the North and South Service Centers. The project addresses efficiency, productivity, and safety improvements at the North and South Service Centers.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	25,524	206	1,438	1,449	468	268	277	285	29,915
<b>Total:</b>	25,524	206	1,438	1,449	468	268	277	285	29,915
<b>Fund Appropriations/Allocations</b>									
City Light Fund	25,524	206	1,438	1,449	468	268	277	285	29,915
<b>Total*:</b>	25,524	206	1,438	1,449	468	268	277	285	29,915
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,496	1,438	1,449	468	268	277	285	5,681
<b>Total:</b>		1,496	1,438	1,449	468	268	277	285	5,681

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### 2013 - 2018 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>	Q4/2013
<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 space into a campus setting that can be secured for SCL security and safety purposes; the addition of parking, warehouse space, customer service center, and engineering and shop space; and improving access and egress to and from the NSC.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,969	1,611	90	0	0	0	0	0	4,670
<b>Total:</b>	2,969	1,611	90	0	0	0	0	0	4,670
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,969	1,611	90	0	0	0	0	0	4,670
<b>Total*:</b>	2,969	1,611	90	0	0	0	0	0	4,670
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,897	90	0	0	0	0	0	1,987
<b>Total:</b>		1,897	90	0	0	0	0	0	1,987

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

## 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	107	6,216	1,111	12	0	0	0	0	7,446
<b>Total:</b>	107	6,216	1,111	12	0	0	0	0	7,446
<b>Fund Appropriations/Allocations</b>									
City Light Fund	107	6,216	1,111	12	0	0	0	0	7,446
<b>Total*:</b>	107	6,216	1,111	12	0	0	0	0	7,446
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,270	3,031	12	0	0	0	0	6,313
<b>Total:</b>		3,270	3,031	12	0	0	0	0	6,313

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

### 2013 - 2018 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>	Q4/2018
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	25,650	0	218	223	552	565	579	594	28,381
<b>Total:</b>	25,650	0	218	223	552	565	579	594	28,381
<b>Fund Appropriations/Allocations</b>									
City Light Fund	25,650	0	218	223	552	565	579	594	28,381
<b>Total*:</b>	25,650	0	218	223	552	565	579	594	28,381
<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.*

**2013 - 2018 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 project replaces the 4kV electrical equipment remaining in the electrical distribution system with new, efficient and reliable 26kV 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.

	<b>LTD Actuals</b>	<b>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	6,784	1,887	1,548	1,757	1,412	594	684	701	15,367
<b>Total:</b>	6,784	1,887	1,548	1,757	1,412	594	684	701	15,367
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,784	1,887	1,548	1,757	1,412	594	684	701	15,367
<b>Total*:</b>	6,784	1,887	1,548	1,757	1,412	594	684	701	15,367
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,314	1,548	1,757	1,412	594	684	701	8,010
<b>Total:</b>		1,314	1,548	1,757	1,412	594	684	701	8,010

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

## 2013 - 2018 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 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 and is for their direct benefit. City Light is reimbursed by the customers for this work. This project enhances distribution system capacity and maintains reliability so that City Light has sufficient capacity to serve its customers.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	20,721	3,557	4,006	4,233	4,908	5,029	5,145	5,278	52,877
<b>Total:</b>	20,721	3,557	4,006	4,233	4,908	5,029	5,145	5,278	52,877
<b>Fund Appropriations/Allocations</b>									
City Light Fund	20,721	3,557	4,006	4,233	4,908	5,029	5,145	5,278	52,877
<b>Total*:</b>	20,721	3,557	4,006	4,233	4,908	5,029	5,145	5,278	52,877
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,453	4,006	4,233	4,908	5,029	5,145	5,278	32,052
<b>Total:</b>		3,453	4,006	4,233	4,908	5,029	5,145	5,278	32,052

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

### 2013 - 2018 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 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, crossarms, transformers, and open-wire secondaries. This project improves system reliability by reducing the chances of unplanned outages on the system.

	<b>LTD Actuals</b>	<b>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	28,758	6,741	9,238	9,938	10,482	10,135	13,090	13,374	101,756
<b>Total:</b>	28,758	6,741	9,238	9,938	10,482	10,135	13,090	13,374	101,756
<b>Fund Appropriations/Allocations</b>									
City Light Fund	28,758	6,741	9,238	9,938	10,482	10,135	13,090	13,374	101,756
<b>Total*:</b>	28,758	6,741	9,238	9,938	10,482	10,135	13,090	13,374	101,756
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,948	9,238	9,938	10,482	10,135	13,090	13,374	72,205
<b>Total:</b>		5,948	9,238	9,938	10,482	10,135	13,090	13,374	72,205

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

### 2013 - 2018 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,111	226	196	318	245	208	231	279	4,814
<b>Total:</b>	3,111	226	196	318	245	208	231	279	4,814
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,111	226	196	318	245	208	231	279	4,814
<b>Total*:</b>	3,111	226	196	318	245	208	231	279	4,814
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		236	196	318	245	208	231	279	1,713
<b>Total:</b>		236	196	318	245	208	231	279	1,713

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

### 2013 - 2018 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 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. This project adds capacity to the distribution system to maintain the reliability level for the existing customers on the system and accommodate the increased load from new services.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	19,732	2,761	2,119	2,183	2,845	2,712	2,885	2,860	38,097
<b>Total:</b>	19,732	2,761	2,119	2,183	2,845	2,712	2,885	2,860	38,097
<b>Fund Appropriations/Allocations</b>									
City Light Fund	19,732	2,761	2,119	2,183	2,845	2,712	2,885	2,860	38,097
<b>Total*:</b>	19,732	2,761	2,119	2,183	2,845	2,712	2,885	2,860	38,097
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,520	2,119	2,183	2,845	2,712	2,885	2,860	19,124
<b>Total:</b>		3,520	2,119	2,183	2,845	2,712	2,885	2,860	19,124

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

## 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## 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>	Q4/2013
<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 computers and core software applications that are now beyond or approaching end-of-life support from manufacturers. The project upgrades may include (by way of illustration but not limitation): 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; and 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,367	4,696	1,666	0	0	0	0	0	7,729
<b>Total:</b>	1,367	4,696	1,666	0	0	0	0	0	7,729
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,367	4,696	1,666	0	0	0	0	0	7,729
<b>Total*:</b>	1,367	4,696	1,666	0	0	0	0	0	7,729
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,177	1,666	0	0	0	0	0	2,843
<b>Total:</b>		1,177	1,666	0	0	0	0	0	2,843

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

### 2013 - 2018 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 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 replace about 1,500 transformers with known PCBs. The project implements the processes and procedures for the disposal of the contaminated transformers.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	305	334	1,241	1,330	1,323	1,324	5,857
<b>Total:</b>	0	0	305	334	1,241	1,330	1,323	1,324	5,857
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	305	334	1,241	1,330	1,323	1,324	5,857
<b>Total*:</b>	0	0	305	334	1,241	1,330	1,323	1,324	5,857
<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.*

### 2013 - 2018 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 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 are fully reimbursable. The project allows City Light to meet its legal obligations to make space available on its facilities to government and private entities for communication and other purposes, according to Section 224 of the Federal Communications Act.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	949	1,498	2,341	2,718	2,737	3,378	3,462	3,549	20,632
<b>Total:</b>	949	1,498	2,341	2,718	2,737	3,378	3,462	3,549	20,632
<b>Fund Appropriations/Allocations</b>									
City Light Fund	949	1,498	2,341	2,718	2,737	3,378	3,462	3,549	20,632
<b>Total*:</b>	949	1,498	2,341	2,718	2,737	3,378	3,462	3,549	20,632
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,193	2,341	2,718	2,737	3,378	3,462	3,549	19,378
<b>Total:</b>		1,193	2,341	2,718	2,737	3,378	3,462	3,549	19,378

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### 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## 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:** Q4/2013  
**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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,517	273	0	0	0	0	0	1,790
<b>Total:</b>	0	1,517	273	0	0	0	0	0	1,790
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,517	273	0	0	0	0	0	1,790
<b>Total*:</b>	0	1,517	273	0	0	0	0	0	1,790
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		493	273	0	0	0	0	0	766
<b>Total:</b>		493	273	0	0	0	0	0	766

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

### 2013 - 2018 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>	Q4/2016
<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 reduced 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,247	2,449	2,577	3,068	2,791	1,358	0	0	13,490
<b>Total:</b>	1,247	2,449	2,577	3,068	2,791	1,358	0	0	13,490
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,247	2,449	2,577	3,068	2,791	1,358	0	0	13,490
<b>Total*:</b>	1,247	2,449	2,577	3,068	2,791	1,358	0	0	13,490
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		613	2,577	3,068	2,791	1,358	0	0	10,407
<b>Total:</b>		613	2,577	3,068	2,791	1,358	0	0	10,407

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## 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## Power Stations 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 project enables City Light to perform cooperative work on shared lines and systems that other electrical utilities in the region periodically ask of City Light.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,651	6	6	6	6	7	7	7	5,696
<b>Total:</b>	5,651	6	6	6	6	7	7	7	5,696
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,651	6	6	6	6	7	7	7	5,696
<b>Total*:</b>	5,651	6	6	6	6	7	7	7	5,696
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program



# Seattle City Light

## Power Stations 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>	Q4/2018
<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 implements oil containment improvements at 11 substations. It brings City Light into compliance with regulations of the Clean Water Act (Title 40, Code of Federal Regulations, Part 112).

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	262	483	452	445	455	466	478	3,041
<b>Total:</b>	0	262	483	452	445	455	466	478	3,041
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	262	483	452	445	455	466	478	3,041
<b>Total*:</b>	0	262	483	452	445	455	466	478	3,041
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		208	483	452	445	455	466	478	2,987
<b>Total:</b>		208	483	452	445	455	466	478	2,987

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

## 2013 - 2018 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 project replaces protective relays. This project helps 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,544	2,791	2,859	4,223	5,112	4,029	4,149	3,406	40,113
<b>Total:</b>	13,544	2,791	2,859	4,223	5,112	4,029	4,149	3,406	40,113
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,544	2,791	2,859	4,223	5,112	4,029	4,149	3,406	40,113
<b>Total*:</b>	13,544	2,791	2,859	4,223	5,112	4,029	4,149	3,406	40,113
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,260	2,859	4,223	5,112	4,029	4,149	3,406	25,038
<b>Total:</b>		1,260	2,859	4,223	5,112	4,029	4,149	3,406	25,038

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

### 2013 - 2018 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>	Q4/2018
<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 at which City Light is responsible for the breakers.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	546	13	13	14	15	16	17	18	652
<b>Total:</b>	546	13	13	14	15	16	17	18	652
<b>Fund Appropriations/Allocations</b>									
City Light Fund	546	13	13	14	15	16	17	18	652
<b>Total*:</b>	546	13	13	14	15	16	17	18	652
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		7	13	14	15	16	17	18	100
<b>Total:</b>		7	13	14	15	16	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.*

### 2013 - 2018 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>	Q4/2015
<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 upgrades aging AC electrical distribution system at Ross Dam with a new electrical distribution system. It installs conduit, ducting, distribution panels and wire; 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,229	528	409	460	930	0	0	0	3,556
<b>Total:</b>	1,229	528	409	460	930	0	0	0	3,556
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,229	528	409	460	930	0	0	0	3,556
<b>Total*:</b>	1,229	528	409	460	930	0	0	0	3,556
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		476	409	460	930	0	0	0	2,275
<b>Total:</b>		476	409	460	930	0	0	0	2,275

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

### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,239	0	194	0	0	0	0	0	2,433
<b>Total:</b>	2,239	0	194	0	0	0	0	0	2,433
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,239	0	194	0	0	0	0	0	2,433
<b>Total*:</b>	2,239	0	194	0	0	0	0	0	2,433
<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.*

### 2013 - 2018 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>	Q1/2008
<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, and assure 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	191	356	308	0	0	0	855
<b>Total:</b>	0	0	191	356	308	0	0	0	855
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	191	356	308	0	0	0	855
<b>Total*:</b>	0	0	191	356	308	0	0	0	855
<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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	115	676	42	0	0	0	833
<b>Total:</b>	0	0	115	676	42	0	0	0	833
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	115	676	42	0	0	0	833
<b>Total*:</b>	0	0	115	676	42	0	0	0	833
<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.*

### 2013 - 2018 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>	Q4/2014
<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 re-establishes boat and barge access to the Ross Powerhouse and Dam, and Ross Lake Resort and National Parks Facilities. The project stabilizes the rock slope, re-establishes a road between Ross Powerhouse and Ross Dam, and reconstructs ramps, docks, and loading areas on Diablo Reservoir for Ross Powerhouse, Dam, and Ross Lake access.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7	1,898	2,357	1,907	0	0	0	0	6,169
<b>Total:</b>	7	1,898	2,357	1,907	0	0	0	0	6,169
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7	1,898	2,357	1,907	0	0	0	0	6,169
<b>Total*:</b>	7	1,898	2,357	1,907	0	0	0	0	6,169
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,947	2,357	1,907	0	0	0	0	7,211
<b>Total:</b>		2,947	2,357	1,907	0	0	0	0	7,211

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

### 2013 - 2018 Proposed Capital Improvement Program



**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>	Q4/2018
<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 ongoing project modifies City Light's facilities and provides equipment to correct imminent and critical safety hazards. The project protects employees and customers from health and safety hazards, and allows SCL to meet safety and health code requirements. It lowers the risk of WA State compliance penalties and possible costs related to employee or customer injuries. 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,484	229	1,396	567	1,329	1,361	1,395	1,430	11,191
<b>Total:</b>	3,484	229	1,396	567	1,329	1,361	1,395	1,430	11,191
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,484	229	1,396	567	1,329	1,361	1,395	1,430	11,191
<b>Total*:</b>	3,484	229	1,396	567	1,329	1,361	1,395	1,430	11,191
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		235	1,396	567	1,329	1,361	1,395	1,430	7,713
<b>Total:</b>		235	1,396	567	1,329	1,361	1,395	1,430	7,713

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	196	2,164	17	0	0	0	0	0	2,377
<b>Total:</b>	196	2,164	17	0	0	0	0	0	2,377
<b>Fund Appropriations/Allocations</b>									
City Light Fund	196	2,164	17	0	0	0	0	0	2,377
<b>Total*:</b>	196	2,164	17	0	0	0	0	0	2,377
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,554	17	0	0	0	0	0	1,571
<b>Total:</b>		1,554	17	0	0	0	0	0	1,571

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

### 2013 - 2018 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>	Q4/2018
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	14,377	866	2,380	2,096	2,019	2,066	2,118	2,171	28,093
<b>Total:</b>	14,377	866	2,380	2,096	2,019	2,066	2,118	2,171	28,093
<b>Fund Appropriations/Allocations</b>									
City Light Fund	14,377	866	2,380	2,096	2,019	2,066	2,118	2,171	28,093
<b>Total*:</b>	14,377	866	2,380	2,096	2,019	2,066	2,118	2,171	28,093
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		796	2,380	2,096	2,019	2,066	2,118	2,171	13,646
<b>Total:</b>		796	2,380	2,096	2,019	2,066	2,118	2,171	13,646

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### 2013 - 2018 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 project funds structural upgrades to buildings. The project protects City Light's assets, employees, customers, visitors, equipment, and materials. This project is for misc. unidentified seismic issues other than Georgetown Steamplant, Service Centers, and Substations which are funded through other projects.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,567	0	57	58	32	33	34	35	4,816
<b>Total:</b>	4,567	0	57	58	32	33	34	35	4,816
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,567	0	57	58	32	33	34	35	4,816
<b>Total*:</b>	4,567	0	57	58	32	33	34	35	4,816
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## Shoreline 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>	Q4/2017
<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 three power transformers at Shoreline 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	34	0	2,543	3,445	967	927	6	0	7,922
<b>Total:</b>	34	0	2,543	3,445	967	927	6	0	7,922
<b>Fund Appropriations/Allocations</b>									
City Light Fund	34	0	2,543	3,445	967	927	6	0	7,922
<b>Total*:</b>	34	0	2,543	3,445	967	927	6	0	7,922
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,073	2,543	3,445	967	927	6	0	9,961
<b>Total:</b>		2,073	2,543	3,445	967	927	6	0	9,961

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### 2013 - 2018 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>	Q4/2014
<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 along Aurora Avenue in the City of Shoreline (Shoreline). The project enhances reliability and public relations by delivering undergrounding service to Shoreline with a coordinated and mutually agreed-upon scope, schedule, cost and rate structure, in compliance with the Shoreline Municipal Code requirement to convert to an underground systems. Per City Light's franchise agreement with Shoreline, the costs for this project are recovered through a surcharge on Shoreline rates.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	23,278	5,839	5,810	856	0	0	0	0	35,783
<b>Total:</b>	23,278	5,839	5,810	856	0	0	0	0	35,783
<b>Fund Appropriations/Allocations</b>									
City Light Fund	23,278	5,839	5,810	856	0	0	0	0	35,783
<b>Total*:</b>	23,278	5,839	5,810	856	0	0	0	0	35,783
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,354	9,401	856	0	0	0	0	11,611
<b>Total:</b>		1,354	9,401	856	0	0	0	0	11,611

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### 2013 - 2018 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>	Q4/2013
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	2,719	2,114	0	0	0	0	0	4,833
<b>Total:</b>	0	2,719	2,114	0	0	0	0	0	4,833
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	2,719	2,114	0	0	0	0	0	4,833
<b>Total*:</b>	0	2,719	2,114	0	0	0	0	0	4,833
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,735	2,114	0	0	0	0	0	3,849
<b>Total:</b>		1,735	2,114	0	0	0	0	0	3,849

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

## 2013 - 2018 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>	Q4/2016
<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 implements a comprehensive facility plan to optimize buildings and structures at the Skagit townsites. The project preserves essential facilities and retains important civic, cultural, and historic features in keeping with the historic preservation requirements of the Skagit FERC Licensing agreement. The project reduces operational costs by dismantling and removing surplus facilities that require significant on-going maintenance.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,225	753	453	1,399	2,312	0	0	6,142
<b>Total:</b>	0	1,225	753	453	1,399	2,312	0	0	6,142
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,225	753	453	1,399	2,312	0	0	6,142
<b>Total*:</b>	0	1,225	753	453	1,399	2,312	0	0	6,142
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,972	753	453	1,399	2,312	0	0	6,889
<b>Total:</b>		1,972	753	453	1,399	2,312	0	0	6,889

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

**2013 - 2018 Proposed Capital Improvement Program**



# Seattle City Light

## 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 project funds unforeseeable, unscheduled capital work related to Skagit 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. 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 for the 2014-2018 CIP.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9,614	6,255	4,444	3,018	7,135	10,835	10,863	8,920	61,084
<b>Total:</b>	9,614	6,255	4,444	3,018	7,135	10,835	10,863	8,920	61,084
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,614	6,255	4,444	3,018	7,135	10,835	10,863	8,920	61,084
<b>Total*:</b>	9,614	6,255	4,444	3,018	7,135	10,835	10,863	8,920	61,084
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,512	4,444	3,018	7,135	10,835	10,863	8,920	49,727
<b>Total:</b>		4,512	4,444	3,018	7,135	10,835	10,863	8,920	49,727

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

### 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## 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 upgrades oil containment systems at the Skagit project 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 brings SCL into compliance with the requirements of the Clean Water Act.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,329	297	269	226	0	0	0	0	2,121
<b>Total:</b>	1,329	297	269	226	0	0	0	0	2,121
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,329	297	269	226	0	0	0	0	2,121
<b>Total*:</b>	1,329	297	269	226	0	0	0	0	2,121
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		473	269	226	0	0	0	0	968
<b>Total:</b>		473	269	226	0	0	0	0	968

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

### 2013 - 2018 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>	Q4/2016
<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 extends radio communication to areas inside the dams where service is poor. This project will 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9	0	93	141	790	55	0	0	1,088
<b>Total:</b>	9	0	93	141	790	55	0	0	1,088
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9	0	93	141	790	55	0	0	1,088
<b>Total*:</b>	9	0	93	141	790	55	0	0	1,088
<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.*

### 2013 - 2018 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, and an access control and 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,434	195	67	0	0	0	0	0	1,696
<b>Total:</b>	1,434	195	67	0	0	0	0	0	1,696
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,434	195	67	0	0	0	0	0	1,696
<b>Total*:</b>	1,434	195	67	0	0	0	0	0	1,696
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		138	67	0	0	0	0	0	205
<b>Total:</b>		138	67	0	0	0	0	0	205

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

**2013 - 2018 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	35,252	1,433	135	122	129	330	152	160	37,713
<b>Total:</b>	35,252	1,433	135	122	129	330	152	160	37,713
<b>Fund Appropriations/Allocations</b>									
City Light Fund	35,252	1,433	135	122	129	330	152	160	37,713
<b>Total*:</b>	35,252	1,433	135	122	129	330	152	160	37,713
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,120	135	122	129	330	152	160	2,148
<b>Total:</b>		1,120	135	122	129	330	152	160	2,148

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

### 2013 - 2018 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>	Q4/2013
<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

The project provides funds to add microprocessor relays to the existing system, adds certain auxiliary protective equipment, and modifies the design of the existing protection system to upgrade functionality. This project enhances generating reliability by adding protective relays to generating systems, since generator protective relaying at the Ross, Diablo, and Gorge plants do not meet present IEEE Standards. This project limits the potential for damage when surges and faults occur in transmission lines due to lightning strikes, load rejections, and other unexpected events. It enhances protection for some equipment faults, which could lead to fire or additional equipment damage, which thereby eliminates generator outages, lost revenues due to loss of generation, longer time to repair, and in some cases, personnel injury.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,994	343	297	0	0	0	0	0	2,634
<b>Total:</b>	1,994	343	297	0	0	0	0	0	2,634
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,994	343	297	0	0	0	0	0	2,634
<b>Total*:</b>	1,994	343	297	0	0	0	0	0	2,634
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		236	297	0	0	0	0	0	533
<b>Total:</b>		236	297	0	0	0	0	0	533

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

### 2013 - 2018 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 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 service. 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	31,578	6,095	5,468	5,609	6,122	6,267	6,424	6,584	74,147
<b>Total:</b>	31,578	6,095	5,468	5,609	6,122	6,267	6,424	6,584	74,147
<b>Fund Appropriations/Allocations</b>									
City Light Fund	31,578	6,095	5,468	5,609	6,122	6,267	6,424	6,584	74,147
<b>Total*:</b>	31,578	6,095	5,468	5,609	6,122	6,267	6,424	6,584	74,147
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		6,284	5,468	5,609	6,122	6,267	6,424	6,584	42,758
<b>Total:</b>		6,284	5,468	5,609	6,122	6,267	6,424	6,584	42,758

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

### 2013 - 2018 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 adds 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 funds the coordination, design, and construction work by project managers, engineers, and crews. The project allows the City of Seattle to be in compliance with several design and construction agreements between City of Seattle and Sound Transit.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	47,370	29	6	172	0	0	0	0	47,577
<b>Total:</b>	47,370	29	6	172	0	0	0	0	47,577
<b>Fund Appropriations/Allocations</b>									
City Light Fund	47,370	29	6	172	0	0	0	0	47,577
<b>Total*:</b>	47,370	29	6	172	0	0	0	0	47,577
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	6	172	0	0	0	0	178
<b>Total:</b>		0	6	172	0	0	0	0	178

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	65	42	190	1,113	39	0	0	1,449
<b>Total:</b>	0	65	42	190	1,113	39	0	0	1,449
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	65	42	190	1,113	39	0	0	1,449
<b>Total*:</b>	0	65	42	190	1,113	39	0	0	1,449
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		36	42	190	1,113	39	0	0	1,420
<b>Total:</b>		36	42	190	1,113	39	0	0	1,420

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### 2013 - 2018 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>	Q4/2016
<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 allows the City of Seattle to fulfill design and construction agreements with Sound Transit to support construction of the North Link light rail line to Northgate. This project includes utility relocation and feeder construction in support of the transportation project.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	84	263	3,174	2,900	535	1,820	0	0	8,776
<b>Total:</b>	84	263	3,174	2,900	535	1,820	0	0	8,776
<b>Fund Appropriations/Allocations</b>									
City Light Fund	84	263	3,174	2,900	535	1,820	0	0	8,776
<b>Total*:</b>	84	263	3,174	2,900	535	1,820	0	0	8,776
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		301	3,174	2,900	535	1,820	0	0	8,730
<b>Total:</b>		301	3,174	2,900	535	1,820	0	0	8,730

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,916	8,001	196	0	0	0	0	0	11,113
<b>Total:</b>	2,916	8,001	196	0	0	0	0	0	11,113
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,916	8,001	196	0	0	0	0	0	11,113
<b>Total*:</b>	2,916	8,001	196	0	0	0	0	0	11,113
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		111	4,285	0	0	0	0	0	4,396
<b>Total:</b>		111	4,285	0	0	0	0	0	4,396

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## 2013 - 2018 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>	New Facility	<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 project funds the purchase of special work equipment, machinery and tools to be used for the activities or operations of the Generation Branch, which include all the Utility's generating sites. Purchases are based on a five-year plan, updated for technological improvements.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11,366	1,282	909	932	955	981	1,005	1,031	18,461
<b>Total:</b>	11,366	1,282	909	932	955	981	1,005	1,031	18,461
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,366	1,282	909	932	955	981	1,005	1,031	18,461
<b>Total*:</b>	11,366	1,282	909	932	955	981	1,005	1,031	18,461
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		673	909	932	955	981	1,005	1,031	6,486
<b>Total:</b>		673	909	932	955	981	1,005	1,031	6,486

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### 2013 - 2018 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>	Q4/2018
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	22,331	1,635	1,139	1,200	1,139	1,088	948	971	30,451
<b>Total:</b>	22,331	1,635	1,139	1,200	1,139	1,088	948	971	30,451
<b>Fund Appropriations/Allocations</b>									
City Light Fund	22,331	1,635	1,139	1,200	1,139	1,088	948	971	30,451
<b>Total*:</b>	22,331	1,635	1,139	1,200	1,139	1,088	948	971	30,451
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,281	1,139	1,200	1,139	1,088	948	971	7,766
<b>Total:</b>		1,281	1,139	1,200	1,139	1,088	948	971	7,766

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### 2013 - 2018 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	952	21	155	169	309	316	324	332	2,578
<b>Total:</b>	952	21	155	169	309	316	324	332	2,578
<b>Fund Appropriations/Allocations</b>									
City Light Fund	952	21	155	169	309	316	324	332	2,578
<b>Total*:</b>	952	21	155	169	309	316	324	332	2,578
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	155	169	309	316	324	332	1,605
<b>Total:</b>		0	155	169	309	316	324	332	1,605

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

### 2013 - 2018 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 project will replace 1603 (or 33%) 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. This project will provide the engineering resources needed to prioritize replacements, develop estimates, and manage and track construction. Emphasis will be placed on standardization of fixtures, construction materials, and construction methods. These efforts will be coordinated with loop radial underground replacement projects where possible and the utility will seek opportunities to leverage funds with other city departments and private developments. This project will also look at cost sharing with affected neighborhoods in order to fund the replacement of the streetlight system in the area.

		LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		0	0	1,995	2,995	3,065	3,137	3,216	3,296	17,704
<b>Total:</b>		0	0	1,995	2,995	3,065	3,137	3,216	3,296	17,704
<b>Fund Appropriations/Allocations</b>										
City Light Fund		0	0	1,995	2,995	3,065	3,137	3,216	3,296	17,704
<b>Total*:</b>		0	0	1,995	2,995	3,065	3,137	3,216	3,296	17,704
<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.*

### 2013 - 2018 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. Through 2011, 20,000 cobrahead residential fixtures have been installed. In 2012, residential conversion will take place from the southern border of City Light's service area to Brandon St. The 2013 conversion effort includes residential and minor collector arterials in Zone 2 (250 watt High Pressure Sodium replacements), from Brandon St to Denny Way. Complete conversion of the residential streetlights completion anticipated by the end of 2014. Arterial cobrahead luminaire conversion will continue through 2017. Ornamental LED conversion anticipated through 2021.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,297	5,718	4,515	5,019	5,135	5,257	5,388	5,523	43,852
<b>Total:</b>	7,297	5,718	4,515	5,019	5,135	5,257	5,388	5,523	43,852
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7,297	5,718	4,515	5,019	5,135	5,257	5,388	5,523	43,852
<b>Total*:</b>	7,297	5,718	4,515	5,019	5,135	5,257	5,388	5,523	43,852
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,111	4,754	5,019	5,135	5,257	5,388	5,523	36,187
<b>Total:</b>		5,111	4,754	5,019	5,135	5,257	5,388	5,523	36,187

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

### 2013 - 2018 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 project provides streetlighting as requested by various taxing jurisdictions and other customers. This project enhances public safety and transportation.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,071	3,263	2,990	3,057	3,128	3,202	3,282	3,364	35,357
<b>Total:</b>	13,071	3,263	2,990	3,057	3,128	3,202	3,282	3,364	35,357
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,071	3,263	2,990	3,057	3,128	3,202	3,282	3,364	35,357
<b>Total*:</b>	13,071	3,263	2,990	3,057	3,128	3,202	3,282	3,364	35,357
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,853	2,990	3,057	3,128	3,202	3,282	3,364	21,876
<b>Total:</b>		2,853	2,990	3,057	3,128	3,202	3,282	3,364	21,876

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### 2013 - 2018 Proposed Capital Improvement Program

**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 project replaces and upgrades substation automation systems including Remote Terminal Units (RTU) and annunciators in each of SCL's fourteen substations, upgrading equipment at two substations annually. The project reduces the likelihood of and length of system outages due to their failure as the current equipment is wearing out and cannot be replaced in kind because the equipment is no longer manufactured. The project enhances reliability by increasing the capacity to address the needs of added substation sensors and controls, offering the computerized capabilities of new technology, supporting automation of the distribution system feeders radiating from the substations, increasing speed to meet the speed requirements of new control applications, and supporting modern demands of sophisticated asset management of expensive high-voltage equipment. The Project also enhances energy efficiency, and reduces the probability of fines from the appropriate governing body/bodies if loss of a substation due to equipment failure causes instability of the Western interconnection grid and/or loss of load.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	213	1,808	1,024	1,044	855	875	897	920	7,636
<b>Total:</b>	213	1,808	1,024	1,044	855	875	897	920	7,636
<b>Fund Appropriations/Allocations</b>									
City Light Fund	213	1,808	1,024	1,044	855	875	897	920	7,636
<b>Total*:</b>	213	1,808	1,024	1,044	855	875	897	920	7,636
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		505	1,024	1,044	855	875	897	920	6,120
<b>Total:</b>		505	1,024	1,044	855	875	897	920	6,120

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

**2013 - 2018 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 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. The project enhances system reliability by replacing aging substation circuit breakers before they fail in service.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11,644	4,549	3,467	3,061	5,118	4,642	5,963	3,957	42,401
<b>Total:</b>	11,644	4,549	3,467	3,061	5,118	4,642	5,963	3,957	42,401
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,644	4,549	3,467	3,061	5,118	4,642	5,963	3,957	42,401
<b>Total*:</b>	11,644	4,549	3,467	3,061	5,118	4,642	5,963	3,957	42,401
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,427	3,467	3,061	5,118	4,642	5,963	3,957	28,635
<b>Total:</b>		2,427	3,467	3,061	5,118	4,642	5,963	3,957	28,635

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

### 2013 - 2018 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 project adds new infrastructure to existing substations and systems. This project adds capacity to existing substations to meet increasing load demands. This project enhances safety, reliability, and efficiency in the transmission of power from the substations to the distribution system.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,630	1,531	1,127	1,291	1,773	1,715	1,437	1,476	15,980
<b>Total:</b>	5,630	1,531	1,127	1,291	1,773	1,715	1,437	1,476	15,980
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,630	1,531	1,127	1,291	1,773	1,715	1,437	1,476	15,980
<b>Total*:</b>	5,630	1,531	1,127	1,291	1,773	1,715	1,437	1,476	15,980
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		893	1,127	1,291	1,773	1,715	1,437	1,476	9,712
<b>Total:</b>		893	1,127	1,291	1,773	1,715	1,437	1,476	9,712

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

### 2013 - 2018 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>	Q4/2018
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,442	0	546	312	194	199	204	209	4,106
<b>Total:</b>	2,442	0	546	312	194	199	204	209	4,106
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,442	0	546	312	194	199	204	209	4,106
<b>Total*:</b>	2,442	0	546	312	194	199	204	209	4,106
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,442	546	312	194	199	204	209	3,106
<b>Total:</b>		1,442	546	312	194	199	204	209	3,106

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

### 2013 - 2018 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 project adds, replaces, and upgrades substation equipment, particularly the substation electrical and control equipment. The project maintains or improves system reliability, permits compliance with high voltage and environmental regulations, and ensures safe work sites. The project allows remote control and monitoring of substation equipment from the System Control Center, which facilitates faster response time to correct system instability or outages.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	40,244	3,965	4,183	5,019	7,125	4,443	5,184	5,313	75,476
<b>Total:</b>	40,244	3,965	4,183	5,019	7,125	4,443	5,184	5,313	75,476
<b>Fund Appropriations/Allocations</b>									
City Light Fund	40,244	3,965	4,183	5,019	7,125	4,443	5,184	5,313	75,476
<b>Total*:</b>	40,244	3,965	4,183	5,019	7,125	4,443	5,184	5,313	75,476
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,545	4,183	5,019	7,125	4,443	5,184	5,313	33,812
<b>Total:</b>		2,545	4,183	5,019	7,125	4,443	5,184	5,313	33,812

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### 2013 - 2018 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,891	1,093	767	699	905	888	910	933	13,086
<b>Total:</b>	6,891	1,093	767	699	905	888	910	933	13,086
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,891	1,093	767	699	905	888	910	933	13,086
<b>Total*:</b>	6,891	1,093	767	699	905	888	910	933	13,086
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		267	767	699	905	888	910	933	5,369
<b>Total:</b>		267	767	699	905	888	910	933	5,369

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

### 2013 - 2018 Proposed Capital Improvement Program

# Seattle City Light

## Summit FinMap Upgrade - City Light

**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:** 9961      **End Date:** Q4/2014

**Location:**

**Neighborhood Plan:** Not in Neighborhood Plan      **Neighborhood Plan Matrix:**

**Neighborhood District:**      **Urban Village:**

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 Peoplesoft software upgrade is managed by the City, the final proposal and decision to move forward is external to City Light.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1,200	1,274	0	0	0	0	2,474
<b>Total:</b>	0	0	1,200	1,274	0	0	0	0	2,474
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	1,200	1,274	0	0	0	0	2,474
<b>Total*:</b>	0	0	1,200	1,274	0	0	0	0	2,474
<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.*

### 2013 - 2018 Proposed Capital Improvement Program



# Seattle City Light

## Technical Training Center Development

<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>	Q1/2013
<b>Project ID:</b>	9230	<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 a new technical training facility 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.

The Technical training center will allow Seattle City Light to consolidate the delivery of all apprenticeship training, journey-level skills enhancement training, field and online safety training, Commercial Drivers License training and other technical training activities.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	4,832	1,828	251	0	0	0	6,911
<b>Total:</b>	0	0	4,832	1,828	251	0	0	0	6,911
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	4,832	1,828	251	0	0	0	6,911
<b>Total*:</b>	0	0	4,832	1,828	251	0	0	0	6,911
<b>O &amp; M Costs (Savings)</b>			0	0	138	138	138	138	552
<b>Spending Plan by Fund</b>									
City Light Fund		0	863	4,505	1,543	0	0	0	6,911
<b>Total:</b>		0	863	4,505	1,543	0	0	0	6,911

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

### 2013 - 2018 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 "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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	260	0	0	0	0	0	260
<b>Total:</b>	0	0	260	0	0	0	0	0	260
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	260	0	0	0	0	0	260
<b>Total*:</b>	0	0	260	0	0	0	0	0	260
<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.*

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	42	0	0	0	0	0	42
<b>Total:</b>	0	0	42	0	0	0	0	0	42
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	42	0	0	0	0	0	42
<b>Total*:</b>	0	0	42	0	0	0	0	0	42
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

# 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 Outage Management System requires this customer to system connectivity information to efficiently locate and manage outages. 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 project ensures that SCL can meet the expectations of fully utilizing our system capacity.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	616	554	314	0	0	0	0	1,484
<b>Total:</b>	0	616	554	314	0	0	0	0	1,484
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	616	554	314	0	0	0	0	1,484
<b>Total*:</b>	0	616	554	314	0	0	0	0	1,484
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,044	554	314	0	0	0	0	1,912
<b>Total:</b>		1,044	554	314	0	0	0	0	1,912

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

### 2013 - 2018 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 project builds or replaces communications infrastructure consisting of fiber optic rings, digital microwave, telephone networks and two-way radio systems. This project provides City Light with command and control capabilities for the operation of the electrical system. This project ensures the safe, reliable and efficient operation of the system and positions SCL to meet the Federal Energy Regulatory Commission's vital communications systems requirements.

	<b>LTD Actuals</b>	<b>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	10,448	863	2,009	506	433	443	454	465	15,621
<b>Total:</b>	10,448	863	2,009	506	433	443	454	465	15,621
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,448	863	2,009	506	433	443	454	465	15,621
<b>Total*:</b>	10,448	863	2,009	506	433	443	454	465	15,621
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,868	2,009	506	433	443	454	465	6,178
<b>Total:</b>		1,868	2,009	506	433	443	454	465	6,178

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

### 2013 - 2018 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 project upgrades transmission lines, builds new lines, relocates lines and provides for other system needs related to the transmission system. The project enhances City Light's transmission capacity, which is the available power capacity to meet the load on the transmission system.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11,575	22	50	24	24	25	25	26	11,771
<b>Total:</b>	11,575	22	50	24	24	25	25	26	11,771
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,575	22	50	24	24	25	25	26	11,771
<b>Total*:</b>	11,575	22	50	24	24	25	25	26	11,771
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		70	50	24	24	25	25	26	244
<b>Total:</b>		70	50	24	24	25	25	26	244

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

## 2013 - 2018 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,248	559	642	525	510	522	535	549	5,090
<b>Total:</b>	1,248	559	642	525	510	522	535	549	5,090
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,248	559	642	525	510	522	535	549	5,090
<b>Total*:</b>	1,248	559	642	525	510	522	535	549	5,090
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		984	642	525	510	522	535	549	4,267
<b>Total:</b>		984	642	525	510	522	535	549	4,267

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	227	231	6,604	6,665	0	0	13,727
<b>Total:</b>	0	0	227	231	6,604	6,665	0	0	13,727
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	227	231	6,604	6,665	0	0	13,727
<b>Total*:</b>	0	0	227	231	6,604	6,665	0	0	13,727
<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.*

### 2013 - 2018 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 reconductoring 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	217	209	1,288	3,968	581	0	6,263
<b>Total:</b>	0	0	217	209	1,288	3,968	581	0	6,263
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	217	209	1,288	3,968	581	0	6,263
<b>Total*:</b>	0	0	217	209	1,288	3,968	581	0	6,263
<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.*

### 2013 - 2018 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 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. The project enhances substation reliability, improves operations, and permits SCL to meet the National Electric Reliability Council/Western Electricity Coordinating Council reliability criteria.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	10,345	3,436	3,467	2,517	2,502	2,561	2,625	2,691	30,144
<b>Total:</b>	10,345	3,436	3,467	2,517	2,502	2,561	2,625	2,691	30,144
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,345	3,436	3,467	2,517	2,502	2,561	2,625	2,691	30,144
<b>Total*:</b>	10,345	3,436	3,467	2,517	2,502	2,561	2,625	2,691	30,144
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,812	3,467	2,517	2,502	2,561	2,625	2,691	21,175
<b>Total:</b>		4,812	3,467	2,517	2,502	2,561	2,625	2,691	21,175

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

### 2013 - 2018 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	10,063	2,650	2,657	3,614	3,536	2,517	2,499	2,793	30,329
<b>Total:</b>	10,063	2,650	2,657	3,614	3,536	2,517	2,499	2,793	30,329
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,063	2,650	2,657	3,614	3,536	2,517	2,499	2,793	30,329
<b>Total*:</b>	10,063	2,650	2,657	3,614	3,536	2,517	2,499	2,793	30,329
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,714	2,657	3,614	3,536	2,517	2,499	2,793	20,330
<b>Total:</b>		2,714	2,657	3,614	3,536	2,517	2,499	2,793	20,330

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## 2013 - 2018 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 project relocates Seattle City Light-owned streetlights as required by City of Seattle transportation projects. The project facilitates transportation projects and reduces delays to the public.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,703	1,445	922	2,569	1,622	1,750	1,794	1,839	16,644
<b>Total:</b>	4,703	1,445	922	2,569	1,622	1,750	1,794	1,839	16,644
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,703	1,445	922	2,569	1,622	1,750	1,794	1,839	16,644
<b>Total*:</b>	4,703	1,445	922	2,569	1,622	1,750	1,794	1,839	16,644
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,492	922	2,569	1,622	1,750	1,794	1,839	11,988
<b>Total:</b>		1,492	922	2,569	1,622	1,750	1,794	1,839	11,988

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### 2013 - 2018 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 project replaces the 4kV electrical equipment remaining in the electrical distribution system with new, efficient and reliable 26kV 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>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	4,224	2,211	855	1,376	1,714	1,536	1,130	1,332	14,378
<b>Total:</b>	4,224	2,211	855	1,376	1,714	1,536	1,130	1,332	14,378
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,224	2,211	855	1,376	1,714	1,536	1,130	1,332	14,378
<b>Total*:</b>	4,224	2,211	855	1,376	1,714	1,536	1,130	1,332	14,378
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,759	855	1,376	1,714	1,536	1,130	1,332	10,702
<b>Total:</b>		2,759	855	1,376	1,714	1,536	1,130	1,332	10,702

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### 2013 - 2018 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 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 and is for their direct benefit. City Light is reimbursed by the customers for this work. This project enhances distribution system capacity and maintains reliability so that City Light has sufficient capacity to serve its customers.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,179	3,150	1,819	2,078	1,879	1,922	1,972	2,018	28,017
<b>Total:</b>	13,179	3,150	1,819	2,078	1,879	1,922	1,972	2,018	28,017
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,179	3,150	1,819	2,078	1,879	1,922	1,972	2,018	28,017
<b>Total*:</b>	13,179	3,150	1,819	2,078	1,879	1,922	1,972	2,018	28,017
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,904	1,819	2,078	1,879	1,922	1,972	2,018	15,592
<b>Total:</b>		3,904	1,819	2,078	1,879	1,922	1,972	2,018	15,592

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### 2013 - 2018 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 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 outage or interruption of service due to equipment failure.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,902	3,552	3,963	7,180	5,129	4,939	3,617	3,722	38,004
<b>Total:</b>	5,902	3,552	3,963	7,180	5,129	4,939	3,617	3,722	38,004
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,902	3,552	3,963	7,180	5,129	4,939	3,617	3,722	38,004
<b>Total*:</b>	5,902	3,552	3,963	7,180	5,129	4,939	3,617	3,722	38,004
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,344	3,963	7,180	5,129	4,939	3,617	3,722	30,894
<b>Total:</b>		2,344	3,963	7,180	5,129	4,939	3,617	3,722	30,894

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### 2013 - 2018 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 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. The project ensures that customers' electric power is restored as quickly as possible.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	14,684	784	1,372	1,518	1,437	1,475	1,513	1,550	24,333
<b>Total:</b>	14,684	784	1,372	1,518	1,437	1,475	1,513	1,550	24,333
<b>Fund Appropriations/Allocations</b>									
City Light Fund	14,684	784	1,372	1,518	1,437	1,475	1,513	1,550	24,333
<b>Total*:</b>	14,684	784	1,372	1,518	1,437	1,475	1,513	1,550	24,333
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,668	1,372	1,518	1,437	1,475	1,513	1,550	10,533
<b>Total:</b>		1,668	1,372	1,518	1,437	1,475	1,513	1,550	10,533

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## 2013 - 2018 Proposed Capital Improvement Program



**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 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. City Light customers pay for a portion of this work. This project adds capacity to the distribution system to maintain the reliability level for the existing customers on the system and accommodate the increased load from new services.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	15,497	2,107	3,020	2,385	2,276	2,331	2,390	2,447	32,453
<b>Total:</b>	15,497	2,107	3,020	2,385	2,276	2,331	2,390	2,447	32,453
<b>Fund Appropriations/Allocations</b>									
City Light Fund	15,497	2,107	3,020	2,385	2,276	2,331	2,390	2,447	32,453
<b>Total*:</b>	15,497	2,107	3,020	2,385	2,276	2,331	2,390	2,447	32,453
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,102	3,020	2,385	2,276	2,331	2,390	2,447	16,951
<b>Total:</b>		2,102	3,020	2,385	2,276	2,331	2,390	2,447	16,951

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**2013 - 2018 Proposed Capital Improvement Program**

**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

The project increases Union Street Substation network capacity. It funds a programmatic approach for 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. This project provides sufficient and reliable electrical capacity for the growing power needs of City Light's customers.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	21,064	1,508	2,689	1,676	2,205	2,257	2,314	2,371	36,084
<b>Total:</b>	21,064	1,508	2,689	1,676	2,205	2,257	2,314	2,371	36,084
<b>Fund Appropriations/Allocations</b>									
City Light Fund	21,064	1,508	2,689	1,676	2,205	2,257	2,314	2,371	36,084
<b>Total*:</b>	21,064	1,508	2,689	1,676	2,205	2,257	2,314	2,371	36,084
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,219	2,689	1,676	2,205	2,257	2,314	2,371	15,731
<b>Total:</b>		2,219	2,689	1,676	2,205	2,257	2,314	2,371	15,731

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**2013 - 2018 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 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. This project increases electrical capacity and reliability for University customers in response to increased customer demand. It reduces the probability of cable failures and long costly customer outages.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	371	523	391	373	409	420	2,487
<b>Total:</b>	0	0	371	523	391	373	409	420	2,487
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	371	523	391	373	409	420	2,487
<b>Total*:</b>	0	0	371	523	391	373	409	420	2,487
<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.*

**2013 - 2018 Proposed Capital Improvement Program**

# Seattle City Light

## Vehicle 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>	Q4/2018
<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 replaces 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	72,198	12,731	7,779	8,521	4,556	4,798	3,313	4,402	118,298
<b>Total:</b>	72,198	12,731	7,779	8,521	4,556	4,798	3,313	4,402	118,298
<b>Fund Appropriations/Allocations</b>									
City Light Fund	72,198	12,731	7,779	8,521	4,556	4,798	3,313	4,402	118,298
<b>Total*:</b>	72,198	12,731	7,779	8,521	4,556	4,798	3,313	4,402	118,298
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		9,320	7,779	8,521	4,556	4,798	3,313	4,402	42,689
<b>Total:</b>		9,320	7,779	8,521	4,556	4,798	3,313	4,402	42,689

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

### 2013 - 2018 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>	Q4/2019
<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 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.

	<b>LTD Actuals</b>	<b>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	17,105	8,256	9,823	7,076	9,023	10,319	10,459	10,655	82,716
<b>Total:</b>	17,105	8,256	9,823	7,076	9,023	10,319	10,459	10,655	82,716
<b>Fund Appropriations/Allocations</b>									
City Light Fund	17,105	8,256	9,823	7,076	9,023	10,319	10,459	10,655	82,716
<b>Total*:</b>	17,105	8,256	9,823	7,076	9,023	10,319	10,459	10,655	82,716
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		8,213	9,823	7,076	9,023	10,319	10,459	10,655	65,568
<b>Total:</b>		8,213	9,823	7,076	9,023	10,319	10,459	10,655	65,568

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

## 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	24,518	12,082	1,823	0	0	0	0	0	38,423
<b>Total:</b>	24,518	12,082	1,823	0	0	0	0	0	38,423
<b>Fund Appropriations/Allocations</b>									
City Light Fund	24,518	12,082	1,823	0	0	0	0	0	38,423
<b>Total*:</b>	24,518	12,082	1,823	0	0	0	0	0	38,423
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		11,563	2,479	0	0	0	0	0	14,042
<b>Total:</b>		11,563	2,479	0	0	0	0	0	14,042

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

### 2013 - 2018 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>	Q4/2018
<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 funds alterations that preserve workplace efficiency. The project focuses on adapting interior building elements to support business processes and procedures of occupant work groups. Flooring replacements, interior remodeling, computer network cabling upgrades, uninterruptible power systems and computer flooring are examples of work that might be undertaken by this project.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,882	61	1,310	1,346	1,026	1,163	1,076	108	7,972
<b>Total:</b>	1,882	61	1,310	1,346	1,026	1,163	1,076	108	7,972
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,882	61	1,310	1,346	1,026	1,163	1,076	108	7,972
<b>Total*:</b>	1,882	61	1,310	1,346	1,026	1,163	1,076	108	7,972
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		505	1,310	1,346	1,026	1,163	1,076	108	6,534
<b>Total:</b>		505	1,310	1,346	1,026	1,163	1,076	108	6,534

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

## 2013 - 2018 Proposed Capital Improvement Program





**SPU -  
DRAINAGE AND  
WASTEWATER**



### Overview

Seattle Public Utilities (SPU) is responsible for maintaining 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

\* Based on Permitted Use. In past years the statistics for Sanitary Sewers and Combined Sewers were determined based on “Probable Flow”, which is a designation used by GIS and engineers for planning purposes and is not a precise classification used for issuing permits. “Permitted Use” is a better measure for statistical data and more accurate because this classification is used by the Department of Planning and Development (DPD) for issuing connection permits.

The Drainage and Wastewater (DWF) CIP is the vehicle for rehabilitating, replacing, improving and expanding this infrastructure, as well as constructing projects that protect, conserve, and enhance our region’s environmental resources. Planned spending in the DWF CIP is approximately \$525 million 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. By 2007, 25% of total CIP costs were funded by a cash contribution, with the remaining capital needs being debt financed. Overhead costs for the CIP are budgeted in the SPU operating fund and are reimbursed as CIP expenditures are incurred. DWF rates are currently being reviewed by Council for the three-year period of 2013-2015.

### 2013-2018 CIP

The Drainage and Wastewater CIP addresses the challenge of managing large priority projects while still accomplishing Mayoral priorities and complying with U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (DOE) National Pollutant Discharge Elimination System (NPDES) permits - all within the financial limitations of the fund.

The City of Seattle negotiated a consent decree this year between the City, the EPA, and the DOE for compliance with the Clean Water Act and state regulations. This requirement will drive spending in the Combined Sewer Overflows (CSO) Reduction Program over the next several years. Additionally, an NPDES permit for stormwater, granted by the State government in 2007, 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 detention, treatment, CSO retrofits and reductions, and Green Stormwater Infrastructure (GSI).

Detention is the storage of stormwater during a rainfall event and can be accomplished through detention ponds, underground tanks or through infiltration into the ground. Detention can be added to the drainage system to offset the impacts of larger storms that overwhelm the conveyance capacity of the combined

## SPU – Drainage and Wastewater

sewer system and can result in backups of sewage, localized flooding and releases of untreated sewage. Treatment is the removal of pollutants and can be accomplished through infiltration or the use of technology such as specialized media filters. CSO reductions are focused on optimizing the existing collection system using low-cost retrofits and constructing large underground storage facilities to reduce overflows to waterways. GSI is the use of green solutions to help reduce overflows by allowing stormwater to infiltrate slowly into the ground and cutting the volume of stormwater entering the system. GSI includes specific treatments that rely on specialized soils and plants that provide flow control and/or water quality benefits. The use of GSI is required through Seattle's NPDES permit and Stormwater Code.

CIP funding is also needed to improve the existing drainage system so that residents experience less flooding and fewer sewage backups. Sewer backups are prohibited and considered by regulators to be a violation of our federal permits. Prudent investment in capital projects and maintenance moves SPU closer to meeting this standard, and this performance level benefits ratepayers by avoiding costly fines and damages.

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 local 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 30 billion gallons per year in 1970 to less than 100 million gallons per year today, SPU is still not meeting regulatory 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 U.S. Department of Justice on behalf of the U.S. Environmental Protection Agency and the Washington State Department of Ecology finalized a consent decree describing measures U.S. Justice 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 these permit requirements.

SPU is expected to spend approximately \$215 million over the next six years (2013-2018) 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. SPU must also maintain an active partnership with King County to operate the wastewater system and plan for potential joint CSO reduction projects.

The Drainage and Wastewater CIP must also ensure basic service level programs, such as flooding and system capacity, are not stripped of funding as 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

## SPU – Drainage and Wastewater

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 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 in stream 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.

### 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. SPU also actively seeks grants and low interest loans. Recently awarded grants include two low-interest loans from the Washington State Department of Ecology's (DOE) Water Pollution Control Revolving Fund. These loans will help fund construction of the Capitol Hill Water Quality project and South Park Pump Station project. These loans are set at a lower interest rate than what SPU can borrow or issue debt and offset the need to draw down extra dollars from SPU's construction fund.

DWF rates are currently being reviewed by Council for the three-year period of 2013-2015.

### Thematic Priorities and Project Selection

Many Drainage and Wastewater CIP projects are outlined in the Wastewater System Plan, the Combined Sewer Overflow Reduction Plan, and the Comprehensive Drainage Plan. SPU staff consider three main criteria when prioritizing work: public health and safety (for example, safety from flooding during storm events, such as the Madison Valley Long Term Solution and the North 107<sup>th</sup> Street and Midvale North Drainage projects); environmental protection and regulatory compliance (such as investments to comply with the NPDES CSO Permit); and, Mayor and Council priorities (such as the Venema Natural Drainage System and the Capital Hill Water Quality Facility where green stormwater infrastructure will be used to reduce stormwater impacts while contributing to meeting sustainability goals).

SPU's capital planners identify candidate CIP projects through an awareness of ongoing planning processes (e.g. comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events that indicate specific investments are possibly recommended. SPU's Asset Management system then provides rigorous analysis of projects, using a business case process that establishes whether a problem or opportunity is timely and important, and whether the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental and social) of life cycle costs and benefits – or is a “must do” project (e.g. required by regulation).

## SPU – Drainage and Wastewater

After candidate projects have been identified, SPU prioritizes its projects for inclusion in the CIP 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 South 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 the 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.
- **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. Priority rankings for the CIP are determined by the leads for each Line of Business, with review by key internal stakeholders. The ranking scheme and criteria are the same for all Lines of Business, 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. This process can also result in project scope changes, as more cost-effective approaches to meeting the business need are identified.

### CIP Expenditures by Major Categories

**CIP Spending by Major Category**  
(in ‘000s)

<b>Drainage and Wastewater Fund</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Protection of Beneficial Uses	\$5,108	\$5,142	\$4,323	\$5,222	\$2,734	\$3,083	\$25,611

### 2013 - 2018 Proposed Capital Improvement Program

## SPU – Drainage and Wastewater

<b>Drainage and Wastewater Fund</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Sediments	\$1,679	\$2,050	\$1,561	\$797	\$797	\$797	\$7,681
Combined Sewer Overflows	\$43,834	\$49,202	\$36,144	\$44,210	\$18,222	\$23,087	\$214,699
Rehabilitation	\$9,191	\$8,770	\$9,950	\$12,850	\$13,224	\$13,102	\$67,086
Flooding, Sewer Backup and Landslides	\$16,710	\$17,201	\$7,173	\$16,360	\$26,700	\$25,660	\$109,804
Shared Cost Projects	\$10,728	\$11,395	\$8,179	\$12,873	\$10,459	\$10,415	\$64,050
Technology	\$8,880	\$7,613	\$5,154	\$4,720	\$4,821	\$4,942	\$36,129
<b>Total</b>	<b>\$96,131</b>	<b>\$101,373</b>	<b>\$72,484</b>	<b>\$97,032</b>	<b>\$76,956</b>	<b>\$81,085</b>	<b>\$525,061</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 2013 and 2014 will be focused on two cost effective stormwater projects: the Venema Creek Natural Drainage System project and the Capitol Hill Water Quality project. Both of these projects were cancelled in 2009 due to financial constraints, but have since been re-instated. Capital funding is also included to support the Knickerbocker Floodplain Improvement project, which was included in the 2012 2<sup>nd</sup> Quarter Supplemental.

Decreases in the **Protection of Beneficial Uses BCL** in 2013, compared to amounts adopted in 2012 in the 2012-2017 CIP, are primarily the result of the Venema Creek Natural Drainage System project. In 2012, schedule delays driven by community and design concerns shifted project construction costs from 2012-2013 to 2014-2015.

**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.

Decreases in the **Sediments BCL** for 2013, compared to amounts adopted in 2012 in the 2012-2017 CIP, reflect the latest schedule and estimates based on negotiations and agreements between parties for proposed actions needed.

**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 2013 Budget include

## SPU – Drainage and Wastewater

the Windermere, South Genesee and South 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 2012 in the 2012-2017 CIP, the **Combined Sewer Overflows BCL** is decreasing in 2013 by \$9.4 million reflecting revisions primarily due to the cash flow and schedules for the Windermere and S. Genesee CSO projects. Adjustments for Windermere are the result of delayed construction that was planned to start in April 2012; however, the project experienced permitting delays that have since been resolved. Construction contracts were signed in July 2012, and construction is starting September 2012. The result is a shift of \$7 million from 2012 based on projected spending compared to the adopted CIP amount, a \$7 million decrease compared to the endorsed amount in 2013, followed by a \$17 million increase in 2014. Overall project costs have increased 19% due to increased construction costs determined as design progressed and the project became more defined. The original estimates for S. Genesee were based on high-level planning work, and have been refined to reflect the chosen alternative.

**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 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.

Decreases in the **Rehabilitation BCL** for 2013, compared to amounts adopted in 2012 in the 2012-2017 CIP, are driven by the Pump Station and Force Main Improvements program and the Point Sewer Pipe Rehabilitation program. Reductions of \$1.3 million in 2013 in the Pump Station and Force Main Improvements program reflect a recent CIP prioritization that cut the project portfolio to only the most critical projects during the proposed 3-year rate period. SPU will prioritize essential pump station and force main improvements that are highest risk or emergencies and make fewer replacements and upgrades. Similarly, reductions to the Point Sewer Pipe Rehabilitation program of \$2.8 million in 2013 were driven by the recent CIP prioritization process. SPU will use remaining available funds to rehabilitate those sites with the highest risk scores in addition to non-arterial, less complicated sites (e.g., emergencies at the connection, emergencies resulting from void inspections in the right-of-way, or short sections of shallow pipe).

**Flooding, Sewer Back-up, and Landslides:** This program is responsible for preventing and alleviating flooding and sewer backups in the City of Seattle, with a primary focus on the protection of public health, safety, and property. The program area is focused on planning, design, and construction of 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.

Decreased funding for the **Flooding, Sewer Back-up, and Landslides BCL** in 2013 compared with amounts adopted in 2012 in the 2012-2017 CIP will delay two projects. The total proposed decrease in 2013 of \$9.6 million is the result of the CIP prioritization to cut back to only the most critical projects. Approximately \$3 million of Culvert Replacement projects was moved out of 2013, only leaving funding to finish current projects in 2013. The Localized Flood Control program was reduced in 2013 proposed in order to focus on only the highest priority flood control projects. A decrease to 2013 Proposed



## SPU – Drainage and Wastewater

compared to 2012 Adopted in the South Park Pump Station project resulted from delays related to the re-evaluation of water quality treatment technology and how it impacts and relates to the integrated plan (coordination with other CSO projects). Additionally, the decision was made to fold the Inflow/Infiltration Control program into the programmatic Sanitary Sewer Overflow (SSO) Capacity program and subsequently push funding into 2014.

**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 2013, the Shared Cost program includes funding for a number of interdepartmental projects including the Alaskan Way Viaduct and Seawall Replacement, Mercer Corridor and Sound Transit University Link. Funding is also included for SPU's Heavy Equipment Purchases, the Integrated Control Monitoring Program and a number of smaller projects.

Reductions in the **Shared Cost Projects BCL** for 2013, compared to amounts adopted in 2012 in the 2012-2017 CIP, are driven by the Drainage and Wastewater Operations Relocation, the Mercer Corridor West Project and the Alaskan Way Viaduct (AWV) programs. The 2013-2018 Proposed CIP for AWV and Mercer Corridor West reflects the latest schedule and more refined cost estimates, which includes construction for the seawall and bored tunnel portals and associated utility relocation. Additionally, the Drainage and Wastewater Operations Relocation project was reduced in 2013 because the project was cancelled after an executive decision was made not to relocate the Drainage and Wastewater Operations Staff out of the Charles Street Complex due to the construction of the First Hill Streetcar maintenance shed.

**Technology:** This program category is presented in the separate "Technology CIP" section of SPU's 2013-2018 Proposed CIP. The 2013-2018 Proposed CIP increases the DWF technology CIP spending by \$1.5 million as compared to the 2012 Adopted Budget in the 2012-2017 Adopted CIP. The Drainage and Wastewater Utility's share of the overall 2013 Technology CIP increase is 36%, or \$1.5 million, based on the Drainage and Wastewater Utility's share of benefit from these projects. SPU will focus technology spending on the highest priority business needs. These include utility asset management (Maximo Upgrade/Technical Information Management), budget and financial management (Budget Planning and Forecasting, Summit Upgrade), customer contact and billing (Utility Customer Billing System/CCSS), and science and system performance (Internet-based Supervisory Control and Data Acquisition Information Management System (I-SCADA IMS) enhancements).

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

When appropriate, the projects in the Drainage and Wastewater CIP include operations and maintenance cost estimates. These estimates will be refined after project completion and will be included as part of SPU's future budget submittals. Additional stormwater and SCO facilities, both structural and green, will require growing levels of operations and maintenance support for inspection and maintenance.



## SPU-Drainage & Wastewater

### Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
<b>Protection of Beneficial Uses</b>									<b>C333B</b>
Best Management Practice Program (C3313)	3,090	50	40	729	1,000	2,539	2,252	2,302	12,003
Capitol Hill Water Quality Project (C3373)	1,657	2,724	2,478	335	198	2,472	481	780	11,125
Knickerbocker Floodplain Improvements (C3383)	0	0	1,540	78	0	0	0	0	1,618
Street Sweeping for Water Quality (C3363)	42	825	100	0	0	150	0	0	1,117
Taylor Creek Culvert Replacement (C3353)	1,573	100	450	3,000	125	60	0	0	5,308
Venema Creek Natural Drainage System (C3333)	1,674	1,101	500	1,000	3,000	0	0	0	7,275
<b>Protection of Beneficial Uses</b>	8,035	4,800	5,108	5,142	4,323	5,222	2,734	3,083	38,446
<b>Sediments</b>									<b>C350B</b>
Sediment Remediation - DWF (C3503)	32,552	5,595	1,679	2,050	1,561	797	797	797	45,828
<b>Sediments</b>	32,552	5,595	1,679	2,050	1,561	797	797	797	45,828
<b>Combined Sewer Overflows</b>									<b>C360B</b>
Combined Sewer Overflow Facility Retrofit (C3611)	8,856	3,654	3,024	3,516	3,258	1,104	0	0	23,411
Future CSO Projects (C3612)	0	0	0	0	0	4,705	9,806	19,312	33,823
Green Stormwater Infrastructure Program (C3610)	2,591	2,603	4,799	6,409	6,205	6,496	3,005	2,709	34,818
Long Term Control Plan (C3604)	22,186	7,315	4,517	2,908	2,252	2,000	0	0	41,177
S Genesee Combined Sewer Overflow (C3608)	6,928	1,507	8,120	11,537	2,373	0	0	0	30,466
S Henderson Combined Sewer Overflow Storage (C3609)	9,215	1,908	6,196	6,791	21,415	29,905	5,411	1,066	81,907
Windermere Combined Sewer Overflow Storage (C3605)	12,876	13,672	17,178	18,042	641	0	0	0	62,408
<b>Combined Sewer Overflows</b>	62,652	30,658	43,834	49,202	36,144	44,210	18,222	23,087	308,010
<b>Rehabilitation</b>									<b>C370B</b>
Emergency Rehabilitation (C3705)	6,899	2,640	1,980	1,820	3,000	2,000	2,044	2,088	22,470
No Dig Pipe & Maintenance Rehabilitation (C3707)	13,055	1,530	1,500	1,500	1,500	1,500	1,533	1,566	23,684
Outfall Rehabilitation Program (C3708)	0	510	0	0	0	300	400	0	1,210

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Point Sewer Pipe Rehabilitation (C3704)	36,456	4,947	3,900	3,900	3,900	6,300	6,437	6,577	72,418
Pump Station and Force Main Improvements (C3703)	6,415	2,766	1,560	1,300	1,300	2,500	2,555	2,610	21,005
Sewer Full Line Replacements (C3702)	349	230	250	250	250	250	255	261	2,096
<b>Rehabilitation</b>	63,174	12,623	9,190	8,770	9,950	12,850	13,224	13,102	142,883
<b>Flooding, Sewer Back-up, and Landslides</b>									<b>BCL/Program Code: C380B</b>
Broadview Long Term Plan (C3812)	0	2,000	2,500	2,000	2,000	6,000	7,000	2,000	23,500
Culvert Replacement Program (C3810)	1,615	1,837	440	700	950	5,000	5,000	5,000	20,541
Densmore Basin Drainage Improvements (C3803)	5,581	4,241	350	0	0	0	0	0	10,172
Inflow/Infiltration Control (C3807)	0	377	0	0	0	0	0	0	377
Localized Flood Control Program (C3802)	2,476	4,689	2,600	1,860	1,460	2,660	9,700	10,660	36,105
Madison Valley Long Term Solution (C3805)	27,702	1,920	250	0	0	0	0	0	29,872
Meadowbrook Pond Sediment Management (C3808)	347	1,500	135	31	0	0	0	0	2,013
Sanitary Sewer Overflow Capacity (C3804)	3,960	3,080	1,935	8,250	1,600	1,500	5,000	8,000	33,325
South Park Pump Station (C3806)	5,315	6,778	4,500	3,800	1,100	1,200	0	0	22,693
Thornton Confluence Improvement (C3811)	1,098	800	4,000	560	63	0	0	0	6,521
<b>Flooding, Sewer Back-up, and Landslides</b>	48,095	27,221	16,710	17,201	7,173	16,360	26,700	25,660	185,120
<b>Shared Cost Projects</b>									<b>BCL/Program Code: C410B</b>
1% for Art – DWF (C4118-DWF)	1,757	452	622	606	625	558	450	0	5,071
Alaskan Way Viaduct & Seawall Replacement Program - DWF (C4102-DWF)	7,488	1,530	3,107	5,291	3,104	6,085	6,332	6,661	39,596
Bridging the Gap - DWF (C4119-DWF)	184	1,137	500	500	500	500	1,436	1,454	6,211
Emergency Storms - DWF (C4120-DWF)	4,506	0	150	150	0	0	0	0	4,806
First Hill Streetcar - DWF (C4130-DWF)	0	0	0	0	0	0	0	0	0
Heavy Equipment Purchases - DWF (C4116-DWF)	8,283	1,706	1,525	1,725	2,000	3,200	0	0	18,440

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Integrated Control Monitoring Program - DWF (C4108-DWF)	9,664	1,613	1,050	500	250	500	500	500	14,577
Mercer Corridor Project East Phase - DWF (C4114-DWF)	5,629	1,010	795	0	0	0	0	0	7,433
Mercer Corridor Project West Phase - DWF (C4133-DWF)	81	335	629	494	89	0	0	0	1,628
Meter Replacement - DWF (C4101-DWF)	3,533	567	652	585	595	605	321	327	7,185
Operational Facility - Construction - DWF (C4106-DWF)	4,308	263	1,263	856	884	988	812	1,135	10,508
Operational Facility - Other - DWF (C4115-DWF)	329	6,381	75	150	0	0	0	0	6,936
Operations Control Center - DWF (C4105-DWF)	2,351	85	76	314	4	113	284	13	3,240
Other Major Transportation Projects - DWF (C4123-DWF)	1	10	0	0	0	0	0	0	12
Security Improvements - DWF (C4113-DWF)	1,006	148	21	36	22	249	249	250	1,982
Sound Transit - North Link - DWF (C4135-DWF)	0	88	72	75	75	75	75	75	534
Sound Transit – University Link - DWF (C4110-DWF)	297	98	191	113	30	0	0	0	729
<b>Shared Cost Projects</b>	49,417	15,422	10,728	11,395	8,179	12,873	10,459	10,415	128,888
<b>Technology</b>						<b>BCL/Program Code:</b>			<b>C510B</b>
Asset Information Management (C5407)	1,296	1,737	1,246	992	847	847	883	905	8,753
Customer Contact & Billing (C5402)	276	626	4,501	3,848	1,466	1,276	1,332	1,365	14,691
Enterprise Information Management (C5403)	41	218	259	226	231	225	172	176	1,548
IT Infrastructure (C5404)	909	600	848	557	637	733	722	740	5,746
Project Delivery & Performance (C5405)	941	1,047	1,150	1,296	1,262	929	969	993	8,586
Science & System Performance (C5406)	390	588	876	694	711	711	742	761	5,474
<b>Technology</b>	3,853	4,815	8,880	7,613	5,154	4,720	4,821	4,941	44,798
<b>Department Total*:</b>	267,777	101,134	96,131	101,373	72,484	97,032	76,956	81,085	893,972

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**



**SPU-Drainage & Wastewater**

**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Drainage and Wastewater Fund (44010)	267,777	101,134	96,131	101,373	72,484	97,032	76,956	81,085	893,972
<b>Department Total*:</b>	<b>267,777</b>	<b>101,134</b>	<b>96,131</b>	<b>101,373</b>	<b>72,484</b>	<b>97,032</b>	<b>76,956</b>	<b>81,085</b>	<b>893,972</b>

*\*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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
Drainage and Wastewater Rates		1,757	452	622	606	625	558	450	0	5,071
<b>Total:</b>		1,757	452	622	606	625	558	450	0	5,071
<b>Fund Appropriations/Allocations</b>										
Drainage and Wastewater Fund		1,757	452	622	606	625	558	450	0	5,071
<b>Total*:</b>		1,757	452	622	606	625	558	450	0	5,071
<b>O &amp; M Costs (Savings)</b>				51	51	51	51	51	51	304
<b>Spending Plan by Fund</b>										
Drainage and Wastewater Fund			443	622	606	625	558	450	0	3,305
<b>Total:</b>			443	622	606	625	558	450	0	3,305

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

### 2013 - 2018 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>	Q4/2018
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	7,488	1,530	3,107	5,291	3,104	6,085	6,332	6,661	39,596
<b>Total:</b>	7,488	1,530	3,107	5,291	3,104	6,085	6,332	6,661	39,596
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	7,488	1,530	3,107	5,291	3,104	6,085	6,332	6,661	39,596
<b>Total*:</b>	7,488	1,530	3,107	5,291	3,104	6,085	6,332	6,661	39,596
<b>O &amp; M Costs (Savings)</b>			406	406	406	406	406	406	2,433
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,537	3,107	5,291	3,104	6,085	6,332	6,661	32,115
<b>Total:</b>		1,537	3,107	5,291	3,104	6,085	6,332	6,661	32,115

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,090	50	40	729	1,000	2,539	2,252	2,302	12,003
<b>Total:</b>	3,090	50	40	729	1,000	2,539	2,252	2,302	12,003
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,090	50	40	729	1,000	2,539	2,252	2,302	12,003
<b>Total*:</b>	3,090	50	40	729	1,000	2,539	2,252	2,302	12,003
<b>O &amp; M Costs (Savings)</b>			97	97	97	97	97	97	582
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		83	40	729	1,000	2,539	2,252	2,302	8,946
<b>Total:</b>		83	40	729	1,000	2,539	2,252	2,302	8,946

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### 2013 - 2018 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>	Q4/2018
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	184	1,137	500	500	500	500	1,436	1,454	6,211
<b>Total:</b>	184	1,137	500	500	500	500	1,436	1,454	6,211
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	184	1,137	500	500	500	500	1,436	1,454	6,211
<b>Total*:</b>	184	1,137	500	500	500	500	1,436	1,454	6,211
<b>O &amp; M Costs (Savings)</b>			43	43	43	43	43	43	259
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		50	500	500	500	500	1,436	1,454	4,940
<b>Total:</b>		50	500	500	500	500	1,436	1,454	4,940

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
Drainage and Wastewater Rates		0	2,000	2,500	2,000	2,000	6,000	7,000	2,000	23,500
<b>Total:</b>		0	2,000	2,500	2,000	2,000	6,000	7,000	2,000	23,500
<b>Fund Appropriations/Allocations</b>										
Drainage and Wastewater Fund		0	2,000	2,500	2,000	2,000	6,000	7,000	2,000	23,500
<b>Total*:</b>		0	2,000	2,500	2,000	2,000	6,000	7,000	2,000	23,500
<b>O &amp; M Costs (Savings)</b>				235	235	235	235	235	235	1,410
<b>Spending Plan by Fund</b>										
Drainage and Wastewater Fund			0	2,500	2,000	2,000	6,000	7,000	2,000	21,500
<b>Total:</b>			0	2,500	2,000	2,000	6,000	7,000	2,000	21,500

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,657	2,724	2,478	335	198	2,472	481	780	11,125
<b>Total:</b>	1,657	2,724	2,478	335	198	2,472	481	780	11,125
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,657	2,724	2,478	335	198	2,472	481	780	11,125
<b>Total*:</b>	1,657	2,724	2,478	335	198	2,472	481	780	11,125
<b>O &amp; M Costs (Savings)</b>			11	11	11	11	11	11	67
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,419	2,478	335	198	2,472	481	780	9,164
<b>Total:</b>		2,419	2,478	335	198	2,472	481	780	9,164

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### 2013 - 2018 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. Although this is an ongoing project, no work is currently planned for 2017 or 2018.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	8,856	3,654	3,024	3,516	3,258	1,104	0	0	23,411
<b>Total:</b>	8,856	3,654	3,024	3,516	3,258	1,104	0	0	23,411
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	8,856	3,654	3,024	3,516	3,258	1,104	0	0	23,411
<b>Total*:</b>	8,856	3,654	3,024	3,516	3,258	1,104	0	0	23,411
<b>O &amp; M Costs (Savings)</b>			234	234	234	234	234	234	1,405
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,337	3,024	3,516	3,258	1,104	0	0	14,238
<b>Total:</b>		3,337	3,024	3,516	3,258	1,104	0	0	14,238

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,615	1,837	440	700	950	5,000	5,000	5,000	20,541
<b>Total:</b>	1,615	1,837	440	700	950	5,000	5,000	5,000	20,541
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,615	1,837	440	700	950	5,000	5,000	5,000	20,541
<b>Total*:</b>	1,615	1,837	440	700	950	5,000	5,000	5,000	20,541
<b>O &amp; M Costs (Savings)</b>			205	205	205	205	205	205	1,232
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,867	440	700	950	5,000	5,000	5,000	18,957
<b>Total:</b>		1,867	440	700	950	5,000	5,000	5,000	18,957

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	5,581	4,241	350	0	0	0	0	0	10,172
<b>Total:</b>	5,581	4,241	350	0	0	0	0	0	10,172
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	5,581	4,241	350	0	0	0	0	0	10,172
<b>Total*:</b>	5,581	4,241	350	0	0	0	0	0	10,172
<b>O &amp; M Costs (Savings)</b>			102	102	102	102	102	102	610
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,852	350	0	0	0	0	0	4,202
<b>Total:</b>		3,852	350	0	0	0	0	0	4,202

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	6,899	2,640	1,980	1,820	3,000	2,000	2,044	2,088	22,470
<b>Total:</b>	6,899	2,640	1,980	1,820	3,000	2,000	2,044	2,088	22,470
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	6,899	2,640	1,980	1,820	3,000	2,000	2,044	2,088	22,470
<b>Total*:</b>	6,899	2,640	1,980	1,820	3,000	2,000	2,044	2,088	22,470
<b>O &amp; M Costs (Savings)</b>			183	183	183	183	183	183	1,100
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,000	1,980	1,820	3,000	2,000	2,044	2,088	14,932
<b>Total:</b>		2,000	1,980	1,820	3,000	2,000	2,044	2,088	14,932

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,506	0	150	150	0	0	0	0	4,806
<b>Total:</b>	4,506	0	150	150	0	0	0	0	4,806
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,506	0	150	150	0	0	0	0	4,806
<b>Total*:</b>	4,506	0	150	150	0	0	0	0	4,806
<b>O &amp; M Costs (Savings)</b>			48	48	48	48	48	48	288
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		150	150	150	0	0	0	0	450
<b>Total:</b>		150	150	150	0	0	0	0	450

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### 2013 - 2018 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>	Q4/2013
<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 2013-2018 timeframe but if they are, necessary funding will be requested. Operating funding for the project is currently proposed as part of the 2013-2014 Proposed Budget.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	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>									
Drainage and Wastewater 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>									
Drainage and Wastewater Fund		700	0	0	0	0	0	0	700
<b>Total:</b>		700	0	0	0	0	0	0	700

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### 2013 - 2018 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>	Q1/2016
<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 2014, and the projects should complete their construction by 2025.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	0	0	4,705	9,806	19,312	33,823
<b>Total:</b>	0	0	0	0	0	4,705	9,806	19,312	33,823
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	0	0	0	4,705	9,806	19,312	33,823
<b>Total*:</b>	0	0	0	0	0	4,705	9,806	19,312	33,823
<b>O &amp; M Costs (Savings)</b>			0	0	0	338	338	338	1,015

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### 2013 - 2018 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 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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,591	2,603	4,799	6,409	6,205	6,496	3,005	2,709	34,818
<b>Total:</b>	2,591	2,603	4,799	6,409	6,205	6,496	3,005	2,709	34,818
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,591	2,603	4,799	6,409	6,205	6,496	3,005	2,709	34,818
<b>Total*:</b>	2,591	2,603	4,799	6,409	6,205	6,496	3,005	2,709	34,818
<b>O &amp; M Costs (Savings)</b>			295	295	295	295	295	295	1,773
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,515	4,799	6,409	6,205	6,496	3,005	2,709	32,139
<b>Total:</b>		2,515	4,799	6,409	6,205	6,496	3,005	2,709	32,139

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### 2013 - 2018 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. No specific equipment purchases have been identified for 2017 or 2018 but once they are appropriate budget authority will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	8,283	1,706	1,525	1,725	2,000	3,200	0	0	18,440
<b>Total:</b>	8,283	1,706	1,525	1,725	2,000	3,200	0	0	18,440
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	8,283	1,706	1,525	1,725	2,000	3,200	0	0	18,440
<b>Total*:</b>	8,283	1,706	1,525	1,725	2,000	3,200	0	0	18,440
<b>O &amp; M Costs (Savings)</b>			184	184	184	184	184	184	1,106
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,612	1,525	1,725	2,000	3,200	0	0	10,062
<b>Total:</b>		1,612	1,525	1,725	2,000	3,200	0	0	10,062

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### 2013 - 2018 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Inflow/Infiltration Control

<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>	Q1/2011
<b>Project ID:</b>	C3807	<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 reduces inflow and infiltration (I/I) to sanitary sewers from side sewers and other pipe openings. Reductions may result from inspections, repair, and/or enforcement of codes. I/I reduction improves the capacity of the existing sanitary sewer system by removing excess storm flows, thereby reducing the potential for overflows and decreasing quantities going to Metro's treatment facilities. It will be rolled into C3804 - Sanitary Sewer Overflow Cpcity starting in 2013.

		LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
Drainage and Wastewater Rates		0	377	0	0	0	0	0	0	377
<b>Total:</b>		0	377	0	0	0	0	0	0	377
<b>Fund Appropriations/Allocations</b>										
Drainage and Wastewater Fund		0	377	0	0	0	0	0	0	377
<b>Total*:</b>		0	377	0	0	0	0	0	0	377
<b>O &amp; M Costs (Savings)</b>				4	4	4	4	4	4	23
<b>Spending Plan by Fund</b>										
Drainage and Wastewater Fund			1,000	0	0	0	0	0	0	1,000
<b>Total:</b>			1,000	0	0	0	0	0	0	1,000

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### 2013 - 2018 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>	Q4/2018
<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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	9,664	1,613	1,050	500	250	500	500	500	14,577
<b>Total:</b>	9,664	1,613	1,050	500	250	500	500	500	14,577
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	9,664	1,613	1,050	500	250	500	500	500	14,577
<b>Total*:</b>	9,664	1,613	1,050	500	250	500	500	500	14,577
<b>O &amp; M Costs (Savings)</b>			168	168	168	168	168	168	1,010
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,708	1,050	500	250	500	500	500	5,008
<b>Total:</b>		1,708	1,050	500	250	500	500	500	5,008

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
Drainage and Wastewater Rates		0	0	1,540	78	0	0	0	0	1,618
<b>Total:</b>		0	0	1,540	78	0	0	0	0	1,618
<b>Fund Appropriations/Allocations</b>										
Drainage and Wastewater Fund		0	0	1,540	78	0	0	0	0	1,618
<b>Total*:</b>		0	0	1,540	78	0	0	0	0	1,618
<b>O &amp; M Costs (Savings)</b>				19	19	19	19	19	19	112
<b>Spending Plan by Fund</b>										
Drainage and Wastewater Fund			250	1,540	78	0	0	0	0	1,868
<b>Total:</b>			250	1,540	78	0	0	0	0	1,868

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,476	4,689	2,600	1,860	1,460	2,660	9,700	10,660	36,105
<b>Total:</b>	2,476	4,689	2,600	1,860	1,460	2,660	9,700	10,660	36,105
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,476	4,689	2,600	1,860	1,460	2,660	9,700	10,660	36,105
<b>Total*:</b>	2,476	4,689	2,600	1,860	1,460	2,660	9,700	10,660	36,105
<b>O &amp; M Costs (Savings)</b>			361	361	361	361	361	361	2,166
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,501	2,600	1,860	1,460	2,660	9,700	10,660	31,441
<b>Total:</b>		2,501	2,600	1,860	1,460	2,660	9,700	10,660	31,441

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### 2013 - 2018 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>	Q4/2030
<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).

No specific work has been identified for the years 2017 and 2018 but once it is appropriate budget authority will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	22,186	7,315	4,517	2,908	2,252	2,000	0	0	41,177
<b>Total:</b>	22,186	7,315	4,517	2,908	2,252	2,000	0	0	41,177
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	22,186	7,315	4,517	2,908	2,252	2,000	0	0	41,177
<b>Total*:</b>	22,186	7,315	4,517	2,908	2,252	2,000	0	0	41,177
<b>O &amp; M Costs (Savings)</b>			412	412	412	412	412	412	2,471

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## 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	27,702	1,920	250	0	0	0	0	0	29,872
<b>Total:</b>	27,702	1,920	250	0	0	0	0	0	29,872
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	27,702	1,920	250	0	0	0	0	0	29,872
<b>Total*:</b>	27,702	1,920	250	0	0	0	0	0	29,872
<b>O &amp; M Costs (Savings)</b>			299	299	299	299	299	299	1,792
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		5,110	250	0	0	0	0	0	5,360
<b>Total:</b>		5,110	250	0	0	0	0	0	5,360

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### 2013 - 2018 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	347	1,500	135	31	0	0	0	0	2,013
<b>Total:</b>	347	1,500	135	31	0	0	0	0	2,013
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	347	1,500	135	31	0	0	0	0	2,013
<b>Total*:</b>	347	1,500	135	31	0	0	0	0	2,013
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	20	121
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,700	135	31	0	0	0	0	1,866
<b>Total:</b>		1,700	135	31	0	0	0	0	1,866

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

### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	5,629	1,010	795	0	0	0	0	0	7,433
<b>Total:</b>	5,629	1,010	795	0	0	0	0	0	7,433
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	5,629	1,010	795	0	0	0	0	0	7,433
<b>Total*:</b>	5,629	1,010	795	0	0	0	0	0	7,433
<b>O &amp; M Costs (Savings)</b>			74	74	74	74	74	74	446
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,050	895	0	0	0	0	0	1,945
<b>Total:</b>		1,050	895	0	0	0	0	0	1,945

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	81	335	629	494	89	0	0	0	1,628
<b>Total:</b>	81	335	629	494	89	0	0	0	1,628
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	81	335	629	494	89	0	0	0	1,628
<b>Total*:</b>	81	335	629	494	89	0	0	0	1,628
<b>O &amp; M Costs (Savings)</b>			16	16	16	16	16	16	98

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,533	567	652	585	595	605	321	327	7,185
<b>Total:</b>	3,533	567	652	585	595	605	321	327	7,185
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,533	567	652	585	595	605	321	327	7,185
<b>Total*:</b>	3,533	567	652	585	595	605	321	327	7,185
<b>O &amp; M Costs (Savings)</b>			70	70	70	70	70	70	418
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		565	652	585	595	605	321	327	3,651
<b>Total:</b>		565	652	585	595	605	321	327	3,651

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### 2013 - 2018 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. No funding has been requested for the 2017-2018 time frame but once specific work is identified, additional spending authority will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	13,055	1,530	1,500	1,500	1,500	1,500	1,533	1,566	23,684
<b>Total:</b>	13,055	1,530	1,500	1,500	1,500	1,500	1,533	1,566	23,684
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	13,055	1,530	1,500	1,500	1,500	1,500	1,533	1,566	23,684
<b>Total*:</b>	13,055	1,530	1,500	1,500	1,500	1,500	1,533	1,566	23,684
<b>O &amp; M Costs (Savings)</b>			206	206	206	206	206	206	1,235
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,500	1,500	1,500	1,500	1,500	1,533	1,566	10,599
<b>Total:</b>		1,500	1,500	1,500	1,500	1,500	1,533	1,566	10,599

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,308	263	1,263	856	884	988	812	1,135	10,508
<b>Total:</b>	4,308	263	1,263	856	884	988	812	1,135	10,508
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,308	263	1,263	856	884	988	812	1,135	10,508
<b>Total*:</b>	4,308	263	1,263	856	884	988	812	1,135	10,508
<b>O &amp; M Costs (Savings)</b>			138	138	138	138	138	138	826
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		723	1,263	856	884	988	812	1,135	6,661
<b>Total:</b>		723	1,263	856	884	988	812	1,135	6,661

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### 2013 - 2018 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. No work is currently planned for drainage and wastewater facilities in 2015-2018.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	329	6,381	75	150	0	0	0	0	6,936
<b>Total:</b>	329	6,381	75	150	0	0	0	0	6,936
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	329	6,381	75	150	0	0	0	0	6,936
<b>Total*:</b>	329	6,381	75	150	0	0	0	0	6,936
<b>O &amp; M Costs (Savings)</b>			69	69	69	69	69	69	416
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	75	150	0	0	0	0	225
<b>Total:</b>		0	75	150	0	0	0	0	225

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,351	85	76	314	4	113	284	13	3,240
<b>Total:</b>	2,351	85	76	314	4	113	284	13	3,240
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,351	85	76	314	4	113	284	13	3,240
<b>Total*:</b>	2,351	85	76	314	4	113	284	13	3,240
<b>O &amp; M Costs (Savings)</b>			33	33	33	33	33	33	199
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		52	76	314	4	113	284	13	856
<b>Total:</b>		52	76	314	4	113	284	13	856

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### 2013 - 2018 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. No work has been identified for the 2013-2018 time frame but once specific projects emerge, appropriate spending authority will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1	10	0	0	0	0	0	0	12
<b>Total:</b>	1	10	0	0	0	0	0	0	12
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1	10	0	0	0	0	0	0	12
<b>Total*:</b>	1	10	0	0	0	0	0	0	12
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	1
<b>Spending Plan by Fund</b>									
Drainage and Wastewater 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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	510	0	0	0	300	400	0	1,210
<b>Total:</b>	0	510	0	0	0	300	400	0	1,210
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	510	0	0	0	300	400	0	1,210
<b>Total*:</b>	0	510	0	0	0	300	400	0	1,210
<b>O &amp; M Costs (Savings)</b>			12	12	12	12	12	12	73
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	0	0	0	300	400	0	700
<b>Total:</b>		0	0	0	0	300	400	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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	36,456	4,947	3,900	3,900	3,900	6,300	6,437	6,577	72,418
<b>Total:</b>	36,456	4,947	3,900	3,900	3,900	6,300	6,437	6,577	72,418
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	36,456	4,947	3,900	3,900	3,900	6,300	6,437	6,577	72,418
<b>Total*:</b>	36,456	4,947	3,900	3,900	3,900	6,300	6,437	6,577	72,418
<b>O &amp; M Costs (Savings)</b>			594	594	594	594	594	594	3,564

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	6,415	2,766	1,560	1,300	1,300	2,500	2,555	2,610	21,005
<b>Total:</b>	6,415	2,766	1,560	1,300	1,300	2,500	2,555	2,610	21,005
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	6,415	2,766	1,560	1,300	1,300	2,500	2,555	2,610	21,005
<b>Total*:</b>	6,415	2,766	1,560	1,300	1,300	2,500	2,555	2,610	21,005
<b>O &amp; M Costs (Savings)</b>			158	158	158	158	158	158	950
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,837	1,560	1,300	1,300	2,500	2,555	2,610	13,662
<b>Total:</b>		1,837	1,560	1,300	1,300	2,500	2,555	2,610	13,662

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	6,928	1,507	8,120	11,537	2,373	0	0	0	30,466
<b>Total:</b>	6,928	1,507	8,120	11,537	2,373	0	0	0	30,466
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	6,928	1,507	8,120	11,537	2,373	0	0	0	30,466
<b>Total*:</b>	6,928	1,507	8,120	11,537	2,373	0	0	0	30,466
<b>O &amp; M Costs (Savings)</b>			305	305	305	305	305	305	1,828
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,290	8,120	11,537	2,373	0	0	0	24,321
<b>Total:</b>		2,290	8,120	11,537	2,373	0	0	0	24,321

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

### 2013 - 2018 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>	Q4/2020
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	9,215	1,908	6,196	6,791	21,415	29,905	5,411	1,066	81,907
<b>Total:</b>	9,215	1,908	6,196	6,791	21,415	29,905	5,411	1,066	81,907
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	9,215	1,908	6,196	6,791	21,415	29,905	5,411	1,066	81,907
<b>Total*:</b>	9,215	1,908	6,196	6,791	21,415	29,905	5,411	1,066	81,907
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,598	6,196	6,791	21,415	29,905	5,411	1,066	73,381
<b>Total:</b>		2,598	6,196	6,791	21,415	29,905	5,411	1,066	73,381

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,960	3,080	1,935	8,250	1,600	1,500	5,000	8,000	33,325
<b>Total:</b>	3,960	3,080	1,935	8,250	1,600	1,500	5,000	8,000	33,325
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,960	3,080	1,935	8,250	1,600	1,500	5,000	8,000	33,325
<b>Total*:</b>	3,960	3,080	1,935	8,250	1,600	1,500	5,000	8,000	33,325
<b>O &amp; M Costs (Savings)</b>			333	333	333	333	333	333	2,000
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,075	1,935	8,250	1,600	1,500	5,000	8,000	28,360
<b>Total:</b>		2,075	1,935	8,250	1,600	1,500	5,000	8,000	28,360

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### 2013 - 2018 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>	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>	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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,006	148	21	36	22	249	249	250	1,982
<b>Total:</b>	1,006	148	21	36	22	249	249	250	1,982
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,006	148	21	36	22	249	249	250	1,982
<b>Total*:</b>	1,006	148	21	36	22	249	249	250	1,982
<b>O &amp; M Costs (Savings)</b>			24	24	24	24	24	24	147
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		74	21	36	22	249	249	250	902
<b>Total:</b>		74	21	36	22	249	249	250	902

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	32,552	5,595	1,679	2,050	1,561	797	797	797	45,828
<b>Total:</b>	32,552	5,595	1,679	2,050	1,561	797	797	797	45,828
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	32,552	5,595	1,679	2,050	1,561	797	797	797	45,828
<b>Total*:</b>	32,552	5,595	1,679	2,050	1,561	797	797	797	45,828
<b>O &amp; M Costs (Savings)</b>			458	458	458	458	458	458	2,750
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		5,550	1,679	2,050	1,561	797	797	797	13,231
<b>Total:</b>		5,550	1,679	2,050	1,561	797	797	797	13,231

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### 2013 - 2018 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. No funding has been requested for the 2017-2018 time frame but once specific replacements are identified, appropriate budget authority will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	349	230	250	250	250	250	255	261	2,096
<b>Total:</b>	349	230	250	250	250	250	255	261	2,096
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	349	230	250	250	250	250	255	261	2,096
<b>Total*:</b>	349	230	250	250	250	250	255	261	2,096
<b>O &amp; M Costs (Savings)</b>			16	16	16	16	16	16	95

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	88	72	75	75	75	75	75	534
<b>Total:</b>	0	88	72	75	75	75	75	75	534
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	88	72	75	75	75	75	75	534
<b>Total*:</b>	0	88	72	75	75	75	75	75	534
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	54
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	72	75	75	75	75	75	447
<b>Total:</b>		0	72	75	75	75	75	75	447

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### 2013 - 2018 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>	Q4/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	297	98	191	113	30	0	0	0	729
<b>Total:</b>	297	98	191	113	30	0	0	0	729
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	297	98	191	113	30	0	0	0	729
<b>Total*:</b>	297	98	191	113	30	0	0	0	729
<b>O &amp; M Costs (Savings)</b>			8	8	8	8	8	8	48
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		165	191	113	30	0	0	0	499
<b>Total:</b>		165	191	113	30	0	0	0	499

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### 2013 - 2018 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>	Q4/2016
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	5,315	6,778	4,500	3,800	1,100	1,200	0	0	22,693
<b>Total:</b>	5,315	6,778	4,500	3,800	1,100	1,200	0	0	22,693
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	5,315	6,778	4,500	3,800	1,100	1,200	0	0	22,693
<b>Total*:</b>	5,315	6,778	4,500	3,800	1,100	1,200	0	0	22,693
<b>O &amp; M Costs (Savings)</b>			227	227	227	227	227	227	1,362
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		951	4,500	3,800	1,100	1,200	0	0	11,551
<b>Total:</b>		951	4,500	3,800	1,100	1,200	0	0	11,551

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### 2013 - 2018 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>	Q4/2016
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	42	825	100	0	0	150	0	0	1,117
<b>Total:</b>	42	825	100	0	0	150	0	0	1,117
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	42	825	100	0	0	150	0	0	1,117
<b>Total*:</b>	42	825	100	0	0	150	0	0	1,117
<b>O &amp; M Costs (Savings)</b>			11	11	11	11	11	11	67

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,573	100	450	3,000	125	60	0	0	5,308
<b>Total:</b>	1,573	100	450	3,000	125	60	0	0	5,308
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,573	100	450	3,000	125	60	0	0	5,308
<b>Total*:</b>	1,573	100	450	3,000	125	60	0	0	5,308
<b>O &amp; M Costs (Savings)</b>			53	53	53	53	53	53	318

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,098	800	4,000	560	63	0	0	0	6,521
<b>Total:</b>	1,098	800	4,000	560	63	0	0	0	6,521
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,098	800	4,000	560	63	0	0	0	6,521
<b>Total*:</b>	1,098	800	4,000	560	63	0	0	0	6,521
<b>O &amp; M Costs (Savings)</b>			65	65	65	65	65	65	391

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

### 2013 - 2018 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>	Q4/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,674	1,101	500	1,000	3,000	0	0	0	7,275
<b>Total:</b>	1,674	1,101	500	1,000	3,000	0	0	0	7,275
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,674	1,101	500	1,000	3,000	0	0	0	7,275
<b>Total*:</b>	1,674	1,101	500	1,000	3,000	0	0	0	7,275
<b>O &amp; M Costs (Savings)</b>			73	73	73	73	73	73	437
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		784	500	1,000	3,000	0	0	0	5,284
<b>Total:</b>		784	500	1,000	3,000	0	0	0	5,284

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	12,876	13,672	17,178	18,042	641	0	0	0	62,408
<b>Total:</b>	12,876	13,672	17,178	18,042	641	0	0	0	62,408
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	12,876	13,672	17,178	18,042	641	0	0	0	62,408
<b>Total*:</b>	12,876	13,672	17,178	18,042	641	0	0	0	62,408
<b>O &amp; M Costs (Savings)</b>			624	624	624	624	624	624	3,744
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		12,384	17,178	18,042	641	0	0	0	48,245
<b>Total:</b>		12,384	17,178	18,042	641	0	0	0	48,245

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

### 2013 - 2018 Proposed Capital Improvement Program





**SPU -  
SOLID WASTE**



### Overview

Seattle Public Utilities (SPU) is responsible for the collection and disposal of solid waste generated within the City of Seattle. To fulfill this responsibility the City owns major capital facilities, including two recycling and disposal stations, also known as transfer stations, and two household hazardous waste facilities, and a fleet of trucks and heavy equipment. In addition, the Solid Waste Capital Improvement Plan (CIP) supports post-closure projects on two landfills previously used by the City.

Funding for Solid Waste capital projects comes predominantly from rates charged to customers whose trash, recycling, and composting are handled by the City's solid waste infrastructure and services. Changes to the solid waste rates are proposed in 2012 for the period 2013-2016, and support the 2013-2018 Adopted CIP. There will also be a Solid Waste Fund bond issuance in 2013.

### 2013-2018 CIP

Planned spending in the Solid Waste Fund (SWF) CIP is \$135M over the next six years (excluding Technology). By far the largest projects over this time period are the rebuilding the North Transfer Station between 2013 and 2017, demolishing the old South Transfer Station, and constructing a recycling/re-use facility at the South Transfer Station location between 2015 and 2018. These projects comprise 63% of the total CIP. The other significant projects are the South Park Development project, funding the investigation and closure of the South Park Landfill, and the replacement of the South Household Hazardous Waste facility.

As solid waste management has evolved, the functions of the City's NRDS (North Recycling and Disposal Station) and SRDS (South Recycling and Disposal Station) expanded dramatically, yet the basic buildings and facilities did not change. Today the stations accept more than 10 categories of separated material—from garbage to wood waste to vehicle batteries. Typically, transfer facilities are designed to last for 30 years. Seattle's stations have exceeded this life-span, despite limited maintenance. Overall, they are outmoded and no longer adequately handle current volumes of materials and customers.

Built in the mid-1960s, both transfer stations have experienced close to half a century of hard industrial use that has worn out the buildings considerably and caused significant increases in ongoing maintenance of electrical and other systems. The aged stations are not designed for likely future earthquakes, are overcrowded given the size of Seattle's current population, and have limited space for recycling. The new South Transfer Station will finish construction in 2012. The new North Transfer Station will likely be substantially complete in 2016. Completing both station rebuild projects in a time of declining revenues poses a financial challenge to the utility. SPU has responded by reducing costs and positions in the 2013-2014 Proposed Budget, identifying efficiencies that allow services to be delivered more cost effectively, and pairing these with rate increases for 2013-2016 driven by the capital costs of the new transfer stations.

The schedules for the cleanup of the South Park Landfill and the redevelopment of the old transfer station as a Recycling/Re-use center in the Solid Waste CIP are dependent on the construction schedule for the North Transfer Station project. The demolition of the old South Transfer Station will not occur until the North Transfer Station is rebuilt. This will allow the old South Transfer Station to be kept open along with the new South Transfer station during the period when the North Transfer Station is closed for construction. SPU is deliberately sequencing construction in this manner to ensure that two facilities are open at all times to accommodate anticipated volumes of solid waste from residents and businesses in Seattle. Once the North Transfer Station has been rebuilt, and the new North and South Transfer Stations are both on line, the old South Recycling and Disposal Station will be demolished. Following demolition, landfill closure activities as defined by the South Park Landfill Cleanup Action Plan will be completed on the old South Transfer Station property

The remediation of the historic landfill in the South Park neighborhood poses another challenge for Solid Waste CIP planners. From the early 20th Century until the mid 1960s, a landfill was located in the South Park neighborhood near the location of the old South Transfer Station. The City previously used the site as a landfill, and SPU currently owns a portion of the site. Thus, the City is among the potentially liable parties in the cleanup of the site. The final cost allocation among parties will not be known until later in the project, and the scope of the remediation has yet to be finalized. As a consequence, total project costs and timing are difficult to accurately estimate at this time.

### CIP Revenue Sources

SPU's Solid Waste CIP is funded largely by Solid Waste ratepayers. SPU issues bonds, serviced by ratepayers, that in the current rate period cover 84% of the CIP, with the remainder funded by cash. SPU also actively seeks grants, low interest loans, and other funding sources. The Solid Waste Utility has been under financial stress since 2008 as a result of the economic downturn, which curbed the volume of waste and recyclables, and caused prices for recyclable materials to dip considerably for several months. Rate increases are proposed in 2012 for the period 2013-2016, and include increases for the average residential and commercial customer of 2.7%, or \$1.70 per month, in 2013. The rate increases are a response to declining volumes and the capital investments required to rebuild the City's two transfer stations.

### Thematic Priorities and Project Selection Criteria

The SPU Solid Waste Fund has two main priorities; managing environmental issues and regulatory requirements related to current and historic Solid Waste facilities (for example, at the former landfill sites), and protecting human health and safety (for example, incorporation of modern safety standards into the new transfer stations to the benefit of customers and employees). The Mayor's Walk Bike Ride initiative is also supported through design elements of the two transfer station projects that provide trails and public green space.

SPU's capital planners identify candidate CIP projects through an awareness of ongoing planning processes (e.g., comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events that indicate specific investments are possibly recommended.

SPU's Asset Management system then provides rigorous analysis of projects, by using a business case process that establishes whether 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 -- or is a "must do" project (e.g., required by regulation).

After candidate projects have been identified, SPU prioritizes the capital projects for inclusion in the CIP based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which the project is driven by Federal, State, and Local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the South Park Development and Kent Highlands and Midway Landfill 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.

## SPU – Solid Waste

- **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 not otherwise captured, 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 project.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each Line of Business, with review by key internal stakeholders. The ranking scheme and criteria are the same for all Lines of Business, 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 will be included, excluded, or deferred from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

### CIP Expenditures by Major Category (in '000s)

Solid Waste Fund	2013	2014	2015	2016	2017	2018	Total
New Facilities	\$8,888	\$32,077	\$35,162	\$23,012	\$20,809	\$2,177	\$122,125
Rehabilitation & Heavy Equipment	\$80	\$45	\$145	\$145	\$95	\$45	\$555
Shared Cost Projects	\$2,179	\$2,357	\$1,492	\$2,207	\$1,951	\$1,879	\$12,066
Technology	\$5,612	\$4,892	\$2,316	\$2,042	\$2,070	\$2,122	\$19,054
Total	\$16,760	\$39,370	\$39,116	\$27,407	\$24,924	\$6,222	\$153,800

The investments in the new transfer stations have caused the Solid Waste CIP to increase materially. In the seven years prior to the initiation of the transfer station rebuild projects, the core Solid Waste CIP Budget averaged \$4.7 million annually. During the years when the transfer station rebuild projects are included in the budget, planned spending in the core Solid Waste CIP averages \$22 million annually. However, once these investments are made and the transfer stations are completed, the Solid Waste CIP is expected to return to lower, historical spending levels.

**New Facilities:** This program plans, designs, and constructs new facilities to enhance solid waste operations. The key project drivers of the New Facilities budget category are the North and South Transfer Station Rebuild projects.

The proposed budget for this BCL decreases by \$2.4M in 2013 and \$13.7M in 2014 as costs shift into future years. Now that a preferred design concept has been recommended by stakeholders and approved by SPU, a design contract for the North Transfer Station (NTS) has been procured and more is known

### 2013 - 2018 Proposed Capital Improvement Program

about the likely construction schedule. This has resulted in a slight shift in construction timing from 2014 to 2015. The South Park Development Project decreased by \$506k in 2013 and \$11.6M in 2014 as a result of these NTS schedule changes.

**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 replacement of existing flares, drainage improvements, groundwater protection and water treatment as required by State environmental policy.

Most of the changes in this BCL are related to the deferral of the Kent Highlands North Pond Diversion project, which has experienced delays obtaining Department of Health approval.

**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 decreases by \$28,000 in 2013 and increases by \$403,000 in 2014. The key driver is the SWF SCADA program, in which projected spending was delayed one year due to staff resource constraints.

**Technology:** The Technology capital portfolio is managed via six business-focused program areas, which provide an enterprise-wide view of technology investments in the context of SPU's strategic, business, and City-wide priorities. These areas are: Customer Contact and Billing, Enterprise Information Management, IT Infrastructure, Project Delivery & Performance, Science & System Performance and Asset Information Management. Programmatic investments in 2013 and 2014 were prioritized within the context of SPU's key initiatives for information technology projects, which focus on improving internal controls, improving productivity and performance, improving customer service, transitioning from data rich to knowledge rich environment, and improving project delivery.

The 2013-2018 Proposed CIP increases Technology CIP spending for all utility funds by \$4.29 million in 2013 and decreases it by \$261,000 in 2014 compared to the 2012-2017 Adopted CIP. The Solid Waste Utility's Technology CIP amount increased \$1.3 million in 2013 and decreased \$233,930 in 2014. These amounts are based on the Solid Waste Utility's share of benefit from these projects.

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

When appropriate, the projects in the Solid Waste CIP include operations and maintenance cost estimates. These estimates will be refined after project completion and will be included as part of SPU's future budget submittals.

**Project Summary**

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>New Facilities</b>					<b>BCL/Program Code:</b>				<b>C230B</b>
Miscellaneous Station Improvements (C2303)	2,757	346	300	400	100	0	0	0	3,902
North Transfer Station Rebuild (C2306)	3,718	1,761	7,049	29,477	33,000	748	200	0	75,953
South Park Development (C2304)	2,089	468	540	700	385	13,228	9,572	0	26,982
South Recycling Disposal Station Household Hazardous Waste Relocation (C2305)	0	0	0	0	177	1,036	1,036	177	2,425
South Transfer Station Rebuild (C2302)	62,698	11,418	1,000	1,500	1,500	8,000	10,000	2,000	98,116
<b>New Facilities</b>	<b>71,262</b>	<b>13,992</b>	<b>8,888</b>	<b>32,077</b>	<b>35,162</b>	<b>23,012</b>	<b>20,808</b>	<b>2,177</b>	<b>207,379</b>
<b>Rehabilitation and Heavy Equipment</b>					<b>BCL/Program Code:</b>				<b>C240B</b>
2010 Solid Waste Comprehensive Plan Update (C2407)	363	50	3	0	100	100	50	0	666
Kent Highlands Landfill (C2402)	515	429	52	20	20	20	20	20	1,096
Midway Landfill (C2403)	109	65	25	25	25	25	25	25	324
<b>Rehabilitation and Heavy Equipment</b>	<b>987</b>	<b>544</b>	<b>80</b>	<b>45</b>	<b>145</b>	<b>145</b>	<b>95</b>	<b>45</b>	<b>2,087</b>
<b>Shared Cost Projects</b>					<b>BCL/Program Code:</b>				<b>C410B</b>
1% for Art – SWF (C4118-SWF)	522	345	332	322	134	298	196	200	2,349
Heavy Equipment Purchases - SWF (C4116-SWF)	4,553	2,641	1,500	1,500	1,000	1,500	1,500	1,530	15,725
Integrated Control Monitoring Program - SWF (C4108-SWF)	0	75	50	250	0	0	0	0	375
Operational Facility - Construction - SWF (C4106-SWF)	2,478	0	158	59	242	242	35	12	3,227
Operational Facility - Other - SWF (C4115-SWF)	637	0	0	0	0	0	0	0	637
Operations Control Center - SWF (C4105-SWF)	667	27	24	101	1	35	88	4	948
Security Improvements - SWF (C4113-SWF)	854	89	114	124	115	133	133	133	1,695
<b>Shared Cost Projects</b>	<b>9,712</b>	<b>3,177</b>	<b>2,179</b>	<b>2,357</b>	<b>1,492</b>	<b>2,207</b>	<b>1,951</b>	<b>1,879</b>	<b>24,955</b>
<b>Technology</b>					<b>BCL/Program Code:</b>				<b>C510B</b>
Asset Information Management (C5407)	520	645	541	455	364	363	379	389	3,655

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**

**Project Summary**

<b>BCL/Program Name/ Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Customer Contact & Billing (C5402)	108	258	4,151	3,382	737	548	572	586	10,342
Enterprise Information Management (C5403)	18	87	101	100	97	94	74	76	646
IT Infrastructure (C5404)	337	135	359	245	285	333	310	318	2,321
Project Delivery & Performance (C5405)	431	460	461	529	528	399	416	426	3,651
Science & System Performance (C5406)	75	80	0	181	305	305	319	327	1,593
<b>Technology</b>	1,490	1,665	5,612	4,892	2,316	2,042	2,070	2,122	22,208
<b>Department Total*:</b>	83,451	19,378	16,760	39,370	39,116	27,407	24,924	6,222	256,629

*\*Amounts in thousands of dollars*



## SPU-Solid Waste

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Solid Waste Fund (45010)	83,451	19,378	16,760	39,370	39,116	27,407	24,924	6,222	256,629
<b>Department Total*:</b>	83,451	19,378	16,760	39,370	39,116	27,407	24,924	6,222	256,629

*\*Amounts in thousands of dollars*

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	522	345	332	322	134	298	196	200	2,349
<b>Total:</b>	522	345	332	322	134	298	196	200	2,349
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	522	345	332	322	134	298	196	200	2,349
<b>Total*:</b>	522	345	332	322	134	298	196	200	2,349
<b>O &amp; M Costs (Savings)</b>			23	23	23	23	23	23	141

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### 2013 - 2018 Proposed Capital Improvement Program

## SPU-Solid Waste

### 2010 Solid Waste Comprehensive Plan Update

<b>BCL/Program Name:</b>	Rehabilitation and Heavy Equipment	<b>BCL/Program Code:</b>	C240B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	C2407	<b>End Date:</b>	Q4/2017
<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 updates Seattle's Solid Waste Comprehensive Plan, which is required by the State of Washington every five years. The Comprehensive Plan guides the City's solid waste management.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	363	50	3	0	100	100	50	0	666
<b>Total:</b>	363	50	3	0	100	100	50	0	666
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	363	50	3	0	100	100	50	0	666
<b>Total*:</b>	363	50	3	0	100	100	50	0	666
<b>O &amp; M Costs (Savings)</b>			7	7	7	7	7	7	40
<b>Spending Plan by Fund</b>									
Solid Waste Fund		100	3	0	100	100	50	0	353
<b>Total:</b>		100	3	0	100	100	50	0	353

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>										
Solid Waste Rates		4,553	2,641	1,500	1,500	1,000	1,500	1,500	1,530	15,725
<b>Total:</b>		4,553	2,641	1,500	1,500	1,000	1,500	1,500	1,530	15,725
<b>Fund Appropriations/Allocations</b>										
Solid Waste Fund		4,553	2,641	1,500	1,500	1,000	1,500	1,500	1,530	15,725
<b>Total*:</b>		4,553	2,641	1,500	1,500	1,000	1,500	1,500	1,530	15,725
<b>O &amp; M Costs (Savings)</b>				165	165	165	165	165	165	989
<b>Spending Plan by Fund</b>										
Solid Waste Fund			1,952	1,500	1,500	1,000	1,500	1,500	1,530	10,482
<b>Total:</b>			1,952	1,500	1,500	1,000	1,500	1,500	1,530	10,482

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### 2013 - 2018 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>	Q1/2012
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	75	50	250	0	0	0	0	375
<b>Total:</b>	0	75	50	250	0	0	0	0	375
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	0	75	50	250	0	0	0	0	375
<b>Total*:</b>	0	75	50	250	0	0	0	0	375
<b>O &amp; M Costs (Savings)</b>			4	4	4	4	4	4	23

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	515	429	52	20	20	20	20	20	1,096
<b>Total:</b>	515	429	52	20	20	20	20	20	1,096
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	515	429	52	20	20	20	20	20	1,096
<b>Total*:</b>	515	429	52	20	20	20	20	20	1,096
<b>O &amp; M Costs (Savings)</b>			11	11	11	11	11	11	66
<b>Spending Plan by Fund</b>									
Solid Waste Fund		867	52	20	20	20	20	20	1,019
<b>Total:</b>		867	52	20	20	20	20	20	1,019

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

### 2013 - 2018 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>	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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	109	65	25	25	25	25	25	25	324
<b>Total:</b>	109	65	25	25	25	25	25	25	324
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	109	65	25	25	25	25	25	25	324
<b>Total*:</b>	109	65	25	25	25	25	25	25	324
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	3	19
<b>Spending Plan by Fund</b>									
Solid Waste Fund		70	25	25	25	25	25	25	220
<b>Total:</b>		70	25	25	25	25	25	25	220

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	2,757	346	300	400	100	0	0	0	3,902
<b>Total:</b>	2,757	346	300	400	100	0	0	0	3,902
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,757	346	300	400	100	0	0	0	3,902
<b>Total*:</b>	2,757	346	300	400	100	0	0	0	3,902
<b>O &amp; M Costs (Savings)</b>			39	39	39	39	39	39	234
<b>Spending Plan by Fund</b>									
Solid Waste Fund		300	300	400	100	0	0	0	1,100
<b>Total:</b>		300	300	400	100	0	0	0	1,100

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

### 2013 - 2018 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>	Q4/2017
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	3,718	1,761	7,049	29,477	33,000	748	200	0	75,953
<b>Total:</b>	3,718	1,761	7,049	29,477	33,000	748	200	0	75,953
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	3,718	1,761	7,049	29,477	33,000	748	200	0	75,953
<b>Total*:</b>	3,718	1,761	7,049	29,477	33,000	748	200	0	75,953
<b>O &amp; M Costs (Savings)</b>			760	760	760	760	760	760	4,557

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	2,478	0	158	59	242	242	35	12	3,227
<b>Total:</b>	2,478	0	158	59	242	242	35	12	3,227
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,478	0	158	59	242	242	35	12	3,227
<b>Total*:</b>	2,478	0	158	59	242	242	35	12	3,227
<b>O &amp; M Costs (Savings)</b>			31	31	31	31	31	31	185

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### 2013 - 2018 Proposed Capital Improvement Program

## SPU-Solid Waste

### Operational Facility - Other - 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>	Q1/2006
<b>Project ID:</b>	C4115-SWF	<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 solid waste systems, prefabricated buildings, storage buildings, and fencing. No spending is currently anticipated in the 2013-2018 timeframe but as future projects are identified, necessary funding will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	637	0	0	0	0	0	0	0	637
<b>Total:</b>	637	0	0	0	0	0	0	0	637
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	637	0	0	0	0	0	0	0	637
<b>Total*:</b>	637	0	0	0	0	0	0	0	637
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	6

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### 2013 - 2018 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>	Q1/2003
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	667	27	24	101	1	35	88	4	948
<b>Total:</b>	667	27	24	101	1	35	88	4	948
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	667	27	24	101	1	35	88	4	948
<b>Total*:</b>	667	27	24	101	1	35	88	4	948
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	55
<b>Spending Plan by Fund</b>									
Solid Waste Fund		25	24	101	1	35	88	4	278
<b>Total:</b>		25	24	101	1	35	88	4	278

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### 2013 - 2018 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:</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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	854	89	114	124	115	133	133	133	1,695
<b>Total:</b>	854	89	114	124	115	133	133	133	1,695
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	854	89	114	124	115	133	133	133	1,695
<b>Total*:</b>	854	89	114	124	115	133	133	133	1,695
<b>O &amp; M Costs (Savings)</b>			15	15	15	15	15	15	93
<b>Spending Plan by Fund</b>									
Solid Waste Fund		149	114	124	115	133	133	133	901
<b>Total:</b>		149	114	124	115	133	133	133	901

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	2,089	468	540	700	385	13,228	9,572	0	26,982
<b>Total:</b>	2,089	468	540	700	385	13,228	9,572	0	26,982
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,089	468	540	700	385	13,228	9,572	0	26,982
<b>Total*:</b>	2,089	468	540	700	385	13,228	9,572	0	26,982
<b>O &amp; M Costs (Savings)</b>			270	270	270	270	270	270	1,619
<b>Spending Plan by Fund</b>									
Solid Waste Fund		2,333	540	700	385	13,228	9,572	0	26,758
<b>Total:</b>		2,333	540	700	385	13,228	9,572	0	26,758

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	0	0	0	177	1,036	1,036	177	2,425
<b>Total:</b>	0	0	0	0	177	1,036	1,036	177	2,425
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	0	0	0	0	177	1,036	1,036	177	2,425
<b>Total*:</b>	0	0	0	0	177	1,036	1,036	177	2,425
<b>O &amp; M Costs (Savings)</b>			24	24	24	24	24	24	146

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### 2013 - 2018 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>	Q4/2018
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Solid Waste Rates	62,698	11,418	1,000	1,500	1,500	8,000	10,000	2,000	98,116
<b>Total:</b>	62,698	11,418	1,000	1,500	1,500	8,000	10,000	2,000	98,116
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	62,698	11,418	1,000	1,500	1,500	8,000	10,000	2,000	98,116
<b>Total*:</b>	62,698	11,418	1,000	1,500	1,500	8,000	10,000	2,000	98,116
<b>O &amp; M Costs (Savings)</b>			980	980	980	980	980	980	5,878
<b>Spending Plan by Fund</b>									
Solid Waste Fund		15,818	1,000	1,500	1,500	8,000	10,000	2,000	39,818
<b>Total:</b>		15,818	1,000	1,500	1,500	8,000	10,000	2,000	39,818

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### 2013 - 2018 Proposed Capital Improvement Program



**SPU -  
TECHNOLOGY  
PROJECTS**



**Project Summary**

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Technology</b>									<b>C510B</b>
Asset Information Management (C5407)	3,666	4,663	3,569	2,757	2,258	2,258	2,356	2,415	23,940
Customer Contact & Billing (C5402)	695	1,627	13,343	11,445	3,978	3,404	3,552	3,641	41,684
Enterprise Information Management (C5403)	109	555	650	614	607	590	459	470	4,054
IT Infrastructure (C5404)	2,300	1,445	2,288	1,538	1,771	2,071	1,926	1,974	15,313
Project Delivery & Performance (C5405)	2,744	2,880	2,941	3,350	3,314	2,477	2,584	2,649	22,937
Science & System Performance (C5406)	471	668	876	1,398	1,897	1,897	1,979	2,029	11,215
<b>Technology</b>	<b>9,984</b>	<b>11,838</b>	<b>23,667</b>	<b>21,101</b>	<b>13,825</b>	<b>12,696</b>	<b>12,856</b>	<b>13,177</b>	<b>119,143</b>
<b>Department Total*:</b>	<b>9,984</b>	<b>11,838</b>	<b>23,667</b>	<b>21,101</b>	<b>13,825</b>	<b>12,696</b>	<b>12,856</b>	<b>13,177</b>	<b>119,143</b>

*\*Amounts in thousands of dollars*



## SPU-Technology

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Drainage and Wastewater Fund (44010)	3,853	4,815	8,880	7,613	5,154	4,720	4,821	4,941	44,798
Solid Waste Fund (45010)	1,490	1,665	5,612	4,892	2,316	2,042	2,070	2,122	22,208
Water Fund (43000)	4,642	5,358	9,174	8,596	6,355	5,933	5,965	6,114	52,137
<b>Department Total*:</b>	<b>9,984</b>	<b>11,838</b>	<b>23,667</b>	<b>21,101</b>	<b>13,825</b>	<b>12,696</b>	<b>12,856</b>	<b>13,177</b>	<b>119,143</b>

*\*Amounts in thousands of dollars*

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	1,849	2,281	1,782	1,310	1,048	1,048	1,093	1,120	11,532
Drainage and Wastewater Rates	1,296	1,737	1,246	992	847	847	883	905	8,753
Solid Waste Rates	520	645	541	455	364	363	379	389	3,655
<b>Total:</b>	3,666	4,663	3,569	2,757	2,258	2,258	2,356	2,415	23,940
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,849	2,281	1,782	1,310	1,048	1,048	1,093	1,120	11,532
Drainage and Wastewater Fund	1,296	1,737	1,246	992	847	847	883	905	8,753
Solid Waste Fund	520	645	541	455	364	363	379	389	3,655
<b>Total*:</b>	3,666	4,663	3,569	2,757	2,258	2,258	2,356	2,415	23,940
<b>O &amp; M Costs (Savings)</b>			239	239	239	239	239	239	1,434
<b>Spending Plan by Fund</b>									
Water Fund		1,640	1,782	1,310	1,048	1,048	1,093	1,120	9,041
Drainage and Wastewater Fund		1,420	1,246	992	847	847	883	905	7,140
Solid Waste Fund		384	525	455	372	372	379	0	2,487
<b>Total:</b>		3,444	3,554	2,757	2,266	2,266	2,356	2,026	18,668

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

**2013 - 2018 Proposed Capital Improvement Program**

**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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	311	744	4,691	4,214	1,775	1,579	1,648	1,689	16,651
Drainage and Wastewater Rates	276	626	4,501	3,848	1,466	1,276	1,332	1,365	14,691
Solid Waste Rates	108	258	4,151	3,382	737	548	572	586	10,342
<b>Total:</b>	695	1,627	13,343	11,445	3,978	3,404	3,552	3,641	41,684
<b>Fund Appropriations/Allocations</b>									
Water Fund	311	744	4,691	4,214	1,775	1,579	1,648	1,689	16,651
Drainage and Wastewater Fund	276	626	4,501	3,848	1,466	1,276	1,332	1,365	14,691
Solid Waste Fund	108	258	4,151	3,382	737	548	572	586	10,342
<b>Total*:</b>	695	1,627	13,343	11,445	3,978	3,404	3,552	3,641	41,684
<b>O &amp; M Costs (Savings)</b>			402	402	402	402	402	402	2,409
<b>Spending Plan by Fund</b>									
Water Fund		386	4,691	4,214	1,775	1,579	1,648	1,689	15,982
Drainage and Wastewater Fund		343	4,501	3,848	1,466	1,276	1,332	1,365	14,132
Solid Waste Fund		134	4,151	3,382	737	548	572	586	10,110
<b>Total:</b>		863	13,343	11,445	3,978	3,404	3,552	3,641	40,225

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	50	250	291	288	279	271	213	218	1,861
Drainage and Wastewater Rates	41	218	259	226	231	225	172	176	1,548
Solid Waste Rates	18	87	101	100	97	94	74	76	646
<b>Total:</b>	109	555	650	614	607	590	459	470	4,054
<b>Fund Appropriations/Allocations</b>									
Water Fund	50	250	291	288	279	271	213	218	1,861
Drainage and Wastewater Fund	41	218	259	226	231	225	172	176	1,548
Solid Waste Fund	18	87	101	100	97	94	74	76	646
<b>Total*:</b>	109	555	650	614	607	590	459	470	4,054
<b>O &amp; M Costs (Savings)</b>			41	41	41	41	41	41	243
<b>Spending Plan by Fund</b>									
Water Fund		102	291	288	279	271	213	218	1,662
Drainage and Wastewater Fund		90	259	226	231	225	172	176	1,379
Solid Waste Fund		35	101	100	97	94	74	76	577
<b>Total:</b>		227	650	614	607	590	459	470	3,618

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	1,055	709	1,081	736	850	1,006	894	916	7,246
Drainage and Wastewater Rates	909	600	848	557	637	733	722	740	5,746
Solid Waste Rates	337	135	359	245	285	333	310	318	2,321
<b>Total:</b>	2,300	1,445	2,288	1,538	1,771	2,071	1,926	1,974	15,313
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,055	709	1,081	736	850	1,006	894	916	7,246
Drainage and Wastewater Fund	909	600	848	557	637	733	722	740	5,746
Solid Waste Fund	337	135	359	245	285	333	310	318	2,321
<b>Total*:</b>	2,300	1,445	2,288	1,538	1,771	2,071	1,926	1,974	15,313
<b>O &amp; M Costs (Savings)</b>			164	164	164	164	164	164	984
<b>Spending Plan by Fund</b>									
Water Fund		723	1,081	736	850	1,006	894	916	6,205
Drainage and Wastewater Fund		601	848	557	637	733	722	740	4,838
Solid Waste Fund		138	359	245	285	333	310	318	1,987
<b>Total:</b>		1,462	2,288	1,538	1,771	2,071	1,926	1,974	13,030

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	1,371	1,373	1,330	1,525	1,523	1,149	1,199	1,229	10,700
Drainage and Wastewater Rates	941	1,047	1,150	1,296	1,262	929	969	993	8,586
Solid Waste Rates	431	460	461	529	528	399	416	426	3,651
<b>Total:</b>	2,744	2,880	2,941	3,350	3,314	2,477	2,584	2,649	22,937
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,371	1,373	1,330	1,525	1,523	1,149	1,199	1,229	10,700
Drainage and Wastewater Fund	941	1,047	1,150	1,296	1,262	929	969	993	8,586
Solid Waste Fund	431	460	461	529	528	399	416	426	3,651
<b>Total*:</b>	2,744	2,880	2,941	3,350	3,314	2,477	2,584	2,649	22,937
<b>O &amp; M Costs (Savings)</b>			210	210	210	210	210	210	1,260
<b>Spending Plan by Fund</b>									
Water Fund		1,792	1,330	1,525	1,523	1,149	1,199	1,229	9,747
Drainage and Wastewater Fund		1,437	1,007	1,091	1,080	929	969	993	7,506
Solid Waste Fund		603	461	529	528	399	416	426	3,363
<b>Total:</b>		3,832	2,798	3,145	3,132	2,477	2,584	2,649	20,616

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	6	0	0	522	880	880	918	941	4,148
Drainage and Wastewater Rates	390	588	876	694	711	711	742	761	5,474
Solid Waste Rates	75	80	0	181	305	305	319	327	1,593
<b>Total:</b>	471	668	876	1,398	1,897	1,897	1,979	2,029	11,215
<b>Fund Appropriations/Allocations</b>									
Water Fund	6	0	0	522	880	880	918	941	4,148
Drainage and Wastewater Fund	390	588	876	694	711	711	742	761	5,474
Solid Waste Fund	75	80	0	181	305	305	319	327	1,593
<b>Total*:</b>	471	668	876	1,398	1,897	1,897	1,979	2,029	11,215
<b>O &amp; M Costs (Savings)</b>			112	112	112	112	112	112	672
<b>Spending Plan by Fund</b>									
Water Fund		290	0	522	880	880	918	941	4,432
Drainage and Wastewater Fund		817	876	694	711	711	742	761	5,313
Solid Waste Fund		0	0	181	305	305	319	327	1,437
<b>Total:</b>		1,107	876	1,398	1,897	1,897	1,979	2,029	11,183

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**2013 - 2018 Proposed Capital Improvement Program**

# **SPU - WATER**





## Overview

SPU delivers an average of 120-130 million gallons of drinking water per day to more than 1.3 million people and businesses in Seattle and 22 surrounding cities and water districts. The water system infrastructure includes:

- The Cedar and South Fork Tolt supply sources
- Two wellfields
- Two primary water treatment plants
- 11 booster chlorination facilities
- 400 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
- Various buildings and other related facilities

Planned spending in the Water Capital Improvement Program (CIP) is \$374 million over the next six years. Project work includes covering open reservoirs to ensure water purity as required by state regulations; changes to the Morse Lake Pump Plant, which will improve access to water stored in Morse Lake and help the utility respond to drought situations; water system improvements associated with construction projects in the City's streets, highways, and bridges; and, investments in the Cedar River watershed mandated by the federal government as embodied in the Habitat Conservation Plan (HCP).

The 2013-2018 Proposed CIP also includes many ongoing programs, such as improving the distribution system of water mains, valves, and pump stations. The capital program also includes investments in watershed stewardship projects, water conservation programs, vehicles, and heavy equipment. By 2018, 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.

Funding for Water capital projects comes predominantly from water rates charged to retail and wholesale customers in the region. Water rates were adopted in the fall of 2011 for the period 2012 through 2014. SPU is currently drafting the update of its Water System Plan, a Washington Department of Health (WDOH) regulatory requirement due every six years. The plan is expected to be finalized and approved by WDOH by April 2013.

## 2013-2018 CIP

Three important trends have converged to put financial pressure on the Water Fund and shape this CIP.

The first is conservation. The City of Seattle and Seattle residents have worked together to reduce water consumption. As a result, water 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.

The second major trend is the recent history of major infrastructure investments. The Water Fund is transitioning from a period of constructing large capital projects responding to regulatory requirements to a period focused on the rehabilitation of physical infrastructure. Past investments include water treatment facilities on the Tolt and Cedar Rivers, 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, and residents, businesses and rate payers will benefit from these investments for years to come. The financial implications of the major generational investments will likewise continue to be felt for several budget cycles, as the utility pays off the bonds that were issued to finance past investments.

The third major trend shaping the 2013-2018 Proposed Water CIP is recent economic history. Though there are some signs of recovery in the national economy, the overall economic downturn continues to impact new development, which is the main source of CIP-related Water Fund revenue through the New Taps program. When new housing is brought on line, new services (e.g., New Taps) are required to supply those units with water. Since 2008, annual revenue from New Taps has decreased 64% and shows only the slightest signs of uptick in 2012.

The 2013-2018 time period will substantially close out the era of major projects in the Water Fund, including covering or decommissioning of the remaining three open reservoirs (consistent with City Ordinance 120899 which requires the covering of all of the City's reservoirs) and completing a new sockeye salmon fish hatchery, which is a requirement of the Cedar River Habitat Conservation Plan.

The 2013-2018 CIP includes only one remaining large project, the Morse Lake Pump Plant, and a few special mid-range programs, such as those related to transportation projects and improvements to SPU facilities. The Morse Lake Pump Plant project enables the Water Utility to reliably release water from Morse Lake into the Cedar River to maintain the supply of drinking water to the region and meet regulatory minimums for the amount of "instream flows" in the Cedar River to support aquatic habitat, wetlands, riparian vegetation, and water quality. Beyond these projects, emphasis is on asset management-based rehabilitation and replacement of distribution system infrastructure, including mains, valves, hydrants, and meters.

In the years outside of the 2013-2018 planning horizon, the overall CIP is anticipated to trend downwards, and investments will be focused on maintaining the physical infrastructure for distribution and transmission of clean drinking water, with continued watershed stewardship.

### **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 sources as tap fees received and developer watermain reimbursements. SPU issues bonds, serviced by ratepayers, which in the current rate period cover 59% 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 water mains. These "tap fees" are a volatile revenue source, trending with the construction-related sectors of the economy.

## Thematic Priorities and Project Selection

The overarching goal of the Water CIP is to ensure that the water system is properly upgraded and expanded to reliably deliver high-quality, safe drinking water to customers, protect the environment, and comply with regulations. The primary themes driving the CIP in the next six years are asset preservation, health and human safety, environmental sustainability, and race and social justice.

SPU’s capital planners identify candidate CIP projects through an awareness of ongoing planning processes (e.g., comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events that indicate specific investments are possibly recommended. SPU’s Asset Management system then provides rigorous analysis of projects, by using a business case process that establishes whether 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 -- or is a “must do” project (e.g., required by regulation).

After candidate projects have been identified, SPU prioritizes the capital projects for inclusion in the CIP 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 Reservoir Covering programs and the Habitat Conservation Program.
- **External Drivers:** SPU’s responsiveness to, or engagement with, the projects of other city departments or public jurisdictions, and the specific mandates of the City Council and Mayor. Examples of highly ranked projects in this category include the Alaskan Way Viaduct and Mercer Corridor projects.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Watermain Rehabilitation, Distribution System Improvements and Tank Improvements programs.
- **Level of Service:** The importance of this 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 social or environmental benefits not otherwise captured; is already in progress or near completion; represents a limited time opportunity; has community visibility, or has outside funding. Examples of highly ranked projects in this category include the Cedar Moraine Improvements and Riverton Heights Drainage Improvements projects.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment. Priority rankings for the CIP are determined by the leads for each Line of Business, with review by key internal stakeholders. The ranking scheme and criteria are the same for all Lines of Business, 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.

This process can also result in project scope changes, as more cost-effective approaches to meeting the business need are identified.

**CIP Expenditures by Major Category** (in ‘000s)

<b>Water Fund</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Distribution	\$19,778	\$20,394	\$22,741	\$24,085	\$25,279	\$25,670	\$137,947
Transmission	\$1,703	\$3,076	\$3,137	\$3,195	\$3,253	\$3,314	\$17,678
Watershed Stewardship	\$3	\$2	\$2	\$2	\$2	\$2	\$13
Water Quality and Treatment	\$3,334	\$5,304	\$4,775	\$326	\$100	\$100	\$13,939
Water Resources	\$6,683	\$8,212	\$17,590	\$14,287	\$9,197	\$3,237	\$59,207
Habitat Conservation Program	\$2,507	\$2,491	\$2,030	\$1,927	\$2,718	\$1,262	\$12,934
Shared Cost Projects	\$15,795	\$19,403	\$18,513	\$13,418	\$16,429	\$6,560	\$90,118
Technology	\$9,174	\$8,596	\$6,355	\$5,933	\$5,965	\$6,114	\$42,137
<b>Total</b>	<b>\$58,977</b>	<b>\$67,477</b>	<b>\$75,142</b>	<b>\$63,174</b>	<b>\$62,943</b>	<b>\$46,259</b>	<b>\$373,972</b>

**Distribution:** Projects and programs in this program 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.

In total, no changes are reflected in the **Distribution BCL** as compared to the same years in the Adopted 2012-2017 CIP. However, there has been a shift from the creation of new assets to rehabilitation of existing ones. This results in a decrease in the Distribution System Improvements project in the near term and a commensurate increase in the Watermain Rehabilitation project. The total BCL amount remains unchanged.

**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** of \$1.3 million in 2013 compared to the same year in the Adopted 2012-2017 CIP were due primarily to a shift in the timing of the business case presentation for the Cathodic Protection program, which has affected the expected construction start date for that project.

**Watershed Stewardship:** Projects and programs in this program category improve protection of SPU's 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.

The **Watershed Stewardship BCL** decreased \$1 million in 2013 and \$700,000 in 2014 mostly due to elimination of the Kerriston Road project, within which SPU acquired land that is now part of the Cedar River Watershed. Further land acquisitions have been cancelled as SPU believes the benefit from additional property acquisitions does not justify the costs.

**Water Quality & 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 & Treatment BCL** decreases \$2 million in 2013 and increases \$3.8 million in 2014 due to a one-year shift in the projected timing of corrective actions that may need to be taken due to possible design issues in three of the new reservoirs and an increase in cost projections for these actions.

**Water Resources:** The purpose of this program category is to manage the City's 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.

Increases in the **Water Resources BCL** of \$1.1 million in 2013 and reductions totaling \$531,000 in 2014 are a result of two factors. First, the Morse Lake Pump Plant project increases \$1.3 million in 2013 and \$2.6 million in 2014 as selection of the floating axial pump concept for the preferred solution resulted in changes to cost and schedule projections. The 2014 increase is mostly offset, however, by the second factor, which is an almost \$3 million reduction in the Water Supply Flexibility project. This reduction occurred due to delays in the development of construction plans for overflow dike rehabilitation work because of staffing constraints.

**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. This BCL will see decreases totaling \$865,000 in 2013 and \$1.2 million in 2014, primarily for this reason.

**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 2012, the Water program includes funding for several transportation-driven projects (the Alaskan Way Viaduct & Seawall Replacement, First Hill Streetcar, Bridging the Gap), Heavy Equipment Purchases, and Security, Facilities and SCADA Improvements. The SCADA system is Supervisory Control and Data Acquisition program, which funds improvements to the centralized monitoring and control of the drinking water system and includes, but is not limited to, flow and pressure sensors, remote control pumps, and valves.

The **Shared Cost Projects BCL** decreases \$2.4 million in 2013 and increases \$1.7 million in 2014. The primary driver of the 2013 decrease is the Heavy Equipment Purchases project (C4116-WF). Spending projections are adjusted in the fall of every year after detailed interviews with end-users and assessments of existing equipment are conducted, and the result of the most recent assessment is that less new equipment is needed in this year. In addition, as part of an overall effort to keep Water Fund expenditures within the level assumed in rates, efforts are being made to extend the useful life of heavy equipment and to downsize wherever possible. The key driver of the 2014 increase is the Regional Facility-WF project (C4107-WF) in which design is now underway for Landsburg Facility Upgrades and schedule adjustments are being made. Total project costs remain unchanged.

**Technology:** The Technology capital portfolio is managed via six business-focused program areas, which provide an enterprise-wide view of technology investments in the context of SPU's strategic, business, and City-wide priorities. These areas are: Customer Contact and Billing, Enterprise Information Management, IT Infrastructure, Project Delivery & Performance, Science & System Performance and Asset Information Management. Programmatic investments in 2013 and 2014 were prioritized within the context of SPU's key initiatives, which focus on improving internal controls, improving productivity and performance, improving customer service, transitioning from data rich to knowledge rich environments, and improving project delivery.

This program category is presented in the separate "Technology CIP" section of SPU's 2013-2018 Proposed CIP. The 2013-2018 Proposed CIP increases Technology CIP spending for all utility funds by \$4.29 million in 2013 and decreases it by \$261,000 in 2014 as compared to the 2012-2017 Adopted CIP. The Water Utility's Technology CIP amount increased \$1.5 million in 2013 and decreased \$89,022 in 2014 when compared to the 2012-2017 Adopted CIP. 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>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Distribution</b>									<b>C110B</b>
Chamber Upgrades - Distribution (C1137)	8	26	26	27	27	28	28	29	197
Distribution System Improvements (C1128)	1,724	1,478	1,140	3,500	3,800	4,800	5,490	5,500	27,432
Distribution System In-Line Gate Valves (C1136)	392	306	300	318	325	331	338	345	2,654
Multiple Utility Relocation (C1133)	4,735	835	2,136	147	541	552	563	574	10,082
Pump Station Improvements (C1135)	166	510	200	250	541	552	563	574	3,357
Tank Improvements (C1134)	2,405	1,554	120	500	1,500	50	50	50	6,229
Water Infrastructure - Distribution System Modifications (C1138)	0	0	200	200	200	200	200	200	1,200
Water Infrastructure - Hydrant Replacement/Relocation (C1110)	4,548	410	364	371	379	386	394	402	7,255
Water Infrastructure - New Hydrants (C1112)	514	102	104	106	108	110	113	115	1,272
Water Infrastructure - New Taps (C1113)	89,389	4,080	4,800	4,900	5,000	5,100	5,200	5,300	123,769
Water Infrastructure - Service Renewal (C1109)	90,431	5,610	5,722	5,837	5,953	6,072	6,194	6,318	132,137
Water Infrastructure - Watermain Extensions (C1111)	12,315	663	800	805	812	828	845	862	17,930
Watermain Rehabilitation (C1129)	5,349	626	3,866	3,433	3,555	5,075	5,301	5,401	32,605
<b>Distribution</b>	211,975	16,200	19,778	20,394	22,741	24,085	25,279	25,670	366,120
<b>Transmission</b>									<b>C120B</b>
Cathodic Protection Program (C1208)	608	632	350	1,698	1,732	1,767	1,802	1,838	10,426
Purveyor Meters Replace - SPU (C1206)	548	100	100	100	100	100	100	100	1,248
Replace Air Valve Chambers (C1209)	1,617	109	112	117	122	125	125	127	2,455
Transmission Pipelines Rehabilitation (C1207)	2,963	402	1,040	1,061	1,082	1,104	1,126	1,149	9,928
Water System Dewatering (C1205)	179	100	100	100	100	100	100	100	879
<b>Transmission</b>	5,914	1,343	1,703	3,076	3,137	3,195	3,253	3,314	24,935

\*Amounts in thousands of dollars

**2013 - 2018 Proposed Capital Improvement Program**

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
<b>Watershed Stewardship</b>									<b>C130B</b>
Cedar Bridges (C1307)	621	625	1	1	1	1	1	1	1,252
Cedar River - Boundary Land Acquisition (C1312)	370	180	0	0	0	0	0	0	550
Tolt Bridges (C1308)	0	0	1	1	1	1	1	1	6
Tolt Watershed Restoration (C1310)	233	83	0	0	0	0	0	0	316
Transmission Right-of-Way Improvements (C1316)	0	80	1	0	0	0	0	0	81
<b>Watershed Stewardship</b>	1,224	968	3	2	2	2	2	2	2,204
<b>Water Quality &amp; Treatment</b>									<b>C140B</b>
Cedar Treatment Screening Improvements (C1415)	0	0	0	0	0	0	0	0	0
Landsburg Chlorination Upgrades (C1417)	12	255	524	786	524	26	0	0	2,127
Reservoir Covering - Beacon (C1408)	41,912	10	650	250	3,500	100	0	0	46,422
Reservoir Covering - Maple Leaf (C1411)	31,104	6,700	1,250	950	500	50	0	0	40,554
Reservoir Covering - Myrtle (C1410)	12,268	10	50	50	50	50	0	0	12,478
Reservoir Covering - Volunteer (C1407)	94	0	20	0	0	0	0	0	114
Reservoir Covering - West Seattle (C1409)	33,070	100	700	3,025	100	0	0	0	36,995
Treatment Facility/Water Quality Improvements (C1413)	179	100	0	100	100	100	100	100	779
Water Quality Equipment (C1414)	211	138	140	143	1	0	0	0	633
<b>Water Quality &amp; Treatment</b>	118,851	7,313	3,334	5,304	4,775	326	100	100	140,103
<b>Water Resources</b>									<b>C150B</b>
Dam Safety Program (C1506)	6,665	181	245	1,025	625	125	25	25	8,916
Morse Lake Pump Plant (C1508)	11,410	2,600	3,304	4,493	11,458	11,458	5,960	0	50,683
Regional Water Conservation Program (C1504)	16,200	1,887	1,769	1,804	1,840	1,877	1,939	1,953	29,269
Seattle Direct Service Additional Conservation (C1505)	5,240	663	676	690	704	718	732	747	10,169
Water Supply Flexibility Program (C1507)	209	25	669	200	2,963	0	0	0	4,067

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program



## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Water System Plan - 2013 (C1509)	293	261	20	0	0	0	0	0	574
Water System Plan - 2019 (C1510)	0	0	0	0	0	110	541	513	1,164
<b>Water Resources</b>	40,017	5,617	6,683	8,212	17,590	14,287	9,197	3,237	104,841
<b>Habitat Conservation Program</b>									<b>C160B</b>
Ballard Locks Improvements (C1606)	9,145	0	0	0	0	0	1,375	0	10,520
Cedar Sockeye Hatchery (C1605)	20,156	320	46	36	10	0	0	0	20,568
Downstream Fish Habitat (C1607)	1,668	2,200	336	728	430	293	0	0	5,655
Instream Flow Management Studies (C1608)	4,697	200	229	258	237	241	33	33	5,929
Stream & Riparian Restoration (C1602)	6,837	442	383	392	359	367	374	275	9,429
Upland Reserve Forest Restoration (C1603)	6,534	588	530	281	183	186	80	81	8,462
Watershed Road Improvement/Decommissioning (C1601)	10,397	1,163	984	795	811	839	856	873	16,717
<b>Habitat Conservation Program</b>	59,433	4,913	2,507	2,491	2,030	1,927	2,718	1,262	77,280
<b>Shared Cost Projects</b>									<b>C410B</b>
1% for Art – WF (C4118-WF)	1,092	127	181	237	250	211	211	211	2,521
Alaskan Way Viaduct & Seawall Replacement Program - WF (C4102-WF)	2,992	1,694	2,430	2,985	2,340	1,955	478	742	15,616
Bridging the Gap - WF (C4119 -WF)	5,946	1,455	1,572	1,604	1,636	1,668	766	781	15,427
Emergency Storms - WF (C4120-WF)	50	50	50	50	50	50	50	50	400
First Hill Streetcar - WF (C4130-WF)	0	0	0	0	0	0	0	0	0
Heavy Equipment Purchases - WF (C4116-WF)	7,093	3,303	2,000	2,000	2,000	2,000	2,000	2,000	22,396
Integrated Control Monitoring Program - WF (C4108-WF)	7,294	585	0	0	405	0	400	400	9,084
Mercer Corridor Project East Phase - WF (C4114-WF)	2,137	600	520	0	0	0	0	0	3,257
Mercer Corridor Project West Phase - WF (C4133-WF)	58	364	939	106	78	0	0	0	1,543
Meter Replacement - WF (C4101-WF)	4,291	614	707	634	645	655	348	354	8,247

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Operational Facility - Construction - WF (C4106- WF)	14,309	561	1,183	3,198	2,213	1,770	343	85	23,662
Operational Facility - Other - WF (C4115-WF)	863	339	170	165	2,130	65	0	0	3,732
Operations Control Center - WF (C4105-WF)	4,398	192	170	706	8	242	601	27	6,345
Other Major Transportation Projects - WF (C4123-WF)	12	372	290	265	54	55	56	0	1,106
Regional Facility - WF (C4107 -WF)	2,515	2,682	3,321	5,059	5,439	2,902	9,300	0	31,216
Security Improvements - WF (C4113-WF)	5,240	2,000	1,988	1,980	1,111	1,744	1,776	1,809	17,648
Sound Transit - North Link - WF (C4135-WF)	0	88	72	300	125	100	100	100	884
Sound Transit - Water Betterment (C4125)	1,502	120	0	0	0	0	0	0	1,622
Sound Transit – University Link - WF (C4110-WF)	292	106	202	114	30	0	0	0	745
<b>Shared Cost Projects</b>	60,084	15,250	15,795	19,403	18,513	13,418	16,429	6,560	165,453
<b>Technology</b>									<b>BCL/Program Code: C510B</b>
Asset Information Management (C5407)	1,849	2,281	1,782	1,310	1,048	1,048	1,093	1,120	11,532
Customer Contact & Billing (C5402)	311	744	4,691	4,214	1,775	1,579	1,648	1,689	16,651
Enterprise Information Management (C5403)	50	250	291	288	279	271	213	218	1,861
IT Infrastructure (C5404)	1,055	709	1,081	736	850	1,006	894	916	7,246
Project Delivery & Performance (C5405)	1,371	1,373	1,330	1,525	1,523	1,149	1,199	1,229	10,700
Science & System Performance (C5406)	6	0	0	522	880	880	918	941	4,148
<b>Technology</b>	4,642	5,358	9,174	8,596	6,355	5,933	5,965	6,114	52,137
<b>Department Total*:</b>	502,141	56,962	58,977	67,477	75,142	63,174	62,943	46,259	933,074

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Water Fund (43000)	502,141	56,962	58,977	67,477	75,142	63,174	62,943	46,259	933,074
<b>Department Total*:</b>	502,141	56,962	58,977	67,477	75,142	63,174	62,943	46,259	933,074

*\*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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	1,092	127	181	237	250	211	211	211	2,521
<b>Total:</b>	1,092	127	181	237	250	211	211	211	2,521
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,092	127	181	237	250	211	211	211	2,521
<b>Total*:</b>	1,092	127	181	237	250	211	211	211	2,521
<b>O &amp; M Costs (Savings)</b>			25	25	25	25	25	25	151
<b>Spending Plan by Fund</b>									
Water Fund		200	181	237	250	211	211	211	1,502
<b>Total:</b>		200	181	237	250	211	211	211	1,502

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

**2013 - 2018 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>	Q4/2018
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	2,992	1,694	2,430	2,985	2,340	1,955	478	742	15,616
<b>Total:</b>	2,992	1,694	2,430	2,985	2,340	1,955	478	742	15,616
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,992	1,694	2,430	2,985	2,340	1,955	478	742	15,616
<b>Total*:</b>	2,992	1,694	2,430	2,985	2,340	1,955	478	742	15,616
<b>O &amp; M Costs (Savings)</b>			168	168	168	168	168	168	1,009
<b>Spending Plan by Fund</b>									
Water Fund		1,616	2,430	2,985	2,340	1,955	478	742	12,546
<b>Total:</b>		1,616	2,430	2,985	2,340	1,955	478	742	12,546

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

**2013 - 2018 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>	Q4/2017
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	9,145	0	0	0	0	0	1,375	0	10,520
<b>Total:</b>	9,145	0	0	0	0	0	1,375	0	10,520
<b>Fund Appropriations/Allocations</b>									
Water Fund	9,145	0	0	0	0	0	1,375	0	10,520
<b>Total*:</b>	9,145	0	0	0	0	0	1,375	0	10,520
<b>O &amp; M Costs (Savings)</b>			105	105	105	105	105	105	631

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

**2013 - 2018 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>	Q4/2020
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	5,946	1,455	1,572	1,604	1,636	1,668	766	781	15,427
<b>Total:</b>	5,946	1,455	1,572	1,604	1,636	1,668	766	781	15,427
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,946	1,455	1,572	1,604	1,636	1,668	766	781	15,427
<b>Total*:</b>	5,946	1,455	1,572	1,604	1,636	1,668	766	781	15,427
<b>O &amp; M Costs (Savings)</b>			173	173	173	173	173	173	1,039
<b>Spending Plan by Fund</b>									
Water Fund		512	1,572	1,604	1,636	1,668	766	781	8,539
<b>Total:</b>		512	1,572	1,604	1,636	1,668	766	781	8,539

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	608	632	350	1,698	1,732	1,767	1,802	1,838	10,426
<b>Total:</b>	608	632	350	1,698	1,732	1,767	1,802	1,838	10,426
<b>Fund Appropriations/Allocations</b>									
Water Fund	608	632	350	1,698	1,732	1,767	1,802	1,838	10,426
<b>Total*:</b>	608	632	350	1,698	1,732	1,767	1,802	1,838	10,426
<b>O &amp; M Costs (Savings)</b>			104	104	104	104	104	104	626

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

**2013 - 2018 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. No projects are currently planned for the 2013-2018 timeframe but as projects are identified, necessary funding will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	621	625	1	1	1	1	1	1	1,252
<b>Total:</b>	621	625	1	1	1	1	1	1	1,252
<b>Fund Appropriations/Allocations</b>									
Water Fund	621	625	1	1	1	1	1	1	1,252
<b>Total*:</b>	621	625	1	1	1	1	1	1	1,252
<b>O &amp; M Costs (Savings)</b>			13	13	13	13	13	13	75
<b>Spending Plan by Fund</b>									
Water Fund		989	1	1	1	1	1	1	995
<b>Total:</b>		989	1	1	1	1	1	1	995

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

**2013 - 2018 Proposed Capital Improvement Program**

**Cedar River - Boundary Land Acquisition**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	C1312	<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>	Outside Seattle City	<b>Urban Village:</b>	Outside Seattle City

This ongoing project enables the City to evaluate risks to protection and security of the Cedar River Municipal Watershed posed by changes in adjacent and surrounding land uses, and to respond as opportunities arise by acquiring real property. Although the City owns virtually all lands draining to the municipal water supply intake on the Cedar River, some exceptions remain along the boundary. The past decade has seen significant changes in ownership and land use of properties immediately adjoining the City's property. Although this is an ongoing project, no work is currently planned for 2013-2018.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	370	180	0	0	0	0	0	0	550
<b>Total:</b>	370	180	0	0	0	0	0	0	550
<b>Fund Appropriations/Allocations</b>									
Water Fund	370	180	0	0	0	0	0	0	550
<b>Total*:</b>	370	180	0	0	0	0	0	0	550
<b>O &amp; M Costs (Savings)</b>			5	5	5	5	5	5	33
<b>Spending Plan by Fund</b>									
Water Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		0	0	0	0	0	0	0	0

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**2013 - 2018 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>	Q3/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	20,156	320	46	36	10	0	0	0	20,568
<b>Total:</b>	20,156	320	46	36	10	0	0	0	20,568
<b>Fund Appropriations/Allocations</b>									
Water Fund	20,156	320	46	36	10	0	0	0	20,568
<b>Total*:</b>	20,156	320	46	36	10	0	0	0	20,568
<b>O &amp; M Costs (Savings)</b>			206	206	206	206	206	206	1,234
<b>Spending Plan by Fund</b>									
Water Fund		540	46	36	10	0	0	0	632
<b>Total:</b>		540	46	36	10	0	0	0	632

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**2013 - 2018 Proposed Capital Improvement Program**

**Cedar Treatment Screening Improvements**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	C1415	<b>End Date:</b>	Q4/2013
<b>Location:</b>	16207 SE Petrovitsky Road, Renton		
<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. No projects are currently planned for the 2013-2018 timeframe but as projects are identified, necessary funding will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	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>									
Water 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

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	8	26	26	27	27	28	28	29	197
<b>Total:</b>	8	26	26	27	27	28	28	29	197
<b>Fund Appropriations/Allocations</b>									
Water Fund	8	26	26	27	27	28	28	29	197
<b>Total*:</b>	8	26	26	27	27	28	28	29	197
<b>O &amp; M Costs (Savings)</b>			2	2	2	2	2	2	12

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	6,665	181	245	1,025	625	125	25	25	8,916
<b>Total:</b>	6,665	181	245	1,025	625	125	25	25	8,916
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,665	181	245	1,025	625	125	25	25	8,916
<b>Total*:</b>	6,665	181	245	1,025	625	125	25	25	8,916
<b>O &amp; M Costs (Savings)</b>			89	89	89	89	89	89	535
<b>Spending Plan by Fund</b>									
Water Fund		399	245	1,025	625	125	25	25	2,469
<b>Total:</b>		399	245	1,025	625	125	25	25	2,469

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	1,724	1,478	1,140	3,500	3,800	4,800	5,490	5,500	27,432
<b>Total:</b>	1,724	1,478	1,140	3,500	3,800	4,800	5,490	5,500	27,432
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,724	1,478	1,140	3,500	3,800	4,800	5,490	5,500	27,432
<b>Total*:</b>	1,724	1,478	1,140	3,500	3,800	4,800	5,490	5,500	27,432
<b>O &amp; M Costs (Savings)</b>			274	274	274	274	274	274	1,646
<b>Spending Plan by Fund</b>									
Water Fund		4,401	1,140	3,500	3,800	4,800	5,490	5,500	28,631
<b>Total:</b>		4,401	1,140	3,500	3,800	4,800	5,490	5,500	28,631

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	392	306	300	318	325	331	338	345	2,654
<b>Total:</b>	392	306	300	318	325	331	338	345	2,654
<b>Fund Appropriations/Allocations</b>									
Water Fund	392	306	300	318	325	331	338	345	2,654
<b>Total*:</b>	392	306	300	318	325	331	338	345	2,654
<b>O &amp; M Costs (Savings)</b>			27	27	27	27	27	27	159

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**2013 - 2018 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>	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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	1,668	2,200	336	728	430	293	0	0	5,655
<b>Total:</b>	1,668	2,200	336	728	430	293	0	0	5,655
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,668	2,200	336	728	430	293	0	0	5,655
<b>Total*:</b>	1,668	2,200	336	728	430	293	0	0	5,655
<b>O &amp; M Costs (Savings)</b>			57	57	57	57	57	57	339
<b>Spending Plan by Fund</b>									
Water Fund		1,648	336	728	430	293	0	0	3,435
<b>Total:</b>		1,648	336	728	430	293	0	0	3,435

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	50	50	50	50	50	50	50	50	400
<b>Total:</b>	50	50	50	50	50	50	50	50	400
<b>Fund Appropriations/Allocations</b>									
Water Fund	50	50	50	50	50	50	50	50	400
<b>Total*:</b>	50	50	50	50	50	50	50	50	400
<b>O &amp; M Costs (Savings)</b>			4	4	4	4	4	4	24

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

**2013 - 2018 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>	Q4/2013
<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. No capitalizable betterments have been identified for the 2013-2018 timeframe but if they are, necessary funding will be requested. Operating funding for the project is currently proposed as part of the 2013-2014 Proposed Budget.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	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>									
Water 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>									
Water Fund		732	0	0	0	0	0	0	732
<b>Total:</b>		732	0	0	0	0	0	0	732

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	7,093	3,303	2,000	2,000	2,000	2,000	2,000	2,000	22,396
<b>Total:</b>	7,093	3,303	2,000	2,000	2,000	2,000	2,000	2,000	22,396
<b>Fund Appropriations/Allocations</b>									
Water Fund	7,093	3,303	2,000	2,000	2,000	2,000	2,000	2,000	22,396
<b>Total*:</b>	7,093	3,303	2,000	2,000	2,000	2,000	2,000	2,000	22,396
<b>O &amp; M Costs (Savings)</b>			224	224	224	224	224	224	1,344
<b>Spending Plan by Fund</b>									
Water Fund		2,300	2,000	2,000	2,000	2,000	2,000	2,000	14,300
<b>Total:</b>		2,300	2,000	2,000	2,000	2,000	2,000	2,000	14,300

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**2013 - 2018 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>	Q4/2018
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	4,697	200	229	258	237	241	33	33	5,929
<b>Total:</b>	4,697	200	229	258	237	241	33	33	5,929
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,697	200	229	258	237	241	33	33	5,929
<b>Total*:</b>	4,697	200	229	258	237	241	33	33	5,929
<b>O &amp; M Costs (Savings)</b>			59	59	59	59	59	59	356
<b>Spending Plan by Fund</b>									
Water Fund		295	229	258	237	241	33	33	1,328
<b>Total:</b>		295	229	258	237	241	33	33	1,328

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	7,294	585	0	0	405	0	400	400	9,084
<b>Total:</b>	7,294	585	0	0	405	0	400	400	9,084
<b>Fund Appropriations/Allocations</b>									
Water Fund	7,294	585	0	0	405	0	400	400	9,084
<b>Total*:</b>	7,294	585	0	0	405	0	400	400	9,084
<b>O &amp; M Costs (Savings)</b>			90	90	90	90	90	90	542
<b>Spending Plan by Fund</b>									
Water Fund		265	0	0	405	0	400	400	1,470
<b>Total:</b>		265	0	0	405	0	400	400	1,470

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	12	255	524	786	524	26	0	0	2,127
<b>Total:</b>	12	255	524	786	524	26	0	0	2,127
<b>Fund Appropriations/Allocations</b>									
Water Fund	12	255	524	786	524	26	0	0	2,127
<b>Total*:</b>	12	255	524	786	524	26	0	0	2,127
<b>O &amp; M Costs (Savings)</b>			21	21	21	21	21	21	128
<b>Spending Plan by Fund</b>									
Water Fund		262	524	786	524	26	0	0	2,122
<b>Total:</b>		262	524	786	524	26	0	0	2,122

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

**2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	2,137	600	520	0	0	0	0	0	3,257
<b>Total:</b>	2,137	600	520	0	0	0	0	0	3,257
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,137	600	520	0	0	0	0	0	3,257
<b>Total*:</b>	2,137	600	520	0	0	0	0	0	3,257
<b>O &amp; M Costs (Savings)</b>			33	33	33	33	33	33	195
<b>Spending Plan by Fund</b>									
Water Fund		500	520	0	0	0	0	0	1,020
<b>Total:</b>		500	520	0	0	0	0	0	1,020

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	58	364	939	106	78	0	0	0	1,543
<b>Total:</b>	58	364	939	106	78	0	0	0	1,543
<b>Fund Appropriations/Allocations</b>									
Water Fund	58	364	939	106	78	0	0	0	1,543
<b>Total*:</b>	58	364	939	106	78	0	0	0	1,543
<b>O &amp; M Costs (Savings)</b>			15	15	15	15	15	15	93
<b>Spending Plan by Fund</b>									
Water Fund		251	939	106	78	0	0	0	1,373
<b>Total:</b>		251	939	106	78	0	0	0	1,373

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	4,291	614	707	634	645	655	348	354	8,247
<b>Total:</b>	4,291	614	707	634	645	655	348	354	8,247
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,291	614	707	634	645	655	348	354	8,247
<b>Total*:</b>	4,291	614	707	634	645	655	348	354	8,247
<b>O &amp; M Costs (Savings)</b>			89	89	89	89	89	89	534
<b>Spending Plan by Fund</b>									
Water Fund		613	707	634	645	655	348	354	3,956
<b>Total:</b>		613	707	634	645	655	348	354	3,956

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	11,410	2,600	3,304	4,493	11,458	11,458	5,960	0	50,683
<b>Total:</b>	11,410	2,600	3,304	4,493	11,458	11,458	5,960	0	50,683
<b>Fund Appropriations/Allocations</b>									
Water Fund	11,410	2,600	3,304	4,493	11,458	11,458	5,960	0	50,683
<b>Total*:</b>	11,410	2,600	3,304	4,493	11,458	11,458	5,960	0	50,683
<b>O &amp; M Costs (Savings)</b>			507	507	507	507	507	507	3,041
<b>Spending Plan by Fund</b>									
Water Fund		1,885	3,304	4,493	11,458	11,458	5,960	0	38,558
<b>Total:</b>		1,885	3,304	4,493	11,458	11,458	5,960	0	38,558

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	4,735	835	2,136	147	541	552	563	574	10,082
<b>Total:</b>	4,735	835	2,136	147	541	552	563	574	10,082
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,735	835	2,136	147	541	552	563	574	10,082
<b>Total*:</b>	4,735	835	2,136	147	541	552	563	574	10,082
<b>O &amp; M Costs (Savings)</b>			101	101	101	101	101	101	605
<b>Spending Plan by Fund</b>									
Water Fund		837	2,136	147	541	552	563	574	5,350
<b>Total:</b>		837	2,136	147	541	552	563	574	5,350

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	14,309	561	1,183	3,198	2,213	1,770	343	85	23,662
<b>Total:</b>	14,309	561	1,183	3,198	2,213	1,770	343	85	23,662
<b>Fund Appropriations/Allocations</b>									
Water Fund	14,309	561	1,183	3,198	2,213	1,770	343	85	23,662
<b>Total*:</b>	14,309	561	1,183	3,198	2,213	1,770	343	85	23,662
<b>O &amp; M Costs (Savings)</b>			238	238	238	238	238	238	1,427
<b>Spending Plan by Fund</b>									
Water Fund		595	1,183	3,198	2,213	1,770	343	85	9,387
<b>Total:</b>		595	1,183	3,198	2,213	1,770	343	85	9,387

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	863	339	170	165	2,130	65	0	0	3,732
<b>Total:</b>	863	339	170	165	2,130	65	0	0	3,732
<b>Fund Appropriations/Allocations</b>									
Water Fund	863	339	170	165	2,130	65	0	0	3,732
<b>Total*:</b>	863	339	170	165	2,130	65	0	0	3,732
<b>O &amp; M Costs (Savings)</b>			37	37	37	37	37	37	224
<b>Spending Plan by Fund</b>									
Water Fund		379	170	165	2,130	65	0	0	2,909
<b>Total:</b>		379	170	165	2,130	65	0	0	2,909

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	4,398	192	170	706	8	242	601	27	6,345
<b>Total:</b>	4,398	192	170	706	8	242	601	27	6,345
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,398	192	170	706	8	242	601	27	6,345
<b>Total*:</b>	4,398	192	170	706	8	242	601	27	6,345
<b>O &amp; M Costs (Savings)</b>			64	64	64	64	64	64	386
<b>Spending Plan by Fund</b>									
Water Fund		140	170	706	8	242	601	27	1,894
<b>Total:</b>		140	170	706	8	242	601	27	1,894

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	12	372	290	265	54	55	56	0	1,106
<b>Total:</b>	12	372	290	265	54	55	56	0	1,106
<b>Fund Appropriations/Allocations</b>									
Water Fund	12	372	290	265	54	55	56	0	1,106
<b>Total*:</b>	12	372	290	265	54	55	56	0	1,106
<b>O &amp; M Costs (Savings)</b>			11	11	11	11	11	11	65
<b>Spending Plan by Fund</b>									
Water Fund		51	290	265	54	55	56	0	772
<b>Total:</b>		51	290	265	54	55	56	0	772

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	166	510	200	250	541	552	563	574	3,357
<b>Total:</b>	166	510	200	250	541	552	563	574	3,357
<b>Fund Appropriations/Allocations</b>									
Water Fund	166	510	200	250	541	552	563	574	3,357
<b>Total*:</b>	166	510	200	250	541	552	563	574	3,357
<b>O &amp; M Costs (Savings)</b>			34	34	34	34	34	34	201
<b>Spending Plan by Fund</b>									
Water Fund		150	200	250	541	552	563	574	2,831
<b>Total:</b>		150	200	250	541	552	563	574	2,831

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	548	100	100	100	100	100	100	100	1,248
<b>Total:</b>	548	100	100	100	100	100	100	100	1,248
<b>Fund Appropriations/Allocations</b>									
Water Fund	548	100	100	100	100	100	100	100	1,248
<b>Total*:</b>	548	100	100	100	100	100	100	100	1,248
<b>O &amp; M Costs (Savings)</b>			12	12	12	12	12	12	75

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	2,515	2,682	3,321	5,059	5,439	2,902	9,300	0	31,216
<b>Total:</b>	2,515	2,682	3,321	5,059	5,439	2,902	9,300	0	31,216
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,515	2,682	3,321	5,059	5,439	2,902	9,300	0	31,216
<b>Total*:</b>	2,515	2,682	3,321	5,059	5,439	2,902	9,300	0	31,216
<b>O &amp; M Costs (Savings)</b>			318	318	318	318	318	318	1,908
<b>Spending Plan by Fund</b>									
Water Fund		1,952	3,321	5,059	5,439	2,902	9,300	0	27,972
<b>Total:</b>		1,952	3,321	5,059	5,439	2,902	9,300	0	27,972

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	16,200	1,887	1,769	1,804	1,840	1,877	1,939	1,953	29,269
<b>Total:</b>	16,200	1,887	1,769	1,804	1,840	1,877	1,939	1,953	29,269
<b>Fund Appropriations/Allocations</b>									
Water Fund	16,200	1,887	1,769	1,804	1,840	1,877	1,939	1,953	29,269
<b>Total*:</b>	16,200	1,887	1,769	1,804	1,840	1,877	1,939	1,953	29,269
<b>O &amp; M Costs (Savings)</b>			293	293	293	293	293	293	1,756

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	1,617	109	112	117	122	125	125	127	2,455
<b>Total:</b>	1,617	109	112	117	122	125	125	127	2,455
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,617	109	112	117	122	125	125	127	2,455
<b>Total*:</b>	1,617	109	112	117	122	125	125	127	2,455
<b>O &amp; M Costs (Savings)</b>			25	25	25	25	25	25	147

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	41,912	10	650	250	3,500	100	0	0	46,422
<b>Total:</b>	41,912	10	650	250	3,500	100	0	0	46,422
<b>Fund Appropriations/Allocations</b>									
Water Fund	41,912	10	650	250	3,500	100	0	0	46,422
<b>Total*:</b>	41,912	10	650	250	3,500	100	0	0	46,422
<b>O &amp; M Costs (Savings)</b>			464	464	464	464	464	464	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.*

**2013 - 2018 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.

	<b>LTD Actuals</b>	<b>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	31,104	6,700	1,250	950	500	50	0	0	40,554
<b>Total:</b>	31,104	6,700	1,250	950	500	50	0	0	40,554
<b>Fund Appropriations/Allocations</b>									
Water Fund	31,104	6,700	1,250	950	500	50	0	0	40,554
<b>Total*:</b>	31,104	6,700	1,250	950	500	50	0	0	40,554
<b>O &amp; M Costs (Savings)</b>			406	406	406	406	406	406	2,433
<b>Spending Plan by Fund</b>									
Water Fund		6,500	1,250	950	500	50	0	0	9,250
<b>Total:</b>		6,500	1,250	950	500	50	0	0	9,250

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	12,268	10	50	50	50	50	0	0	12,478
<b>Total:</b>	12,268	10	50	50	50	50	0	0	12,478
<b>Fund Appropriations/Allocations</b>									
Water Fund	12,268	10	50	50	50	50	0	0	12,478
<b>Total*:</b>	12,268	10	50	50	50	50	0	0	12,478
<b>O &amp; M Costs (Savings)</b>			125	125	125	125	125	125	749

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

**2013 - 2018 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>	Q1/2016
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	94	0	20	0	0	0	0	0	114
<b>Total:</b>	94	0	20	0	0	0	0	0	114
<b>Fund Appropriations/Allocations</b>									
Water Fund	94	0	20	0	0	0	0	0	114
<b>Total*:</b>	94	0	20	0	0	0	0	0	114
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	7

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	33,070	100	700	3,025	100	0	0	0	36,995
<b>Total:</b>	33,070	100	700	3,025	100	0	0	0	36,995
<b>Fund Appropriations/Allocations</b>									
Water Fund	33,070	100	700	3,025	100	0	0	0	36,995
<b>Total*:</b>	33,070	100	700	3,025	100	0	0	0	36,995
<b>O &amp; M Costs (Savings)</b>			370	370	370	370	370	370	2,220

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	5,240	663	676	690	704	718	732	747	10,169
<b>Total:</b>	5,240	663	676	690	704	718	732	747	10,169
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,240	663	676	690	704	718	732	747	10,169
<b>Total*:</b>	5,240	663	676	690	704	718	732	747	10,169
<b>O &amp; M Costs (Savings)</b>			102	102	102	102	102	102	610
<b>Spending Plan by Fund</b>									
Water Fund		717	676	690	704	718	732	747	4,983
<b>Total:</b>		717	676	690	704	718	732	747	4,983

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	5,240	2,000	1,988	1,980	1,111	1,744	1,776	1,809	17,648
<b>Total:</b>	5,240	2,000	1,988	1,980	1,111	1,744	1,776	1,809	17,648
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,240	2,000	1,988	1,980	1,111	1,744	1,776	1,809	17,648
<b>Total*:</b>	5,240	2,000	1,988	1,980	1,111	1,744	1,776	1,809	17,648
<b>O &amp; M Costs (Savings)</b>			173	173	173	173	173	173	1,040
<b>Spending Plan by Fund</b>									
Water Fund		2,000	1,988	1,980	1,111	1,744	1,776	1,809	12,408
<b>Total:</b>		2,000	1,988	1,980	1,111	1,744	1,776	1,809	12,408

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	0	88	72	300	125	100	100	100	884
<b>Total:</b>	0	88	72	300	125	100	100	100	884
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	88	72	300	125	100	100	100	884
<b>Total*:</b>	0	88	72	300	125	100	100	100	884
<b>O &amp; M Costs (Savings)</b>			5	5	5	5	5	5	30
<b>Spending Plan by Fund</b>									
Water Fund		0	72	300	125	100	100	100	797
<b>Total:</b>		0	72	300	125	100	100	100	797

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**2013 - 2018 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>	Q1/2005
<b>Project ID:</b>	C4125	<b>End Date:</b>	Q4/2012
<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. No specific betterments have been identified over the 2013-2018 time frame but once they are, spending authority will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	1,502	120	0	0	0	0	0	0	1,622
<b>Total:</b>	1,502	120	0	0	0	0	0	0	1,622
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,502	120	0	0	0	0	0	0	1,622
<b>Total*:</b>	1,502	120	0	0	0	0	0	0	1,622
<b>O &amp; M Costs (Savings)</b>			16	16	16	16	16	16	97

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

**2013 - 2018 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>	Q4/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	292	106	202	114	30	0	0	0	745
<b>Total:</b>	292	106	202	114	30	0	0	0	745
<b>Fund Appropriations/Allocations</b>									
Water Fund	292	106	202	114	30	0	0	0	745
<b>Total*:</b>	292	106	202	114	30	0	0	0	745
<b>O &amp; M Costs (Savings)</b>			8	8	8	8	8	8	49
<b>Spending Plan by Fund</b>									
Water Fund		175	202	114	30	0	0	0	522
<b>Total:</b>		175	202	114	30	0	0	0	522

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	6,837	442	383	392	359	367	374	275	9,429
<b>Total:</b>	6,837	442	383	392	359	367	374	275	9,429
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,837	442	383	392	359	367	374	275	9,429
<b>Total*:</b>	6,837	442	383	392	359	367	374	275	9,429
<b>O &amp; M Costs (Savings)</b>			94	94	94	94	94	94	566

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	2,405	1,554	120	500	1,500	50	50	50	6,229
<b>Total:</b>	2,405	1,554	120	500	1,500	50	50	50	6,229
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,405	1,554	120	500	1,500	50	50	50	6,229
<b>Total*:</b>	2,405	1,554	120	500	1,500	50	50	50	6,229
<b>O &amp; M Costs (Savings)</b>			62	62	62	62	62	62	374
<b>Spending Plan by Fund</b>									
Water Fund		1,816	120	500	1,500	50	50	50	4,086
<b>Total:</b>		1,816	120	500	1,500	50	50	50	4,086

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	0	0	1	1	1	1	1	1	6
<b>Total:</b>	0	0	1	1	1	1	1	1	6
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	1	1	1	1	1	1	6
<b>Total*:</b>	0	0	1	1	1	1	1	1	6
<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.*

**2013 - 2018 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>	Q2/2009
<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. No work has been identified over the 2013-2018 time frame but once it is appropriate spending authority will be requested.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	233	83	0	0	0	0	0	0	316
<b>Total:</b>	233	83	0	0	0	0	0	0	316
<b>Fund Appropriations/Allocations</b>									
Water Fund	233	83	0	0	0	0	0	0	316
<b>Total*:</b>	233	83	0	0	0	0	0	0	316
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	3	19
<b>Spending Plan by Fund</b>									
Water Fund		86	0	0	0	0	0	0	86
<b>Total:</b>		86	0	0	0	0	0	0	86

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	2,963	402	1,040	1,061	1,082	1,104	1,126	1,149	9,928
<b>Total:</b>	2,963	402	1,040	1,061	1,082	1,104	1,126	1,149	9,928
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,963	402	1,040	1,061	1,082	1,104	1,126	1,149	9,928
<b>Total*:</b>	2,963	402	1,040	1,061	1,082	1,104	1,126	1,149	9,928
<b>O &amp; M Costs (Savings)</b>			99	99	99	99	99	99	596
<b>Spending Plan by Fund</b>									
Water Fund		352	1,040	1,061	1,082	1,104	1,126	1,149	6,915
<b>Total:</b>		352	1,040	1,061	1,082	1,104	1,126	1,149	6,915

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

**2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	0	80	1	0	0	0	0	0	81
<b>Total:</b>	0	80	1	0	0	0	0	0	81
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	80	1	0	0	0	0	0	81
<b>Total*:</b>	0	80	1	0	0	0	0	0	81
<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.*

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	179	100	0	100	100	100	100	100	779
<b>Total:</b>	179	100	0	100	100	100	100	100	779
<b>Fund Appropriations/Allocations</b>									
Water Fund	179	100	0	100	100	100	100	100	779
<b>Total*:</b>	179	100	0	100	100	100	100	100	779
<b>O &amp; M Costs (Savings)</b>			8	8	8	8	8	8	47

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

**2013 - 2018 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.)

	<b>LTD Actuals</b>	<b>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	6,534	588	530	281	183	186	80	81	8,462
<b>Total:</b>	6,534	588	530	281	183	186	80	81	8,462
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,534	588	530	281	183	186	80	81	8,462
<b>Total*:</b>	6,534	588	530	281	183	186	80	81	8,462
<b>O &amp; M Costs (Savings)</b>			85	85	85	85	85	85	508

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	0	0	200	200	200	200	200	200	1,200
<b>Total:</b>	0	0	200	200	200	200	200	200	1,200
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	200	200	200	200	200	200	1,200
<b>Total*:</b>	0	0	200	200	200	200	200	200	1,200
<b>O &amp; M Costs (Savings)</b>			2	2	2	2	2	2	12

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	4,548	410	364	371	379	386	394	402	7,255
<b>Total:</b>	4,548	410	364	371	379	386	394	402	7,255
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,548	410	364	371	379	386	394	402	7,255
<b>Total*:</b>	4,548	410	364	371	379	386	394	402	7,255
<b>O &amp; M Costs (Savings)</b>			73	73	73	73	73	73	435
<b>Spending Plan by Fund</b>									
Water Fund		353	364	371	379	386	394	402	2,650
<b>Total:</b>		353	364	371	379	386	394	402	2,650

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	514	102	104	106	108	110	113	115	1,272
<b>Total:</b>	514	102	104	106	108	110	113	115	1,272
<b>Fund Appropriations/Allocations</b>									
Water Fund	514	102	104	106	108	110	113	115	1,272
<b>Total*:</b>	514	102	104	106	108	110	113	115	1,272
<b>O &amp; M Costs (Savings)</b>			13	13	13	13	13	13	76
<b>Spending Plan by Fund</b>									
Water Fund		210	104	106	108	110	113	115	866
<b>Total:</b>		210	104	106	108	110	113	115	866

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	89,389	4,080	4,800	4,900	5,000	5,100	5,200	5,300	123,769
<b>Total:</b>	89,389	4,080	4,800	4,900	5,000	5,100	5,200	5,300	123,769
<b>Fund Appropriations/Allocations</b>									
Water Fund	89,389	4,080	4,800	4,900	5,000	5,100	5,200	5,300	123,769
<b>Total*:</b>	89,389	4,080	4,800	4,900	5,000	5,100	5,200	5,300	123,769
<b>O &amp; M Costs (Savings)</b>			1,238	1,238	1,238	1,238	1,238	1,238	7,426
<b>Spending Plan by Fund</b>									
Water Fund		3,500	4,800	4,900	5,000	5,100	5,200	5,300	33,800
<b>Total:</b>		3,500	4,800	4,900	5,000	5,100	5,200	5,300	33,800

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	90,431	5,610	5,722	5,837	5,953	6,072	6,194	6,318	132,137
<b>Total:</b>	90,431	5,610	5,722	5,837	5,953	6,072	6,194	6,318	132,137
<b>Fund Appropriations/Allocations</b>									
Water Fund	90,431	5,610	5,722	5,837	5,953	6,072	6,194	6,318	132,137
<b>Total*:</b>	90,431	5,610	5,722	5,837	5,953	6,072	6,194	6,318	132,137
<b>O &amp; M Costs (Savings)</b>			1,321	1,321	1,321	1,321	1,321	1,321	7,928

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	12,315	663	800	805	812	828	845	862	17,930
<b>Total:</b>	12,315	663	800	805	812	828	845	862	17,930
<b>Fund Appropriations/Allocations</b>									
Water Fund	12,315	663	800	805	812	828	845	862	17,930
<b>Total*:</b>	12,315	663	800	805	812	828	845	862	17,930
<b>O &amp; M Costs (Savings)</b>			179	179	179	179	179	179	1,076
<b>Spending Plan by Fund</b>									
Water Fund		400	800	805	812	828	845	862	5,352
<b>Total:</b>		400	800	805	812	828	845	862	5,352

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**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	211	138	140	143	1	0	0	0	633
<b>Total:</b>	211	138	140	143	1	0	0	0	633
<b>Fund Appropriations/Allocations</b>									
Water Fund	211	138	140	143	1	0	0	0	633
<b>Total*:</b>	211	138	140	143	1	0	0	0	633
<b>O &amp; M Costs (Savings)</b>			6	6	6	6	6	6	38

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

**2013 - 2018 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>	Q4/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	209	25	669	200	2,963	0	0	0	4,067
<b>Total:</b>	209	25	669	200	2,963	0	0	0	4,067
<b>Fund Appropriations/Allocations</b>									
Water Fund	209	25	669	200	2,963	0	0	0	4,067
<b>Total*:</b>	209	25	669	200	2,963	0	0	0	4,067
<b>O &amp; M Costs (Savings)</b>			41	41	41	41	41	41	244
<b>Spending Plan by Fund</b>									
Water Fund		0	669	200	2,963	0	0	0	3,832
<b>Total:</b>		0	669	200	2,963	0	0	0	3,832

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

**2013 - 2018 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.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	179	100	100	100	100	100	100	100	879
<b>Total:</b>	179	100	100	100	100	100	100	100	879
<b>Fund Appropriations/Allocations</b>									
Water Fund	179	100	100	100	100	100	100	100	879
<b>Total*:</b>	179	100	100	100	100	100	100	100	879
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	53

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

**2013 - 2018 Proposed Capital Improvement Program**

**Water System Plan - 2013**

<b>BCL/Program Name:</b>	Water Resources	<b>BCL/Program Code:</b>	C150B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q2/2010
<b>Project ID:</b>	C1509	<b>End Date:</b>	Q3/2013
<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 2013 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	293	261	20	0	0	0	0	0	574
<b>Total:</b>	293	261	20	0	0	0	0	0	574
<b>Fund Appropriations/Allocations</b>									
Water Fund	293	261	20	0	0	0	0	0	574
<b>Total*:</b>	293	261	20	0	0	0	0	0	574
<b>O &amp; M Costs (Savings)</b>			6	6	6	6	6	6	34
<b>Spending Plan by Fund</b>									
Water Fund		238	20	0	0	0	0	0	258
<b>Total:</b>		238	20	0	0	0	0	0	258

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

**2013 - 2018 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>	Q3/2019
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	0	0	0	0	0	110	541	513	1,164
<b>Total:</b>	0	0	0	0	0	110	541	513	1,164
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	0	0	0	110	541	513	1,164
<b>Total*:</b>	0	0	0	0	0	110	541	513	1,164
<b>O &amp; M Costs (Savings)</b>			12	12	12	12	12	12	70

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	5,349	626	3,866	3,433	3,555	5,075	5,301	5,401	32,605
<b>Total:</b>	5,349	626	3,866	3,433	3,555	5,075	5,301	5,401	32,605
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,349	626	3,866	3,433	3,555	5,075	5,301	5,401	32,605
<b>Total*:</b>	5,349	626	3,866	3,433	3,555	5,075	5,301	5,401	32,605
<b>O &amp; M Costs (Savings)</b>			326	326	326	326	326	326	1,956
<b>Spending Plan by Fund</b>									
Water Fund		1,124	3,866	3,433	3,555	5,075	5,301	5,401	27,754
<b>Total:</b>		1,124	3,866	3,433	3,555	5,075	5,301	5,401	27,754

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

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Water Rates	10,397	1,163	984	795	811	839	856	873	16,717
<b>Total:</b>	10,397	1,163	984	795	811	839	856	873	16,717
<b>Fund Appropriations/Allocations</b>									
Water Fund	10,397	1,163	984	795	811	839	856	873	16,717
<b>Total*:</b>	10,397	1,163	984	795	811	839	856	873	16,717
<b>O &amp; M Costs (Savings)</b>			167	167	167	167	167	167	1,003
<b>Spending Plan by Fund</b>									
Water Fund		975	984	795	811	839	856	873	6,132
<b>Total:</b>		975	984	795	811	839	856	873	6,132

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

**2013 - 2018 Proposed Capital Improvement Program**



**FINANCE  
AND  
ADMINISTRATIVE  
SERVICES**





# 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, including FAS, and by certain non-profit agencies that serve the public, to deliver critical services to Seattle residents.

FAS' general government facilities portfolio encompasses the City's core general facilities (City Hall, the Seattle Justice Center and the Seattle Municipal Tower); fleet vehicle maintenance shops; other City multi-purpose campus support facilities (Haller Lake, Charles Street, and Airport Way Center); and the City's public safety facilities, including 33 fire stations and waterfront marine operations, five police precincts, the mounted patrol facility, the harbor patrol facility, and the Seattle emergency operations and fire alarm centers. Additionally, FAS maintains core building systems for some community-based facilities that are owned by the City and leased to community groups, such as the Central Area and Greenwood Senior Centers, and community service centers, including the South Seattle Health Clinic, the Central Area Motivational Program, and the South Park Area Redevelopment Center. In total, FAS manages approximately 3.2 million square feet of building space.

## 2013-2018 CIP

In 2013, approximately \$44 million in appropriations are made to the following projects in the FAS CIP.

- **Asset Preservation** – FAS' Asset Preservation Program replaces existing systems in FAS buildings as they wear out (e.g., roofs, windows, boilers, etc.). Examples of work to be done in 2013 include replacing aged and leaking roofs, window systems, exterior cladding, and outdated electrical and mechanical equipment in the Animal Shelter, Seattle Municipal Tower, and Airport Way Center buildings A and D.
- **Fire Facilities and Emergency Response Levy Program** – This voter-approved program upgrades or replaces fire stations, and renovates the Chief Seattle fireboat. By the end of the program, all but one of the City's fire stations will have been improved. By the end of 2012, fourteen fire stations will have been replaced or upgraded, with eighteen in progress through 2014. Major work in 2013 includes construction on four stations and design and permitting work on fourteen stations. In addition, nine interim fire station projects will be complete by the end of 2012, and eight will be in design or construction through 2013.
- **ADA Upgrades** – This program addresses improvements in City facilities required by the Americans with Disabilities Act as a result of a consent decree by the Department of Justice.
- **Customer Requested Tenant Improvements** – This program allows improvements to FAS facilities to meet tenants' operational needs. Examples include tenant space remodels, security system upgrades, material installation, and equipment replacement.
- **Maintenance Shops and Yards Facilities General** – Two new projects in 2012 will make repairs in the Charles Street Maintenance Shop to replace outdated piping and replace the roofing at the Test Lab. Additionally, the building envelope will be replaced at Airport Way Center - Building A and a \$500,000 grant will be used to provide energy efficiency improvements.
- **Police Facilities** – This ongoing project preserves or extends the useful life or operational capacity of FAS-owned Police facilities. Projects have included heating/air conditioning replacement, structural assessments and repairs, and roof replacements. Additionally, FAS will begin work on a new North Precinct, and repair the bulkhead and replace the heating and cooling equipment at the Harbor Patrol

## 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

facility. In 2014, the East Precinct parking garage will receive data/telecommunications upgrades that provide for uninterrupted police radio and cell phone coverage, and enhanced garage security.

- **Community Facilities** – Six City facilities are leased to community service providers in exchange for community services: Greenwood Senior Center, Teen Mothers Home, Central Area Senior Center, South Park Community Service Center (SPARC), Southeast Health Clinic (Public Health – Seattle & King County and Puget Sound Neighborhood Care), and Central Area Motivation Program (CAMP). Work will continue in 2013 to replace the roofs at six of these facilities and new funding is added to replace and upgrade several HVAC, electrical, and plumbing systems in the buildings.
- **Garden of Remembrance** – This project meets the City’s obligation to fund certain capital costs for the memorial located at Benaroya Hall. This capital fund pays for major maintenance and replaces garden installations, including irrigation equipment, landscaping, electrical/lighting fixtures, and mechanical water features.
- **Information Technology** – FAS plans two major information technology projects. The Summit Upgrade/FinMAP project, which will upgrade the City’s financial management system (Summit), also includes major standardization and redesign of the City’s accounting structure. The Multi-City Tax Portal Project implements a multi-city business and occupation license and tax filing portal, allowing all businesses operating in multiple cities to register for a business license, file business taxes and make tax payments for multiple cities at one location.

### Upcoming Budget Issues and Challenges

The primary CIP budget issues confronting FAS involve the age and condition of many City buildings, tenants’ diverse facility-related needs, community facilities with minimal funding, and the age and condition of technology infrastructure.

- **Asset Preservation**  
FAS’ Asset Preservation Program raises \$4 million in space rent each year for the purpose of replacing building systems in the 95 FAS-managed buildings located outside of the downtown core. Given the number and condition of the buildings, FAS prioritizes the City’s limited funding on those systems that are in such poor repair that they risk shutting down a building.
- **Expanding Needs**  
FAS facilities are used by a wide variety of different City departments, from Police and Fire, to the Seattle Department of Transportation, to Seattle Public Utilities, to the Department of Information Technology. The diverse operations of these departments regularly grow in concert with Seattle’s population, development, more restrictive regulations, and initiatives, such as the Seawall replacement project and the City’s data center infrastructure needs. As growth occurs, FAS works with its tenant departments to propose facility modernization, additions, or expansion to accommodate new operational requirements.

### CIP Revenue Sources

The Department’s 2013-2018 Proposed CIP is FAS’ plan for maintaining, renovating, expanding, and replacing its extensive inventory of buildings and technology systems. The Department’s CIP is financed by a variety of revenue sources, including the City’s General Subfund, the Cumulative Reserve Subfund (including the Unrestricted, REET I, and FAS Asset Preservation subaccounts), voter-approved levy proceeds, general obligation bonds, proceeds from property sales, and grants.

## Thematic Priorities

FAS' CIP addresses and balances the following priorities:

1) **Life/Safety Issues**

Projects intended to ensure continuity of service at facilities that provide emergency or other essential services receive top priority (e.g., replacing generators near the end of their useful lives at essential facilities, such as police or fire stations). Projects that respond to potential threats to human life and safety receive priority (e.g., upgrading aging fire sprinkler systems and water intrusion curtailment would rank high in the selection process).

2) **Investments that Create or Enhance Operational Efficiencies/Effectiveness**

FAS is responsible for a variety of assets as described above. FAS' capital investments must preserve, improve or enhance the operational capacity of these mission-critical systems and facilities.

3) **Asset Preservation**

As authorized in Ordinance 121642, FAS is granted \$4 million annually to support the replacement of existing building systems, guided by strict policies to ensure the funds are used exclusively to replace existing components, such as roofs, boilers, windows, and electrical/plumbing/structural systems when they have reached the end of their useful lives. FAS must also maintain the City's enterprise technology systems.

4) **Sustainability**

Up until now FAS' sustainability efforts have focused on meeting the City's LEED Silver requirements per Resolution 30121; the energy efficiency requirements of the new Seattle Energy Code; cost-effective opportunities to reduce energy use; and other regulatory sustainable strategies. The City is being looked upon to meet newer, higher LEED Gold and energy code sustainability goals, with strict reporting requirements on each project's results and building performance. There are also new sustainability programs, such as "20 by 20" and the "2030 Challenge," which are slated to reduce energy use and greenhouse gas emissions in order to meet sustainability goals.

5) **Race and Social Justice Initiative**

FAS integrates the City's social equity contracting requirements into all aspects of the execution of CIP projects.

6) **Federal or State Requirements**

FAS must consider state and federal requirements in assessing capital needs. For example, 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. Another example is the recent revision in the Washington Administrative Code, whereby enhanced fire resistance is required for sleeping quarters in fire stations.

## Project Selection Criteria

Projects to be considered for inclusion in 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 tenants on an annual basis, and then internally vetted for timeliness and appropriateness, and evaluated on

## Finance and Administrative Services

their own merit. Business Technology-related projects are developed by FAS staff with input from customers and the Department of Information Technology's Enterprise Applications Board.

Facilities-related **asset preservation projects** are compiled from a rolling list of urgent and high-priority building deficiencies maintained by FAS' Facility Operations Division, and from a bi-annually updated plan of FAS' maintenance assessment efforts. FAS annually updates the priority status of facilities-related projects on lists based on maintenance efforts in the prior year and other sources, including federal or state requirements, property managers, tenants/customers and elected officials. FAS relies on the expertise of its technology, maintenance, operations, and capital development staff to review and vet the project list, keeping these criteria in mind: responsiveness to life safety concerns, continuity of essential services, preserving the long-term use of the building/technology, meeting regulatory requirements, compatibility and synergy with other planned projects, and capacity to reduce demand for routine maintenance service and generate resulting dollar savings.

When compiling the facilities project list, sustainability and resource conservation are also considered as a subset for both of these categories, as such projects result in longer useful lives of improvements, increased comfort, and reduced utility bills.

### Looking Ahead

FAS staff will continue to work with their tenants as their operational needs expand and change. Our 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 our facilities and information technology systems.

# Finance and Administrative Services

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
<b>ADA Improvements - FAS</b>									<b>BCL/Program Code: A1ADA</b>
ADA Improvements - FAS (A1GM901)	28	421	0	0	0	0	0	0	449
ADA Improvements - FAS (A1ADA01)	0	0	626	0	0	0	0	0	626
<b>ADA Improvements - FAS</b>	28	421	626	0	0	0	0	0	1,075
<b>Asset Preservation - Civic Core</b>									<b>BCL/Program Code: A1API</b>
Asset Preservation - Civic Center (A1AP101)	2,322	1,316	1,100	800	850	850	850	850	8,938
<b>Asset Preservation - Civic Core</b>	2,322	1,316	1,100	800	850	850	850	850	8,938
<b>Asset Preservation - Public Safety Facilities</b>									<b>BCL/Program Code: A1AP6</b>
Asset Preservation - Public Safety Facilities (A1AP601)	4,096	1,809	600	400	600	600	600	600	9,305
<b>Asset Preservation - Public Safety Facilities</b>	4,096	1,809	600	400	600	600	600	600	9,305
<b>Asset Preservation - Seattle Municipal Tower</b>									<b>BCL/Program Code: A1AP2</b>
Asset Preservation - Seattle Municipal Tower (A1AP201)	13,409	4,993	1,500	1,800	1,670	1,670	1,670	1,670	28,382
<b>Asset Preservation - Seattle Municipal Tower</b>	13,409	4,993	1,500	1,800	1,670	1,670	1,670	1,670	28,382
<b>Asset Preservation - Shops and Yards</b>									<b>BCL/Program Code: A1AP4</b>
Asset Preservation - Shops and Yards (A1AP401)	2,427	1,134	600	800	600	600	600	600	7,360
<b>Asset Preservation - Shops and Yards</b>	2,427	1,134	600	800	600	600	600	600	7,360
<b>Chief Seattle Fireboat Rehabilitation</b>									<b>BCL/Program Code: A1FL402</b>
Chief Seattle Fireboat Rehabilitation (A1FL402)	1,200	8,500	0	0	0	0	0	0	9,700
<b>Chief Seattle Fireboat Rehabilitation</b>	1,200	8,500	0	0	0	0	0	0	9,700
<b>Civic Square</b>									<b>BCL/Program Code: A1GM5</b>
Civic Square (A1GM501)	227	1,015	0	0	0	0	0	0	1,242
<b>Civic Square</b>	227	1,015	0	0	0	0	0	0	1,242
<b>Fire Stations - Land Acquisition</b>									<b>BCL/Program Code: A1FL101</b>
Fire Stations - Land Acquisition (A1FL101)	22,119	1,227	0	0	0	0	0	0	23,346
<b>Fire Stations - Land Acquisition</b>	22,119	1,227	0	0	0	0	0	0	23,346

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

# Finance and Administrative Services

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
<b>Garden of Remembrance</b>									<b>A51647</b>
Garden of Remembrance (A11452)	232	46	24	25	26	27	28	29	437
<b>Garden of Remembrance</b>	232	46	24	25	26	27	28	29	437
<b>General Government Facilities - Community-Based</b>									<b>A1GM2</b>
MOB Repairs (A1GM207)	0	0	312	0	0	0	0	0	312
<b>General Government Facilities - Community-Based</b>	0	0	312	0	0	0	0	0	312
<b>General Government Facilities - General</b>									<b>A1GM1</b>
ADA Improvements - Citywide (A1GM902)	0	92	136	141	0	0	0	0	369
Charles Street Master Facilities Planning (A1GM116)	0	100	0	0	0	0	0	0	100
Customer Requested Tenant Improvement Program (A1GM105)	11,833	12,620	3,500	3,500	3,500	3,500	3,500	3,500	45,452
FAS: Municipal Energy Efficiency Projects (A1GM199)	155	956	0	0	0	0	0	0	1,111
<b>General Government Facilities - General</b>	11,987	13,768	3,636	3,641	3,500	3,500	3,500	3,500	47,032
<b>Information Technology</b>									<b>A1IT</b>
Multi-City Portal Project (A1IT02)	0	0	6,632	1,000	0	0	0	0	7,632
Seattle License Management System Upgrade (A1IT03)	0	0	0	0	5,000	0	0	0	5,000
Summit Upgrade (A1IT01)	0	0	5,886	7,038	6,218	0	0	0	19,142
<b>Information Technology</b>	0	0	12,518	8,038	11,218	0	0	0	31,774
<b>Maintenance Shops and Yards</b>									<b>A1MSY</b>
Maintenance Shops and Yards (A1MSY01)	0	0	1,370	2,552	0	0	0	0	3,922
<b>Maintenance Shops and Yards</b>	0	0	1,370	2,552	0	0	0	0	3,922
<b>Neighborhood Fire Stations</b>									<b>A1FL1</b>
Fire Station 06 (A1FL106)	2,342	6,255	62	0	0	0	0	0	8,659
Fire Station 08 (A1FL108)	414	3,196	504	0	0	0	0	0	4,115
Fire Station 09 (A1FL109)	1,371	6,377	102	0	0	0	0	0	7,850
Fire Station 11 (A1FL111)	15	2,677	0	0	0	0	0	0	2,692

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
Fire Station 13 (A1FL113)	1,127	1,191	0	0	0	0	0	0	2,318
Fire Station 14 (A1FL114)	1,390	8,607	2,701	0	0	0	0	0	12,697
Fire Station 18 (A1FL118)	0	1,393	557	2,534	0	0	0	0	4,483
Fire Station 20 (A1FL120)	388	4,462	3,375	2,580	0	0	0	0	10,806
Fire Station 22 (A1FL122)	0	0	0	1,000	3,000	5,500	0	0	9,500
Fire Station 24 (A1FL124)	24	1,169	1,634	0	0	0	0	0	2,827
Fire Station 25 (A1FL125)	42	3,317	0	0	0	0	0	0	3,359
Fire Station 26 (A1FL126)	26	1,184	1,000	668	0	0	0	0	2,879
Fire Station 27 (A1FL127)	290	2,211	50	0	0	0	0	0	2,551
Fire Station 28 (A1FL128)	10,596	1,160	0	0	0	0	0	0	11,755
Fire Station 29 (A1FL129)	0	396	435	1,868	481	0	0	0	3,179
Fire Station 32 (A1FL132)	298	6,817	1,925	0	6,019	0	0	0	15,059
Fire Station 34 (A1FL134)	316	949	1,832	0	0	0	0	0	3,097
Fire Station 36 (A1FL136)	127	3,139	134	0	0	0	0	0	3,399
Fire Station 40 (A1FL140)	153	2,054	340	0	0	0	0	0	2,547
Fire Station Emergency Generators (A1FL151)	889	876	0	0	0	0	0	0	1,766
Fire Station Improvement Debt Service (A1FL199)	16,065	5,590	6,030	1,880	2,845	3,506	3,506	3,506	42,928
<b>Neighborhood Fire Stations</b>	<b>35,875</b>	<b>63,020</b>	<b>20,681</b>	<b>10,530</b>	<b>12,345</b>	<b>9,006</b>	<b>3,506</b>	<b>3,506</b>	<b>158,467</b>
<b>Public Safety Facilities - Fire</b>									<b>A1PS2</b>
Fire Station Roof Replacements (A1PS204)	0	502	0	0	0	0	0	0	502
One Hour Fire Separations in Fire Stations (A1PS203)	0	520	0	0	0	0	0	0	520
<b>Public Safety Facilities - Fire</b>	<b>0</b>	<b>1,022</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,022</b>
<b>Public Safety Facilities - Police</b>									<b>A1PS1</b>
East Precinct Parking System Upgrades (A1PS106)	0	0	0	265	0	0	0	0	265
North Precinct (A1PS107)	0	0	750	17,500	6,000	10,000	20,000	33,500	87,750
Police Facilities (A1PS101)	1,583	218	420	100	620	0	0	0	2,941
<b>Public Safety Facilities - Police</b>	<b>1,583</b>	<b>218</b>	<b>1,170</b>	<b>17,865</b>	<b>6,620</b>	<b>10,000</b>	<b>20,000</b>	<b>33,500</b>	<b>90,956</b>
<b>Department Total*:</b>	<b>95,504</b>	<b>98,489</b>	<b>44,136</b>	<b>46,451</b>	<b>37,428</b>	<b>26,253</b>	<b>30,754</b>	<b>44,255</b>	<b>423,271</b>

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program





## Finance and Administrative Services

### Fund Summary

Fund Name & Code	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
2002B LTGO Capital Project Fund (34700)	696	0	0	0	0	0	0	0	696
2003 Fire Facilities Fund (34440)	25,055	45,626	1,248	0	1,784	0	0	0	73,713
2008 Multipurpose LTGO Bond Fund (35200)	9,684	5,231	0	0	0	0	0	0	14,915
2009 Multipurpose LTGO Bond Fund (35300)	182	525	0	0	0	0	0	0	707
2010 Multipurpose LTGO Bond Fund (35400)	907	2,699	0	0	0	0	0	0	3,606
2011 Multipurpose LTGO Bond Fund (35500)	155	537	0	0	0	0	0	0	692
2013 Multipurpose LTGO Bond Fund (35700)	0	0	25,994	1,000	0	0	0	0	26,994
2014 Multipurpose LTGO Bond Fund (35800)	0	0	0	33,188	0	0	0	0	33,188
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities (00168)	22,253	9,252	3,800	3,800	3,720	3,720	3,720	3,720	53,985
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	23,970	20,469	9,571	4,938	2,845	3,506	3,506	3,506	72,311
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	266	96	24	25	26	27	28	29	521
Finance and Administrative Services Fund (50300)	11,833	12,620	3,500	3,500	3,500	3,500	3,500	3,500	45,452
Future Bond Funds (99999)	0	0	0	0	18,934	5,500	0	0	24,434
General Subfund (00100)	0	419	0	0	0	0	0	0	419
Municipal Civic Center Fund (34200)	503	1,015	0	0	0	0	0	0	1,518
To Be Determined (TBD)	0	0	0	0	6,620	10,000	20,000	33,500	70,120
<b>Department Total*:</b>	<b>95,504</b>	<b>98,489</b>	<b>44,136</b>	<b>46,451</b>	<b>37,428</b>	<b>26,253</b>	<b>30,754</b>	<b>44,255</b>	<b>423,271</b>

*\*Amounts in thousands of dollars*

**2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	92	136	141	0	0	0	0	369
<b>Total:</b>	0	92	136	141	0	0	0	0	369
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	92	136	141	0	0	0	0	369
<b>Total*:</b>	0	92	136	141	0	0	0	0	369

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

### 2013 - 2018 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>	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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	626	0	0	0	0	0	626
<b>Total:</b>	0	0	626	0	0	0	0	0	626
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	626	0	0	0	0	0	626
<b>Total*:</b>	0	0	626	0	0	0	0	0	626

<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	28	421	0	0	0	0	0	0	449
<b>Total:</b>	28	421	0	0	0	0	0	0	449

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

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	28	421	0	0	0	0	0	0	449
<b>Total*:</b>	28	421	0	0	0	0	0	0	449

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	2,322	1,316	1,100	800	850	850	850	850	8,938
<b>Total:</b>	2,322	1,316	1,100	800	850	850	850	850	8,938
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	2,322	1,316	1,100	800	850	850	850	850	8,938
<b>Total*:</b>	2,322	1,316	1,100	800	850	850	850	850	8,938
<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		1,316	1,100	800	850	850	850	850	6,616
<b>Total:</b>		1,316	1,100	800	850	850	850	850	6,616

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	4,096	1,809	600	400	600	600	600	600	9,305
<b>Total:</b>	4,096	1,809	600	400	600	600	600	600	9,305
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	4,096	1,809	600	400	600	600	600	600	9,305
<b>Total*:</b>	4,096	1,809	600	400	600	600	600	600	9,305
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	13,409	4,993	1,500	1,800	1,670	1,670	1,670	1,670	28,382
<b>Total:</b>	13,409	4,993	1,500	1,800	1,670	1,670	1,670	1,670	28,382
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	13,409	4,993	1,500	1,800	1,670	1,670	1,670	1,670	28,382
<b>Total*:</b>	13,409	4,993	1,500	1,800	1,670	1,670	1,670	1,670	28,382
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	2,427	1,134	600	800	600	600	600	600	7,360
<b>Total:</b>	2,427	1,134	600	800	600	600	600	600	7,360
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	2,427	1,134	600	800	600	600	600	600	7,360
<b>Total*:</b>	2,427	1,134	600	800	600	600	600	600	7,360
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

# Finance and Administrative Services

## Charles Street Master Facilities Planning

<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>	A1GM116	<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>	

The Charles Street Campus is the primary maintenance facility for City vehicles ranging from police cars and other sedans to vactor trucks and other heavy equipment. Campus buildings are occupied by SDOT, SPU, and FAS, in support of their specific operations. The 1950s vintage facilities have very inefficient envelopes, poor insulation, worn building systems and are seismically vulnerable. This project would include updating the existing Master Plan and may involve an operational study, building condition assessments and on-site test-to-fit analyses to improve existing operations.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	100	0	0	0	0	0	0	100
<b>Total:</b>	0	100	0	0	0	0	0	0	100
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	100	0	0	0	0	0	0	100
<b>Total*:</b>	0	100	0	0	0	0	0	0	100
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		20	80	0	0	0	0	0	100
<b>Total:</b>		20	80	0	0	0	0	0	100

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### 2013 - 2018 Proposed Capital Improvement Program

# Finance and Administrative Services

## Chief Seattle Fireboat Rehabilitation

<b>BCL/Program Name:</b>	Chief Seattle Fireboat Rehabilitation	<b>BCL/Program Code:</b>	A1FL402
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2007
<b>Project ID:</b>	A1FL402	<b>End Date:</b>	Q4/2013
<b>Location:</b>	925 Alaskan 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>	Ballard Interbay

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rehabilitates the Chief Seattle fireboat with upgraded systems, engines, pumps, and other equipment. The Chief Seattle will be relocated to a freshwater mooring, replacing the 80 year-old Alki fireboat to provide firefighting and rescue services on the freshwater bodies in and around Seattle.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	455	2,548	0	0	0	0	0	0	3,003
Miscellaneous Grants or Donations	524	5,599	0	0	0	0	0	0	6,123
General Obligation Bonds	222	352	0	0	0	0	0	0	574
<b>Total:</b>	1,200	8,500	0	0	0	0	0	0	9,700
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	979	8,148	0	0	0	0	0	0	9,126
2008 Multipurpose LTGO Bond Fund	222	352	0	0	0	0	0	0	574
<b>Total*:</b>	1,200	8,500	0	0	0	0	0	0	9,700
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2003 Fire Facilities Fund		8,072	76	0	0	0	0	0	8,148
2008 Multipurpose LTGO Bond Fund		352	0	0	0	0	0	0	352
<b>Total:</b>		8,424	76	0	0	0	0	0	8,500

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Interdepartmental Transfer	227	1,015	0	0	0	0	0	0	1,242
<b>Total:</b>	227	1,015	0	0	0	0	0	0	1,242
<b>Fund Appropriations/Allocations</b>									
Municipal Civic Center Fund	227	1,015	0	0	0	0	0	0	1,242
<b>Total*:</b>	227	1,015	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	50	150	795	0	0	1,015
<b>Total:</b>		10	10	50	150	795	0	0	1,015

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Interdepartmental Transfer	11,833	12,620	3,500	3,500	3,500	3,500	3,500	3,500	45,452
<b>Total:</b>	11,833	12,620	3,500	3,500	3,500	3,500	3,500	3,500	45,452
<b>Fund Appropriations/Allocations</b>									
Finance and Administrative Services Fund	11,833	12,620	3,500	3,500	3,500	3,500	3,500	3,500	45,452
<b>Total*:</b>	11,833	12,620	3,500	3,500	3,500	3,500	3,500	3,500	45,452
<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		1,149	5,412	5,412	5,412	5,412	5,412	5,412	33,620
<b>Total:</b>		1,149	5,412	5,412	5,412	5,412	5,412	5,412	33,620

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### 2013 - 2018 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>	
<b>Project ID:</b>	A1PS106	<b>End Date:</b>	
<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. This project supports uninterrupted police radio and cell phone coverage and enhanced garage security.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	265	0	0	0	0	265
<b>Total:</b>	0	0	0	265	0	0	0	0	265
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	265	0	0	0	0	265
<b>Total*:</b>	0	0	0	265	0	0	0	0	265

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### 2013 - 2018 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>	Q4/2013
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Subfund	0	419	0	0	0	0	0	0	419
General Obligation Bonds	155	537	0	0	0	0	0	0	692
<b>Total:</b>	155	956	0	0	0	0	0	0	1,111

<b>Fund Appropriations/Allocations</b>									
General Subfund	0	419	0	0	0	0	0	0	419
2011 Multipurpose LTGO Bond Fund	155	537	0	0	0	0	0	0	692
<b>Total*:</b>	155	956	0	0	0	0	0	0	1,111

<b>Spending Plan by Fund</b>									
General Subfund		199	220	0	0	0	0	0	419
2011 Multipurpose LTGO Bond Fund		470	68	0	0	0	0	0	537
<b>Total:</b>		669	288	0	0	0	0	0	956

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### 2013 - 2018 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 06

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2009
<b>Project ID:</b>	A1FL106	<b>End Date:</b>	Q4/2014
<b>Location:</b>	2615 S Jackson St		
<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>	23rd Ave. @ Jackson

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 6 at a new site. The existing Fire Station 6 is a historic landmark, 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 Central District community.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	28	62	0	0	0	0	0	0	89
Seattle Voter-Approved Levy	1,298	5,562	0	0	0	0	0	0	6,860
General Obligation Bonds	592	232	0	0	0	0	0	0	824
General Obligation Bonds	424	400	0	0	0	0	0	0	824
General Obligation Bonds	0	0	62	0	0	0	0	0	62
<b>Total:</b>	2,342	6,255	62	0	0	0	0	0	8,659
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	28	62	0	0	0	0	0	0	89
2003 Fire Facilities Fund	1,298	5,562	0	0	0	0	0	0	6,860
2008 Multipurpose LTGO Bond Fund	592	232	0	0	0	0	0	0	824
2010 Multipurpose LTGO Bond Fund	424	400	0	0	0	0	0	0	824
2013 Multipurpose LTGO Bond Fund	0	0	62	0	0	0	0	0	62
<b>Total*:</b>	2,342	6,255	62	0	0	0	0	0	8,659
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program



## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	62	0	0	0	0	0	0	62
2003 Fire Facilities Fund	5,141	421	0	0	0	0	0	5,562
2008 Multipurpose LTGO Bond Fund	232	0	0	0	0	0	0	232
2010 Multipurpose LTGO Bond Fund	400	0	0	0	0	0	0	400
2013 Multipurpose LTGO Bond Fund	0	62	0	0	0	0	0	62
<b>Total:</b>	5,834	483	0	0	0	0	0	6,317

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

### 2013 - 2018 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>	Q4/2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	463	0	0	0	0	0	0	463
Seattle Voter-Approved Levy	86	2,460	0	0	0	0	0	0	2,546
General Obligation Bonds	328	174	0	0	0	0	0	0	502
General Obligation Bonds	0	98	0	0	0	0	0	0	98
General Obligation Bonds	0	0	504	0	0	0	0	0	504
<b>Total:</b>	414	3,196	504	0	0	0	0	0	4,115
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	463	0	0	0	0	0	0	463
2003 Fire Facilities Fund	86	2,460	0	0	0	0	0	0	2,546
2008 Multipurpose LTGO Bond Fund	328	174	0	0	0	0	0	0	502
2010 Multipurpose LTGO Bond Fund	0	98	0	0	0	0	0	0	98
2013 Multipurpose LTGO Bond Fund	0	0	504	0	0	0	0	0	504
<b>Total*:</b>	414	3,196	504	0	0	0	0	0	4,115
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	116	347	0	0	0	0	0	463
2003 Fire Facilities Fund	55	2,401	5	0	0	0	0	2,460
2008 Multipurpose LTGO Bond Fund	174	0	0	0	0	0	0	174
2010 Multipurpose LTGO Bond Fund	98	0	0	0	0	0	0	98
2013 Multipurpose LTGO Bond Fund	0	504	0	0	0	0	0	504
<b>Total:</b>	443	3,252	5	0	0	0	0	3,701

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2	108	0	0	0	0	0	0	110
Seattle Voter-Approved Levy	1,277	4,428	0	0	0	0	0	0	5,705
General Obligation Bonds	92	836	0	0	0	0	0	0	928
General Obligation Bonds	0	132	0	0	0	0	0	0	132
General Obligation Bonds	0	874	0	0	0	0	0	0	874
General Obligation Bonds	0	0	102	0	0	0	0	0	102
<b>Total:</b>	1,371	6,377	102	0	0	0	0	0	7,850
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2	108	0	0	0	0	0	0	110
2003 Fire Facilities Fund	1,277	4,428	0	0	0	0	0	0	5,705
2008 Multipurpose LTGO Bond Fund	92	836	0	0	0	0	0	0	928
2009 Multipurpose LTGO Bond Fund	0	132	0	0	0	0	0	0	132
2010 Multipurpose LTGO Bond Fund	0	874	0	0	0	0	0	0	874
2013 Multipurpose LTGO Bond Fund	0	0	102	0	0	0	0	0	102
<b>Total*:</b>	1,371	6,377	102	0	0	0	0	0	7,850
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	108	0	0	0	0	0	0	108
2003 Fire Facilities Fund	1,807	2,612	9	0	0	0	0	4,428
2008 Multipurpose LTGO Bond Fund	836	0	0	0	0	0	0	836
2009 Multipurpose LTGO Bond Fund	132	0	0	0	0	0	0	132
2010 Multipurpose LTGO Bond Fund	874	0	0	0	0	0	0	874
2013 Multipurpose LTGO Bond Fund	0	102	0	0	0	0	0	102
<b>Total:</b>	<b>3,756</b>	<b>2,714</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,479</b>

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### 2013 - 2018 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.

	<b>LTD</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
	<b>Actuals</b>	<b>Rev</b>							
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	399	0	0	0	0	0	0	399
Seattle Voter-Approved Levy	12	2,228	0	0	0	0	0	0	2,240
General Obligation Bonds	3	0	0	0	0	0	0	0	3
General Obligation Bonds	0	25	0	0	0	0	0	0	25
General Obligation Bonds	0	25	0	0	0	0	0	0	25
<b>Total:</b>	15	2,677	0	0	0	0	0	0	2,692
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	399	0	0	0	0	0	0	399
2003 Fire Facilities Fund	12	2,228	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	0	25	0	0	0	0	0	0	25
2010 Multipurpose LTGO Bond Fund	0	25	0	0	0	0	0	0	25
<b>Total*:</b>	15	2,677	0	0	0	0	0	0	2,692
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	64	335	0	0	0	0	0	399
2003 Fire Facilities Fund	0	79	2,138	11	0	0	0	2,228
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	25	0	0	0	0	0	0	25
2010 Multipurpose LTGO Bond Fund	25	0	0	0	0	0	0	25
<b>Total:</b>	115	414	2,138	11	0	0	0	2,677

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### 2013 - 2018 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 13

<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>	Q2/2009
<b>Project ID:</b>	A1FL113	<b>End Date:</b>	Q4/2013
<b>Location:</b>	3601 Beacon 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, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 13 and makes minor functional improvements to the facility. It also provides a temporary tent for the fire engine 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 Beacon Hill community.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	446	813	0	0	0	0	0	0	1,259
Seattle Voter-Approved Levy	(38)	251	0	0	0	0	0	0	213
General Obligation Bonds	614	94	0	0	0	0	0	0	708
General Obligation Bonds	72	0	0	0	0	0	0	0	72
General Obligation Bonds	34	33	0	0	0	0	0	0	66
<b>Total:</b>	1,127	1,191	0	0	0	0	0	0	2,318
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	446	813	0	0	0	0	0	0	1,259
2003 Fire Facilities Fund	(38)	251	0	0	0	0	0	0	213
2008 Multipurpose LTGO Bond Fund	614	94	0	0	0	0	0	0	708
2009 Multipurpose LTGO Bond Fund	72	0	0	0	0	0	0	0	72
2010 Multipurpose LTGO Bond Fund	34	33	0	0	0	0	0	0	66
<b>Total*:</b>	1,127	1,191	0	0	0	0	0	0	2,318
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program



## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	813	0	0	0	0	0	0	813
2003 Fire Facilities Fund	245	6	0	0	0	0	0	251
2008 Multipurpose LTGO Bond Fund	94	0	0	0	0	0	0	94
2009 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	33	0	0	0	0	0	0	33
<b>Total:</b>	1,185	6	0	0	0	0	0	1,191

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### 2013 - 2018 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>	Q4/2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	5	911	0	0	0	0	0	0	916
Seattle Voter-Approved Levy	932	7,269	0	0	0	0	0	0	8,200
General Obligation Bonds	371	184	0	0	0	0	0	0	555
General Obligation Bonds	25	243	0	0	0	0	0	0	268
General Obligation Bonds	57	0	0	0	0	0	0	0	57
General Obligation Bonds	0	0	2,701	0	0	0	0	0	2,701
<b>Total:</b>	1,390	8,607	2,701	0	0	0	0	0	12,697
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	5	911	0	0	0	0	0	0	916
2003 Fire Facilities Fund	932	7,269	0	0	0	0	0	0	8,200
2008 Multipurpose LTGO Bond Fund	371	184	0	0	0	0	0	0	555
2009 Multipurpose LTGO Bond Fund	25	243	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	0	2,701	0	0	0	0	0	2,701
<b>Total*:</b>	1,390	8,607	2,701	0	0	0	0	0	12,697
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	911	0	0	0	0	0	0	911
2003 Fire Facilities Fund	5,920	1,086	262	0	0	0	0	7,269
2008 Multipurpose LTGO Bond Fund	184	0	0	0	0	0	0	184
2009 Multipurpose LTGO Bond Fund	243	0	0	0	0	0	0	243
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	2,701	0	0	0	0	0	2,701
<b>Total:</b>	<b>7,258</b>	<b>3,787</b>	<b>262</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,307</b>

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### 2013 - 2018 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.

	<b>LTD Actuals</b>	<b>2012 Rev</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	258	0	0	0	0	0	0	258
Seattle Voter-Approved Levy	0	934	0	0	0	0	0	0	934
General Obligation Bonds	0	200	0	0	0	0	0	0	200
General Obligation Bonds	0	0	557	0	0	0	0	0	557
General Obligation Bonds	0	0	0	2,534	0	0	0	0	2,534
<b>Total:</b>	0	1,393	557	2,534	0	0	0	0	4,483
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	258	0	0	0	0	0	0	258
2003 Fire Facilities Fund	0	934	0	0	0	0	0	0	934
2010 Multipurpose LTGO Bond Fund	0	200	0	0	0	0	0	0	200
2013 Multipurpose LTGO Bond Fund	0	0	557	0	0	0	0	0	557
2014 Multipurpose LTGO Bond Fund	0	0	0	2,534	0	0	0	0	2,534
<b>Total*:</b>	0	1,393	557	2,534	0	0	0	0	4,483
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	258	0	0	0	0	0	258
2003 Fire Facilities Fund	0	0	650	280	4	0	0	934
2010 Multipurpose LTGO Bond Fund	200	0	0	0	0	0	0	200
2013 Multipurpose LTGO Bond Fund	0	557	0	0	0	0	0	557
2014 Multipurpose LTGO Bond Fund	0	0	2,534	0	0	0	0	2,534
<b>Total:</b>	200	815	3,184	280	4	0	0	4,483

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	1,817	0	0	0	0	0	0	1,817
Seattle Voter-Approved Levy	0	2,206	0	0	0	0	0	0	2,206
General Obligation Bonds	29	10	0	0	0	0	0	0	40
General Obligation Bonds	359	429	0	0	0	0	0	0	788
General Obligation Bonds	0	0	3,375	0	0	0	0	0	3,375
General Obligation Bonds	0	0	0	2,580	0	0	0	0	2,580
<b>Total:</b>	388	4,462	3,375	2,580	0	0	0	0	10,806
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,817	0	0	0	0	0	0	1,817
2003 Fire Facilities Fund	0	2,206	0	0	0	0	0	0	2,206
2008 Multipurpose LTGO Bond Fund	29	10	0	0	0	0	0	0	40
2010 Multipurpose LTGO Bond Fund	359	429	0	0	0	0	0	0	788
2013 Multipurpose LTGO Bond Fund	0	0	3,375	0	0	0	0	0	3,375
2014 Multipurpose LTGO Bond Fund	0	0	0	2,580	0	0	0	0	2,580
<b>Total*:</b>	388	4,462	3,375	2,580	0	0	0	0	10,806
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	790	1,027	0	0	0	0	0	1,817
2003 Fire Facilities Fund	1,052	600	500	54	0	0	0	2,206
2008 Multipurpose LTGO Bond Fund	10	0	0	0	0	0	0	10
2010 Multipurpose LTGO Bond Fund	429	0	0	0	0	0	0	429
2013 Multipurpose LTGO Bond Fund	0	3,375	0	0	0	0	0	3,375
2014 Multipurpose LTGO Bond Fund	0	0	2,580	0	0	0	0	2,580
<b>Total:</b>	<b>2,282</b>	<b>5,002</b>	<b>3,080</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,417</b>

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

### 2013 - 2018 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>	Q4/2017
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	3,000	5,500	0	0	8,500
General Obligation Bonds	0	0	0	1,000	0	0	0	0	1,000
<b>Total:</b>	0	0	0	1,000	3,000	5,500	0	0	9,500
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
Future Bond Funds	0	0	0	0	3,000	5,500	0	0	8,500
2014 Multipurpose LTGO Bond Fund	0	0	0	1,000	0	0	0	0	1,000
<b>Total*:</b>	0	0	0	1,000	3,000	5,500	0	0	9,500
<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.*

### 2013 - 2018 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>	Q4/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	526	0	0	0	0	0	0	526
Seattle Voter-Approved Levy	9	240	0	0	0	0	0	0	249
General Obligation Bonds	15	360	0	0	0	0	0	0	375
General Obligation Bonds	0	43	0	0	0	0	0	0	43
General Obligation Bonds	0	0	1,634	0	0	0	0	0	1,634
General Obligation Bonds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	24	1,169	1,634	0	0	0	0	0	2,827
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	526	0	0	0	0	0	0	526
2003 Fire Facilities Fund	9	240	0	0	0	0	0	0	249
2008 Multipurpose LTGO Bond Fund	15	360	0	0	0	0	0	0	375
2010 Multipurpose LTGO Bond Fund	0	43	0	0	0	0	0	0	43
2013 Multipurpose LTGO Bond Fund	0	0	1,634	0	0	0	0	0	1,634
2014 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	24	1,169	1,634	0	0	0	0	0	2,827
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	479	48	0	0	0	0	526
2003 Fire Facilities Fund	21	0	200	19	0	0	0	240
2008 Multipurpose LTGO Bond Fund	275	85	0	0	0	0	0	360
2010 Multipurpose LTGO Bond Fund	0	43	0	0	0	0	0	43
2013 Multipurpose LTGO Bond Fund	0	1,634	0	0	0	0	0	1,634
2014 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
<b>Total:</b>	296	2,241	248	19	0	0	0	2,803

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

### 2013 - 2018 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>	Q4/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	22	3,020	0	0	0	0	0	0	3,043
General Obligation Bonds	20	276	0	0	0	0	0	0	296
General Obligation Bonds	0	20	0	0	0	0	0	0	20
<b>Total:</b>	42	3,317	0	0	0	0	0	0	3,359
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	22	3,020	0	0	0	0	0	0	3,043
2008 Multipurpose LTGO Bond Fund	20	276	0	0	0	0	0	0	296
2010 Multipurpose LTGO Bond Fund	0	20	0	0	0	0	0	0	20
<b>Total*:</b>	42	3,317	0	0	0	0	0	0	3,359
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2003 Fire Facilities Fund		54	2,205	700	61	0	0	0	3,020
2008 Multipurpose LTGO Bond Fund		276	0	0	0	0	0	0	276
2010 Multipurpose LTGO Bond Fund		20	0	0	0	0	0	0	20
<b>Total:</b>		351	2,205	700	61	0	0	0	3,317

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

### 2013 - 2018 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>	Q4/2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	537	0	0	0	0	0	0	537
Seattle Voter-Approved Levy	12	242	0	0	0	0	0	0	254
General Obligation Bonds	14	361	0	0	0	0	0	0	375
General Obligation Bonds	0	44	0	0	0	0	0	0	44
General Obligation Bonds	0	0	1,000	0	0	0	0	0	1,000
General Obligation Bonds	0	0	0	668	0	0	0	0	668
<b>Total:</b>	26	1,184	1,000	668	0	0	0	0	2,879
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	537	0	0	0	0	0	0	537
2003 Fire Facilities Fund	12	242	0	0	0	0	0	0	254
2008 Multipurpose LTGO Bond Fund	14	361	0	0	0	0	0	0	375
2010 Multipurpose LTGO Bond Fund	0	44	0	0	0	0	0	0	44
2013 Multipurpose LTGO Bond Fund	0	0	1,000	0	0	0	0	0	1,000
2014 Multipurpose LTGO Bond Fund	0	0	0	668	0	0	0	0	668
<b>Total*:</b>	26	1,184	1,000	668	0	0	0	0	2,879
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	235	302	0	0	0	0	537
2003 Fire Facilities Fund	16	0	200	26	0	0	0	242
2008 Multipurpose LTGO Bond Fund	304	57	0	0	0	0	0	361
2010 Multipurpose LTGO Bond Fund	0	44	0	0	0	0	0	44
2013 Multipurpose LTGO Bond Fund	0	1,000	0	0	0	0	0	1,000
2014 Multipurpose LTGO Bond Fund	0	0	668	0	0	0	0	668
<b>Total:</b>	<b>319</b>	<b>1,336</b>	<b>1,171</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,853</b>

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	10	0	0	0	0	0	0	10
Seattle Voter-Approved Levy	101	1,753	0	0	0	0	0	0	1,854
General Obligation Bonds	189	404	0	0	0	0	0	0	594
General Obligation Bonds	0	43	0	0	0	0	0	0	43
General Obligation Bonds	0	0	50	0	0	0	0	0	50
<b>Total:</b>	290	2,211	50	0	0	0	0	0	2,551
<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	101	1,753	0	0	0	0	0	0	1,854
2008 Multipurpose LTGO Bond Fund	189	404	0	0	0	0	0	0	594
2010 Multipurpose LTGO Bond Fund	0	43	0	0	0	0	0	0	43
2013 Multipurpose LTGO Bond Fund	0	0	50	0	0	0	0	0	50
<b>Total*:</b>	290	2,211	50	0	0	0	0	0	2,551
<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.*

### 2013 - 2018 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	621	1,117	15	0	0	0	0	1,753
2008 Multipurpose LTGO Bond Fund	404	0	0	0	0	0	0	404
2010 Multipurpose LTGO Bond Fund	43	0	0	0	0	0	0	43
2013 Multipurpose LTGO Bond Fund	0	50	0	0	0	0	0	50
<b>Total:</b>	1,079	1,167	15	0	0	0	0	2,261

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

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	911	0	0	0	0	0	0	0	911
Seattle Voter-Approved Levy	5,024	1,157	0	0	0	0	0	0	6,181
General Obligation Bonds	4,661	3	0	0	0	0	0	0	4,664
General Obligation Bonds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	10,596	1,160	0	0	0	0	0	0	11,755

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	911	0	0	0	0	0	0	0	911
2003 Fire Facilities Fund	5,024	1,157	0	0	0	0	0	0	6,181
2008 Multipurpose LTGO Bond Fund	4,661	3	0	0	0	0	0	0	4,664
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	10,596	1,160	0	0	0	0	0	0	11,755

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	0	0	0	1,157	0	0	0	0	1,157
2008 Multipurpose LTGO Bond Fund	3	0	0	0	0	0	0	0	3
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	3	0	0	1,157	0	0	0	0	1,160

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## 2013 - 2018 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>	Q4/2016
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	19	0	0	0	0	0	0	19
Seattle Voter-Approved Levy	0	222	0	0	0	0	0	0	222
General Obligation Bonds	0	156	0	0	0	0	0	0	156
General Obligation Bonds	0	0	435	0	0	0	0	0	435
General Obligation Bonds	0	0	0	0	481	0	0	0	481
General Obligation Bonds	0	0	0	1,868	0	0	0	0	1,868
<b>Total:</b>	0	396	435	1,868	481	0	0	0	3,179
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	19	0	0	0	0	0	0	19
2003 Fire Facilities Fund	0	222	0	0	0	0	0	0	222
2010 Multipurpose LTGO Bond Fund	0	156	0	0	0	0	0	0	156
2013 Multipurpose LTGO Bond Fund	0	0	435	0	0	0	0	0	435
Future Bond Funds	0	0	0	0	481	0	0	0	481
2014 Multipurpose LTGO Bond Fund	0	0	0	1,868	0	0	0	0	1,868
<b>Total*:</b>	0	396	435	1,868	481	0	0	0	3,179
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	19	0	0	0	0	0	19
2003 Fire Facilities Fund	0	73	0	106	43	0	0	222
2010 Multipurpose LTGO Bond Fund	82	74	0	0	0	0	0	156
2013 Multipurpose LTGO Bond Fund	0	435	0	0	0	0	0	435
Future Bond Funds	0	0	0	481	0	0	0	481
2014 Multipurpose LTGO Bond Fund	0	0	1,868	0	0	0	0	1,868
<b>Total:</b>	<b>82</b>	<b>601</b>	<b>1,868</b>	<b>586</b>	<b>43</b>	<b>0</b>	<b>0</b>	<b>3,179</b>

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

### 2013 - 2018 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>	Q4/2016
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	26	5,065	677	0	0	0	0	0	5,769
Seattle Voter-Approved Levy	272	1,752	0	0	1,784	0	0	0	3,807
Property Sales and Interest Earnings-2	0	0	1,248	0	0	0	0	0	1,248
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	4,235	0	0	0	4,235
<b>Total:</b>	298	6,817	1,925	0	6,019	0	0	0	15,059
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	26	5,065	677	0	0	0	0	0	5,769
2003 Fire Facilities Fund	272	1,752	1,248	0	1,784	0	0	0	5,056
2013 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
Future Bond Funds	0	0	0	0	4,235	0	0	0	4,235
<b>Total*:</b>	298	6,817	1,925	0	6,019	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		147	0	2,089	3,506	0	0	0	5,742
2003 Fire Facilities Fund		319	1,003	878	2,532	52	0	0	4,784
2013 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
Future Bond Funds		0	0	0	4,235	0	0	0	4,235
<b>Total:</b>		466	1,003	2,967	10,273	52	0	0	14,761

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	197	0	0	0	0	0	0	197
Seattle Voter-Approved Levy	144	495	0	0	0	0	0	0	639
General Obligation Bonds	146	257	0	0	0	0	0	0	403
General Obligation Bonds	26	0	0	0	0	0	0	0	26
General Obligation Bonds	0	0	1,832	0	0	0	0	0	1,832
<b>Total:</b>	316	949	1,832	0	0	0	0	0	3,097
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	197	0	0	0	0	0	0	197
2003 Fire Facilities Fund	144	495	0	0	0	0	0	0	639
2008 Multipurpose LTGO Bond Fund	146	257	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	0	1,832	0	0	0	0	0	1,832
<b>Total*:</b>	316	949	1,832	0	0	0	0	0	3,097
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	197	0	0	0	0	0	197
2003 Fire Facilities Fund	466	0	30	0	0	0	0	495
2008 Multipurpose LTGO Bond Fund	257	0	0	0	0	0	0	257
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	1,832	0	0	0	0	0	1,832
<b>Total:</b>	722	2,029	30	0	0	0	0	2,781

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

### 2013 - 2018 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>	Q4/2015
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	674	0	0	0	0	0	0	674
Seattle Voter-Approved Levy	60	1,916	0	0	0	0	0	0	1,977
General Obligation Bonds	67	509	0	0	0	0	0	0	575
General Obligation Bonds	0	40	0	0	0	0	0	0	40
General Obligation Bonds	0	0	134	0	0	0	0	0	134
<b>Total:</b>	127	3,139	134	0	0	0	0	0	3,399
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	674	0	0	0	0	0	0	674
2003 Fire Facilities Fund	60	1,916	0	0	0	0	0	0	1,977
2008 Multipurpose LTGO Bond Fund	67	509	0	0	0	0	0	0	575
2010 Multipurpose LTGO Bond Fund	0	40	0	0	0	0	0	0	40
2013 Multipurpose LTGO Bond Fund	0	0	134	0	0	0	0	0	134
<b>Total*:</b>	127	3,139	134	0	0	0	0	0	3,399
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	674	0	0	0	0	0	674
2003 Fire Facilities Fund	9	78	1,823	6	0	0	0	1,916
2008 Multipurpose LTGO Bond Fund	197	311	0	0	0	0	0	509
2010 Multipurpose LTGO Bond Fund	0	40	0	0	0	0	0	40
2013 Multipurpose LTGO Bond Fund	0	134	0	0	0	0	0	134
<b>Total:</b>	207	1,237	1,823	6	0	0	0	3,272

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### 2013 - 2018 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>	Q4/2014
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	340	0	0	0	0	0	0	340
Seattle Voter-Approved Levy	60	1,296	0	0	0	0	0	0	1,356
General Obligation Bonds	85	125	0	0	0	0	0	0	210
General Obligation Bonds	7	294	0	0	0	0	0	0	301
General Obligation Bonds	0	0	340	0	0	0	0	0	340
<b>Total:</b>	153	2,054	340	0	0	0	0	0	2,547
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	340	0	0	0	0	0	0	340
2003 Fire Facilities Fund	60	1,296	0	0	0	0	0	0	1,356
2009 Multipurpose LTGO Bond Fund	85	125	0	0	0	0	0	0	210
2010 Multipurpose LTGO Bond Fund	7	294	0	0	0	0	0	0	301
2013 Multipurpose LTGO Bond Fund	0	0	340	0	0	0	0	0	340
<b>Total*:</b>	153	2,054	340	0	0	0	0	0	2,547
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program



## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	340	0	0	0	0	0	0	340
2003 Fire Facilities Fund	436	850	10	0	0	0	0	1,296
2009 Multipurpose LTGO Bond Fund	125	0	0	0	0	0	0	125
2010 Multipurpose LTGO Bond Fund	294	0	0	0	0	0	0	294
2013 Multipurpose LTGO Bond Fund	0	340	0	0	0	0	0	340
<b>Total:</b>	1,194	1,190	10	0	0	0	0	2,394

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### 2013 - 2018 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>	Q4/2013
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	889	876	0	0	0	0	0	0	1,766
<b>Total:</b>	889	876	0	0	0	0	0	0	1,766
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	889	876	0	0	0	0	0	0	1,766
<b>Total*:</b>	889	876	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		297	579	0	0	0	0	0	876
<b>Total:</b>		297	579	0	0	0	0	0	876

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	16,065	5,590	6,030	1,880	2,845	3,506	3,506	3,506	42,928
<b>Total:</b>	16,065	5,590	6,030	1,880	2,845	3,506	3,506	3,506	42,928
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	16,065	5,590	6,030	1,880	2,845	3,506	3,506	3,506	42,928
<b>Total*:</b>	16,065	5,590	6,030	1,880	2,845	3,506	3,506	3,506	42,928
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station Roof Replacements

<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>	Q1/2012
<b>Project ID:</b>	A1PS204	<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 replaces failing roofing systems at Fire Stations 8, 11 & 27. Improvements include, but are not limited to, hazardous material abatement, new life safety fall protection system, and adding insulation due to energy code requirements. Work will eliminate water intrusion, damages to interior finishes and structural damage.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	502	0	0	0	0	0	0	502
<b>Total:</b>	0	502	0	0	0	0	0	0	502

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	502	0	0	0	0	0	0	502
<b>Total*:</b>	0	502	0	0	0	0	0	0	502

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	330	172	0	0	0	0	0	0	502
<b>Total:</b>	330	172	0	0	0	0	0	0	502

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## 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	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	14,804	48	0	0	0	0	0	0	14,852
General Obligation Bonds	696	0	0	0	0	0	0	0	696
General Obligation Bonds	2,321	1,179	0	0	0	0	0	0	3,500
<b>Total:</b>	22,119	1,227	0	0	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	14,804	48	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	2,321	1,179	0	0	0	0	0	0	3,500
<b>Total*:</b>	22,119	1,227	0	0	0	0	0	0	23,346
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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	42	7	0	0	0	0	0	48
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
2008 Multipurpose LTGO Bond Fund	58	1,120	0	0	0	0	0	1,179
<b>Total:</b>	100	1,127	0	0	0	0	0	1,227

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### 2013 - 2018 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 fund 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	232	46	24	25	26	27	28	29	437
<b>Total:</b>	232	46	24	25	26	27	28	29	437
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	232	46	24	25	26	27	28	29	437
<b>Total*:</b>	232	46	24	25	26	27	28	29	437
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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 2013/2014 three major projects are funded for various FAS Maintenance Shops and Yards facilities.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	1,370	2,552	0	0	0	0	3,922
<b>Total:</b>	0	0	1,370	2,552	0	0	0	0	3,922
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,370	2,552	0	0	0	0	3,922
<b>Total*:</b>	0	0	1,370	2,552	0	0	0	0	3,922

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### 2013 - 2018 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>	
<b>Project ID:</b>	A1GM207	<b>End Date:</b>	
<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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	312	0	0	0	0	0	312
<b>Total:</b>	0	0	312	0	0	0	0	0	312
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	312	0	0	0	0	0	312
<b>Total*:</b>	0	0	312	0	0	0	0	0	312

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	6,632	1,000	0	0	0	0	7,632
General Obligation Bonds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	6,632	1,000	0	0	0	0	7,632
<b>Fund Appropriations/Allocations</b>									
2013 Multipurpose LTGO Bond Fund	0	0	6,632	1,000	0	0	0	0	7,632
Future Bond Funds	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	6,632	1,000	0	0	0	0	7,632
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 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>	Q3/2019
<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 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
To be determined	0	0	0	0	6,000	10,000	20,000	33,500	69,500
General Obligation Bonds	0	0	750	0	0	0	0	0	750
General Obligation Bonds	0	0	0	17,500	0	0	0	0	17,500
<b>Total:</b>	0	0	750	17,500	6,000	10,000	20,000	33,500	87,750
<b>Fund Appropriations/Allocations</b>									
2013 Multipurpose LTGO Bond Fund	0	0	750	0	0	0	0	0	750
2014 Multipurpose LTGO Bond Fund	0	0	0	17,500	0	0	0	0	17,500
<b>Total*:</b>	0	0	750	17,500	0	0	0	0	18,250

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### 2013 - 2018 Proposed Capital Improvement Program

# Finance and Administrative Services

## One Hour Fire Separations in Fire Stations

<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>	Q1/2012
<b>Project ID:</b>	A1PS203	<b>End Date:</b>	Q4/2013
<b>Location:</b>			
<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

Address L&I citations by providing a one-hour fire resistive assembly between the apparatus bay and all sleeping areas in various fire stations. The majority of corrections include replacing doors leading into the apparatus bay with the properly rated doors, frames, and hardware, replacing glass with wire glass or fire rated glass, and providing rated enclosures at all openings and penetrations.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	520	0	0	0	0	0	0	520
<b>Total:</b>	0	520	0	0	0	0	0	0	520
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	520	0	0	0	0	0	0	520
<b>Total*:</b>	0	520	0	0	0	0	0	0	520
<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		495	25	0	0	0	0	0	520
<b>Total:</b>		495	25	0	0	0	0	0	520

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### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,276	169	420	100	0	0	0	0	1,965
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	0	620	0	0	0	620
<b>Total:</b>	1,583	218	420	100	620	0	0	0	2,941
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,276	169	420	100	0	0	0	0	1,965
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>	1,583	218	420	100	0	0	0	0	2,321
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2013 - 2018 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>	Q1/2013
<b>Project ID:</b>	A1IT03	<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>	

The Seattle License Information System (SLIM) manages the issuance and renewal of business licenses; and the collection of revenue from fees and taxes. The system was originally implemented in 1996 at a cost of \$1.2 million and was developed in-house. SLIM is outdated and can no longer adequately meet the needs of expanding business license, tax collection and enforcement processes. The City needs a revenue collection that is more user friendly, flexible, allows integration of newer technology, requires fewer manual processes and workarounds, and supports data needs, such as GIS, real-time processing and reporting capabilities. While the preference is to purchase off-the-shelf software, the City would also consider hiring an outside vendor to build a new system.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	0	0	5,000	0	0	0	5,000
<b>Total:</b>	0	0	0	0	5,000	0	0	0	5,000

#### Fund Appropriations/Allocations

Future Bond Funds	0	0	0	0	5,000	0	0	0	5,000
<b>Total*:</b>	0	0	0	0	5,000	0	0	0	5,000

#### Spending Plan by Fund

Future Bond Funds	0	0	0	3,000	2,000	0	0	5,000
<b>Total:</b>	0	0	0	3,000	2,000	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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	5,886	0	0	0	0	0	5,886
General Obligation Bonds	0	0	0	0	6,218	0	0	0	6,218
General Obligation Bonds	0	0	0	7,038	0	0	0	0	7,038
<b>Total:</b>	0	0	5,886	7,038	6,218	0	0	0	19,142
<b>Fund Appropriations/Allocations</b>									
2013 Multipurpose LTGO Bond Fund	0	0	5,886	0	0	0	0	0	5,886
Future Bond Funds	0	0	0	0	6,218	0	0	0	6,218
2014 Multipurpose LTGO Bond Fund	0	0	0	7,038	0	0	0	0	7,038
<b>Total*:</b>	0	0	5,886	7,038	6,218	0	0	0	19,142

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

### 2013 - 2018 Proposed Capital Improvement Program





# **INFORMATION TECHNOLOGY**



# Department of Information Technology

## Overview

The Department of Information Technology (DoIT) builds, manages and maintains the City's government information technology infrastructure – radio, data, communications, and computer networks – used by other City departments to serve constituents. DoIT also manages the Seattle Channel and the City's central data center, which houses most of the computer servers and the computing architecture that operate City department software applications. DoIT also directs the development of certain computer application projects on behalf of other City departments.

The Capital Improvement Program (CIP) supports DoIT's mission by providing for major technology upgrades, major maintenance and improvements to the City's existing networks, computing architecture and systems. This includes: enhancements and upgrades to the data and communications infrastructure; build out of fiber optic links; and upgrades and improvements to the public safety radio network, the enterprise computing system, and the television channel infrastructure.

DoIT's CIP has grown steadily over the ten years of its existence, in line with the City's growing investment in information technology during that time period. Projects have been completed successfully on time and within budget. Close fiscal stewardship has allowed DoIT to make the most of the available CIP funds. Savings have been used to expand scope and/or complete additional efforts, and City funds have been used to leverage grant and external funding to maximum benefit.

## 2013-2018 CIP

The DoIT 2013-2018 Proposed CIP includes two new projects: (1) the Next Generation Data Center and (2) the Electronic Records Management System.

The Next Generation Data Center is a new project of paramount importance to the City. In 2012, the City identified a power transmission problem in the Seattle Municipal Tower (SMT) that directly impacted the City's primary data center, and therefore affected the business operations of all City departments. In addition, separate IT infrastructure that's housed in the SMT but managed by City Light and the Department of Transportation was also affected. Although, the problem has been repaired it underscored the need to upgrade the City's systems. The 2013- 2014 Proposed DoIT CIP Budget includes funding to plan for the next generation data center. In 2013, the City will begin planning and designing alternatives for a new data center that will provide more capacity, redundancy and resiliency.

An engineering consultant report completed in 2012 developed preliminary options and costs for an upgraded system of data centers. The preliminary recommendation is to develop an integrated system with a new more redundant and reliable main data center, upgrade two existing City data centers to enhance redundancy and reliability, and to repurpose or decommission the remaining data centers. Preliminary estimates suggest the costs to range from \$29 million to \$49 million depending on which choices are made to meet the City's needs. The project is expected to take three years to complete. In planning for the City's future data center needs, DoIT and the Department of Finance and Administrative Services, working in conjunction with other City departments, will take a holistic look at the City's comprehensive data center needs and assess the potential of serving those needs in facilities already maintained by the City. This options analysis will determine: which systems should be housed in City facilities, which systems could be best accommodated in leased data center space, which applications may be candidates for cloud computing, and where the City needs redundancies to ensure reliable access to the City's business systems.

## Department of Information Technology

The Electronic Records Management System will be a multi-year initiative to address the City's need for a system that will manage the retention of electronic records and provide efficient search and e-delivery tools for responding to business needs, public records requests, and other legal matters. The project will begin in 2013 with the replacement of the City's current email archiving system and will be followed in future years by additional phases expanding electronic records management capabilities to other types and formats of records.

The remainder of the DoIT 2013-2018 Proposed CIP focuses on routine maintenance, replacement and upgrades for existing systems. The 2013 projects include:

- Replacement of the City's data center;
- Infrastructure maintenance in the 800 MHz radio network program;
- Upgrades to the alternate data center;
- Replacement, maintenance and upgrades of software and hardware in the City's computing services architecture environment;
- Replacement and upgrades of equipment for the Seattle Channel;
- Installation and maintenance of fiber optic cable links and spurs to various locations.

### Summary of Upcoming Budget Issues and Challenges

While DoIT's CIP Program has been highly successful overall, the nature of technology ensures that there will be ongoing new investments and requirements. Upcoming challenges for the CIP include:

- The City's growing investment in and dependency on IT requires an increasing commitment to fund associated support and replacement costs. New technologies are rapidly being developed and adopted in the general economy and constituents have expectations that government will use the same kinds of technologies that are adopted and used by private companies.
- The rapid and major changes in technology present a major challenge for the City. User demands (both internal staff and constituents) around technology continue to grow as available functionality expands exponentially. Additionally, user expectations continue to grow while resources are constrained to invest in new technologies.
- The City is part of a tri-county public safety radio system. The current technology platform is approaching phased obsolescence and will need to be replaced or upgraded. A three-county committee is exploring options for this effort, including funding strategies. The current CIP does not assume outside funding to replace or upgrade the radio system. The City's Radio Reserves, managed within DoIT's CIP, have through the recession received curtailed funding to help balance the budget. In order to ensure adequate funding for the next planned replacement of public safety radios in the 2020 timeframe, increased collections will be required if the regional funding initiative does not address this.

### 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.

- **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 for City employees in all departments to perform their work. As such, a majority of DoIT's CIP is expended on "Asset Preservation" and keeping these tools and systems up and operating.

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Information Technology

- **Keep City Technology and Data safe, secure and compliant.** The increasing “computerization” of the City’s information and operations has been paralleled by a similar growth in the threats and risks to those systems and in 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/federal regulations/laws/requirements.
- **Use Technology to make City government more accessible/accountable/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 in near-to-real time.
- **Improve Efficiency & 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/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.)

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:

- 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 over for consideration and ranking with other Department Budget Issue Paper Proposals as part of the normal budget cycle.

## Department of Information Technology

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/through us to get work done).

Projects which are determined to be non-discretionary are automatically included in the Department's CIP and Budget Proposal. Some examples of this type of project in the 2013-2018 CIP include maintenance of existing fiber optic networks and completion of currently contracted work for fiber partners due to reimbursable contracts with regional partners.

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. Projects such as these 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. The major new initiative is the new project to replace the City's existing Data Center. Other examples of discretionary projects chosen for inclusion in the 2013-2018 CIP budget include telephone, Enterprise Computing, and Seattle Channel asset replacement work which were included because equipment is at the end of its viable lifecycle and needs replacing before it fails.

# Department of Information Technology

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2012	2013	2014	2015	2016	2017	2018	Total
<b>Finance and Administration</b>									<b>D1100</b>
Electronic Records Management System (D102TC008)	0	0	150	3,000	0	0	0	0	3,150
Next Generation Data Center (D102TC007)	0	0	2,625	29,465	2,625	0	0	0	34,715
<b>Finance and Administration</b>	0	0	2,775	32,465	2,625	0	0	0	37,865
<b>Office of Electronic Communications</b>									<b>D4400</b>
Seattle Channel Maintenance and Upgrade (D404EC001)	770	37	291	293	364	366	369	382	2,872
<b>Office of Electronic Communications</b>	770	37	291	293	364	366	369	382	2,872
<b>Technology Infrastructure</b>									<b>D3300</b>
800 MHz Radio Network Program (D3RNRS)	10,345	4,712	535	555	572	586	609	629	18,543
Alternate Data Center (D301AR001)	424	157	589	0	0	65	195	720	2,150
Computing Services Architecture (D300CSARC)	2,342	1,623	2,536	2,844	2,079	2,023	2,104	2,174	17,725
Data and Telephone Infrastructure (COMINFRA)	13,028	2,430	2,454	2,534	3,050	3,343	2,891	2,987	32,717
Enterprise Computing (D301CS001)	3,300	0	0	2,170	1,175	526	547	565	8,283
Fiber-Optic Communication Installation and Maintenance (FIBER)	18,325	3,208	3,329	3,431	3,589	3,765	3,915	4,044	43,606
Puget Sound Next-Generation Voice/Data System (D314GR001)	2,882	1,669	0	0	0	0	0	0	4,551
<b>Technology Infrastructure</b>	50,646	13,799	9,443	11,534	10,465	10,308	10,261	11,119	127,575
<b>Department Total*:</b>	51,416	13,836	12,509	44,292	13,454	10,674	10,630	11,501	168,312

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program





# Department of Information Technology

## Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Information Technology Fund (50410)	51,416	13,836	12,509	44,292	13,454	10,674	10,630	11,501	168,312
<b>Department Total*:</b>	51,416	13,836	12,509	44,292	13,454	10,674	10,630	11,501	168,312

*\*Amounts in thousands of dollars*

**2013 - 2018 Proposed Capital Improvement Program**



# Department of Information Technology

## 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	10,345	4,712	535	555	572	586	609	629	18,543
<b>Total:</b>	10,345	4,712	535	555	572	586	609	629	18,543
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	10,345	4,712	535	555	572	586	609	629	18,543
<b>Total*:</b>	10,345	4,712	535	555	572	586	609	629	18,543
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Information Technology

### 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	424	157	589	0	0	65	195	720	2,150
<b>Total:</b>	424	157	589	0	0	65	195	720	2,150
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	424	157	589	0	0	65	195	720	2,150
<b>Total*:</b>	424	157	589	0	0	65	195	720	2,150
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Information Technology

### 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	2,342	1,623	2,536	1,844	2,079	2,023	2,104	2,174	16,725
2014 Multipurpose LTGO Bond Fund	0	0	0	1,000	0	0	0	0	1,000
<b>Total:</b>	2,342	1,623	2,536	2,844	2,079	2,023	2,104	2,174	17,725
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	2,342	1,623	2,536	2,844	2,079	2,023	2,104	2,174	17,725
<b>Total*:</b>	2,342	1,623	2,536	2,844	2,079	2,023	2,104	2,174	17,725
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

# Department of Information Technology

## 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	1,400	0	0	0	0	0	0	0	1,400
Internal Service Fees and Allocations, Outside Funding Partners	11,628	2,430	2,454	2,534	3,050	3,343	2,891	2,987	31,317
<b>Total:</b>	13,028	2,430	2,454	2,534	3,050	3,343	2,891	2,987	32,717
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	13,028	2,430	2,454	2,534	3,050	3,343	2,891	2,987	32,717
<b>Total*:</b>	13,028	2,430	2,454	2,534	3,050	3,343	2,891	2,987	32,717
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program

# Department of Information Technology

## 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	0	150	0	0	0	0	0	150
2014 Multipurpose LTGO Bond Fund	0	0	0	3,000	0	0	0	0	3,000
<b>Total:</b>	0	0	150	3,000	0	0	0	0	3,150
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	0	0	150	3,000	0	0	0	0	3,150
<b>Total*:</b>	0	0	150	3,000	0	0	0	0	3,150

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### 2013 - 2018 Proposed Capital Improvement Program

## Department of Information Technology

### 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
To be determined	0	0	0	0	1,175	526	547	565	2,813
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	0	2,170	0	0	0	0	2,170
<b>Total:</b>	3,300	0	0	2,170	1,175	526	547	565	8,283
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	3,300	0	0	2,170	1,175	526	547	565	8,283
<b>Total*:</b>	3,300	0	0	2,170	1,175	526	547	565	8,283
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2013 - 2018 Proposed Capital Improvement Program



# Department of Information Technology

## 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	18,325	3,208	3,329	3,431	3,589	3,765	3,915	4,044	43,606
<b>Total:</b>	18,325	3,208	3,329	3,431	3,589	3,765	3,915	4,044	43,606
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	18,325	3,208	3,329	3,431	3,589	3,765	3,915	4,044	43,606
<b>Total*:</b>	18,325	3,208	3,329	3,431	3,589	3,765	3,915	4,044	43,606
<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.*

### 2013 - 2018 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>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	0	0	2,625	0	0	0	2,625
2013 Multipurpose LTGO Bond Fund	0	0	2,625	0	0	0	0	0	2,625
2014 Multipurpose LTGO Bond Fund	0	0	0	29,465	0	0	0	0	29,465
<b>Total:</b>	0	0	2,625	29,465	2,625	0	0	0	34,715
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	0	0	2,625	29,465	2,625	0	0	0	34,715
<b>Total*:</b>	0	0	2,625	29,465	2,625	0	0	0	34,715

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### 2013 - 2018 Proposed Capital Improvement Program

# Department of Information Technology

## Puget Sound Next-Generation Voice/Data System

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q4/2008
<b>Project ID:</b>	D314GR001	<b>End Date:</b>	Q2/2012
<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 the installation of a next-generation voice and data switching system in the Puget Sound region (King, Pierce and Snohomish Counties). The project enhances and provides for interoperable radio and data communications for public safety agencies throughout the region.

	LTD Actuals	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	2,150	1,268	0	0	0	0	0	0	3,418
Internal Service Fees and Allocations, Outside Funding Partners	732	401	0	0	0	0	0	0	1,133
<b>Total:</b>	2,882	1,669	0	0	0	0	0	0	4,551
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	2,882	1,669	0	0	0	0	0	0	4,551
<b>Total*:</b>	2,882	1,669	0	0	0	0	0	0	4,551
<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.*

### 2013 - 2018 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	2012 Rev	2013	2014	2015	2016	2017	2018	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	770	37	291	293	364	366	369	382	2,872
<b>Total:</b>	770	37	291	293	364	366	369	382	2,872
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	770	37	291	293	364	366	369	382	2,872
<b>Total*:</b>	770	37	291	293	364	366	369	382	2,872
<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.*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* 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
K730176	14th Avenue NW Park Boulevard Development (NW 58th to NW 62nd)	This project will provide 17,000 square feet of pedestrian and environmentally-friendly amenities such as swales, natural landscaping, and benches.	0 14th AVE NW/NW 58th ST/NW 62nd ST
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.	427 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.	0 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
K733082	First Hill Park Development	This project will add an approximately 10,000 square foot neighborhood park.	0 TBD
K732391	Golf Master Plan Implementation	This project includes new driving ranges, building replacements, perimeter trails and cart paths.	7,371 Citywide
K730011	Green Space Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	750 Citywide

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
K730118	Highland Park (Wading Pool #3) Spray Park Development	This project converts a wading pool into a spray facility with water conservation elements.	0 1100 SW Cloverdale ST
K730091	Hing Hay Park Development	This project adds .31 acres of parkland to an existing neighborhood park.	500 423 Maynard AVE S
K730105	Hubbard Homestead Park (Northgate) Development- 2008 Parks Levy	This project will develop a new 3.73 park in the Northgate area and serve future residential development in the area.	0 NE 105th ST
K730129	Jefferson Park Development- 2008 Parks Levy	This project adds utilities, irrigation, pathways, and the Beacon Mountain play area to the park and redevelops Jefferson Playfield for increased usability and year-round use.	0
K730146	Jimi Hendrix Park Improvements	This project makes the park more inviting, usable, and environmentally friendly.	0 2400 Massachusetts ST
K730147	John Muir Elementary Playground Improvements	This project makes the park more inviting, usable, and environmentally friendly.	0 3301 S Horton ST
K730094	Judkins Skatespot Development	This project adds one skatespot in the park.	0 2150 S Norman ST
K730150	Lower Kinnear Park Renovation	The project will redevelop the park making it more inviting and usable.	0 899 W Olympic PL
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.	100 9026 4th AVE S
K730151	McGilvra Place Renovation	This project will provide more usable and environmentally-friendly park space on this 0.06 acre site.	0 15th AVE/Pike ST/Madison ST
K733001	Neighborhood Park Acquisitions General	This project will acquire various new properties.	0 Citywide
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
K730106	Othello Park Improvements	This project renovates the 7.6 acre park with better access, circulation, and safety improvements.	0 4351 S Othello ST
K730108	Queen Anne Off Leash Park Development	This project adds one off-leash area to the Queen Anne neighborhood.	0
K732337	Rainier Beach Community Center Redevelopment	This project will replace the existing community center and swimming pool.	6,600 8802 Rainier Ave S

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
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.	0 5513 S Cloverdale ST
K730112	Roxhill Park Skatespot Development	This project adds one skatespot to the park.	0 2850 SW Roxbury 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
K732365	Skatepark Plan Implementation	This project will increase capacity for skateboarding throughout the City. The exact increase will be determined during the planning process.	0 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.	400 2001 Western AVE
K730132	Washington Park Arboretum Improvements- 2008 Parks Levy	This project renovates park areas with new horticultural displays and trails.	78 2300 Arboretum DR E
K730158	Washington Park Playfield Renovation	This project increases the field usability to year-round use and improves the energy efficiency of the field lights.	0 2500 Lake Washington BLVD 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*

### 2013 - 2018 Proposed Capital Improvement Program

# Seattle Department of Transportation

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
TC367370	3rd Avenue Corridor Improvements	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	1,800 3rd AVE/S Jackson ST/Denny WAY
TC366050	Alaskan Way Viaduct & Seawall Replacement	This project funds the City's involvement in the replacement of the Alaskan Way Viaduct and Seawall.	5,800 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	500 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.	5,777 Citywide
TC367240	Broadway Streetcar Extension	This project will build a half-mile streetcar line.	1,250 Broadway E/E Denny Way/E Roy ST
TC364830	Burke-Gilman Trail Extension	This project will construct three miles of new multi-use trail.	320 Various
TC367070	Cheshiahud Lake Union Trail Project	This project will install a six mile loop trail.	0 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.	152 Citywide
TC365760	Denny Triangle Improvements	This project will develop street designs, and implement green street or open space amenities within the Denny Triangle.	0 Various
TC367380	Eastlake High Capacity Transit	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	2,000 Eastlake AVE/Stewart ST/NE 65th ST
TC367100	First Hill Streetcar	The project constructs a modern, low-floor streetcar system.	24,816 Various

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program



# Seattle Department of Transportation

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
TC365850	Freight Spot Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	400 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
TC323130	Left Turn Signals	This project will add between three and five left turn signals annually.	195 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
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.	5,465 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.	26,854 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.	400 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.	321 Citywide
TC367090	Railroad Crossing Signal Improvements	This project will install new railroad crossing gates and flashing lights.	0 Broad St B/Alaskan Way/Elliott Ave Broad St B/Alaskan Way/Elliott Ave
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

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## Seattle Department of Transportation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
TC367040	Sound Transit - University Link	This project will provide design review, permitting, and construction support services for the Sound Transit University Link project.	69 TBD
TC367190	Sound Transit North Link	Construct a 4.3-mile light rail line and three stations at Northgate, Roosevelt and University District.	200 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.	567
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 Seattle Transit Plan.	3,166 Citywide
TC367330	Waterfront Improvement Program	The program will construct a new Alaskan Way surface street and public space.	19,500 Various
TC367130	West Duwamish Trail	This project will build a new section of a multi-use trail.	0 TBD

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* 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.	3,107 SR 99 / Battery St

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

**New or Expanded Capital Facilities**

<b>Proj. ID</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2013* Location</b>
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.	2,430 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.	40 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.	500 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.	1,572 Various
C3373	Capitol Hill Water Quality Project	The project treats 7.2 cfs of stormwater runoff from Capitol Hill.	2,478 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.	46 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.	350 Densmore Basin
C1128	Distribution System Improvements	This project will improve the distribution system to meet customer service levels.	1,140 Citywide
C3610	Green Stormwater Infrastructure Program	This project increases capacity to convey combined sewer flows by slowing stormwater flows and reducing volumes entering the combined system, this is achieved by slowing, infiltrating or reusing stormwater.	4,799 Citywide
C3807	Inflow/Infiltration Control	This project will add capacity to the existing sanitary sewer collection system by reducing unregulated flows.	0 Various

*\*Amounts in thousands of dollars*

**2013 - 2018 Proposed Capital Improvement Program**

**New or Expanded Capital Facilities**

<b>Proj. ID</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2013* Location</b>
C3802	Localized Flood Control Program	This program will provide flood control and local drainage and wastewater projects in under-served parts of Seattle to improve system capacity or increase the existing level of service.	2,600 Various
C3604	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	4,517 N/A
C3805	Madison Valley Long Term Solution	The project will provide an estimated additional stormwater storage capacity of 2.8 million gallons.	250 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.	629 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.	939 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.	1,263 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.	158 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.	1,183 Citywide
C4105-DWF	Operations Control Center - DWF	This program will improve facilities at the Operations Control Center.	76 2700 Airport Way S
C4105-SWF	Operations Control Center - SWF	This program will improve facilities at the Operations Control Center.	24 2700 Airport Way S
C4105-WF	Operations Control Center - WF	This program will improve facilities at the Operations Control Center.	170 2700 Airport Way S

*\*Amounts in thousands of dollars*

**2013 - 2018 Proposed Capital Improvement Program**

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
C3703	Pump Station and Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	1,560 Various
C4107-WF	Regional Facility - WF	This program will improve facilities at SPU's regional sites.	3,321 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.	1,769 Citywide Plus Wholesale
C1411	Reservoir Covering - Maple Leaf	This project will underground Maple Leaf Reservoir to protect drinking water quality.	1,250 NE 86th St/Roosevelt Wy NE
C1410	Reservoir Covering - Myrtle	This project will underground Myrtle Reservoir to protect drinking water quality.	50 SW Myrtle St/35th Ave SW
C1407	Reservoir Covering - Volunteer	This project will underground Volunteer Reservoir to protect drinking water quality.	20 E Prospect St./12th Ave. E
C1409	Reservoir Covering - West Seattle	This project will underground West Seattle Reservoir to protect drinking water quality.	700 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.	8,120 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.	6,196 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.	676 Citywide & Direct Service
C4113-DWF	Security Improvements - DWF	This program will provide increased security and protection at SPU facilities.	21 Citywide
C4113-SWF	Security Improvements - SWF	This program will provide increased security and protection at SPU facilities.	114 Citywide

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

# Seattle Public Utilities

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
C4113-WF	Security Improvements - WF	This program will provide increased security and water quality protection at SPU facilities.	1,988 Citywide
C4135-DWF	Sound Transit - North Link - DWF	N/A	72 Various
C4135-WF	Sound Transit - North Link - WF	N/A	72 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.	0 Central & South areas of Seattle
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.	4,500 698 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.	1,000 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.	4,000 Thornton Creek
C3333	Venema Creek Natural Drainage System	This project increases the capacity to convey stormwater flows.	500 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.	104 Citywide
C1113	Water Infrastructure - New Taps	This project will install approx. 800 new taps per year to domestic, commercial, and fire protection systems.	4,800 Citywide
C1111	Water Infrastructure - Watermain Extensions	This project will install approximately 8,000 feet of new watermains per year.	800 Citywide
C3605	Windermere Combined Sewer Overflow Storage	This project will construct approximately 2,000,000 gallons of Combined Sewer Overflow storage capacity.	17,178 NE 65th St./Sand Point Way NE

\*Amounts in thousands of dollars

### 2013 - 2018 Proposed Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
8307	Alaskan Way Viaduct and Seawall Replacement - Utility Relocs	This project will fund design review, project management, and other costs of City Light related to utility relocation associated with the Alaskan Way Viaduct and Seawall Replacement project.	6,225 SR 99 / Battery St
9940	Asset Management Program	This project will design, develop and implement an integrated asset management program. It will provide for a complete inventory of SCL assets and condition of the assets, and allow for informed maintenance, repair, renew and replace decisions.	35 700 5th Avenue
9950	Automated Utility Design Implementation	This project replaces electric utility design software.	1,093 System Wide
6987	Boundary - Licensing Mitigation	This project implements protection, mitigation and enhancement measures (PME) required by the terms and conditions of a Settlement Agreement.	16,222 10382 Boundary Rd, Metaline, WA 99153
6533	Boundary - New Unit - 57	This project generates new electrical generation capacity at Boundary Dam.	0
6350	Boundary Dam - Units 51-54 Turbine Pit Cranes	This project will install monorail hoist systems in the Units 51-54 turbine pits which will facilitate maintenance and assembly of wicket gate linkages and other components in the turbine pits.	158 10382 Boundary Rd, Metaline, WA 99153
6383	Boundary Dam - Units 51-56 Penstock Flow Monitoring	This project will install a permanent means of monitoring water flow in the Boundary Dam turbines.	0 10382 Boundary Rd, Metaline, WA 99153
6493	Boundary Switchyard - Generator Step-up Transformers	This project will purchase a step-up transformers including a spare.	3,827 10382 Boundary Rd, Metaline, WA 99153
8203	Broad Street Substation - Network	This project will install new vaults and conduits in the Broad Street Substation service area.	4,377 319 6th AV N
8401	Burien Undergrounding - Phase 2	This project will fund the undergrounding of electrical distribution facilities during Phase 2 of the 1st Avenue South road improvement project in Burien.	603 1st Ave South/145th Street/139th Street
8403	Citywide Undergrounding Initiative - City Light	This project will underground City Light's electrical infrastructure, taking advantage of undergrounding opportunities in the course of transportation and utility projects in the City.	13 System Wide

\*Amounts in thousands of dollars

## 2013 - 2018 Proposed Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
8430	Creston-Nelson to Intergate East Feeder Installation	This project will install a new feeder.	10 Tukwila
9937	Customer Information System	This project makes improvements to the Consolidated Customer Service System shared with Seattle Public Utilities.	16,362 700 5th Avenue
9944	Customer Portal Development	This project provides new on-line services on the City Light website.	870
8404	Denny Substation - Network	This project provides new network capacity to serve customers from the new Denny substation.	2,501 Valley Street/Denny Ave
7757	Denny Substation Development	This project will provide property acquisition and site remediation for a future 200 MVA substation in North Downtown.	2,039 System Wide
7125	Denny Substation Transmission Lines	This project provides power to the new Denny Substation.	121 System Wide
6481	Diablo Facility - Storage Building	This project will construct a new storage/work building.	973 Milepost 126 State Highway 20
6365	Diablo Powerhouse - DC Lighting Systems Upgrade	This project replaces out-of-date AC/DC lighting systems at Diablo Powerhouse with more energy-efficient systems.	250 Milepost 126 State Highway 20
9307	Distribution Area Communications Networks	This project will provide fiber rings to Seattle-area facilities to create a secure digital communications network.	2,710 Citywide
9962	Enterprise Document Management System	This project provides a document management system for City Light.	533
8442	First Hill Connector Streetcar	This project provides for utility relocations to facilitate construction of the First Hill Connector streetcar project.	213 Broadway / Boren / Jackson / King
6470	Generation Federal Reliability Standards Improvements	This ongoing project will provide compliance with emergent standards mandated by regulatory agencies for power production regional reliability.	1,071 500 Newhalem Creek Rd, Marblemount, WA 98267
6302	Gorge Facility - Second Tunnel Installation	This project will design a second water tunnel at the Gorge Facility, resulting in an additional annual production of up to 50,000 MWH's.	293 Milepost 121 State Highway 20
9955	Integrated Budget System	This project upgrades the utility's budget preparation software.	554 System Wide

\*Amounts in thousands of dollars

## 2013 - 2018 Proposed Capital Improvement Program



## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
8365	Large Overhead and Underground Services	This project provides large size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of 3 MVA or larger and 26 kV radial service.	2,641 System Wide
8202	Massachusetts Street Substation - Networks	This project will install new vaults and conduits in the Massachusetts Street Substation service area.	3,401 1555 Utah AV S
8366	Medium Overhead and Underground Services	This 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 service.	6,762 System Wide
8376	Mercer Corridor Relocations	This project will convert existing overhead power distribution systems to underground and relocate existing transmission lines underground.	1,437 Mercer Street & I - 5/Dexter Ave N
8443	Mercer Corridor West Phase Relocations	This project relocates utilities for the north portal of the tunnel that replaces the Alaskan Way Viaduct in the vicinity of SR99 & 6th Ave North.	545 Mercer/Broad/Aurora
8054	Meter Additions	This project will install new meters and upgrade existing meters annually.	4,424 System Wide
9953	Meter Reading Software Replacement	This project upgrades the utility's meter reading software.	384 System Wide
8429	Mobile Workforce Implementation	This project will provide mobile communication and computing equipment for Seattle City Light workers to use in the field.	0 Citywide
8383	Neighborhood Voluntary Undergrounding Program	This project will provide City Light resources to serve potential Voluntary Undergrounding Program customers.	37 System Wide
8405	Network Additions and Services - Denny	This project will provide electrical service connections and related improvements in response to customer service requests, including replacing or installing network transformers, network protectors, and specialty transformers.	129 Valley Street/Denny Ave

\*Amounts in thousands of dollars

## 2013 - 2018 Proposed Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
8363	Network Additions and Services: Broad Street Substation	This project will provide electrical service connections and related improvements in response to customer service requests, including replacing or installing network transformers, network protectors, and specialty transformers.	6,748 319 6th AV N
8364	Network Additions and Svcs: First Hill, Mass, Union & Univer	This project will provide electrical service connections and related improvements in response to customer service requests, including replacing or installing network transformers, network protectors, and specialty transformers.	2,219 1555 Utah AV S
9943	Network Geographic Information Systems	This projects moves the network geographic information to a new application environment.	1,112 System Wide
8129	Network Hazeltine Upgrade	This project will install upgraded equipment in the existing network monitoring system.	527 System Wide
9103	Office Furniture and Equipment Purchase	This project acquires office equipment and furniture costing more than \$5,000 for modular office workstations, conference room ensemble furniture, and major office machines for space created or modified under the workplace and process improvement program.	218 System Wide
8355	Overhead Customer Driven Capacity Additions	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 and is for their direct benefit. The customers will reimburse City Light.	4,006 System Wide
8356	Overhead System Capacity Additions	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.	2,119 System Wide
8452	Pole Attachment Requests Preparation Work	This project supports requests from other utilities and communication companies to utilize SCL poles.	2,341 System Wide
9226	Pole Yard Relocation	This project will fund construction of a new pole yard.	273

\*Amounts in thousands of dollars

## 2013 - 2018 Proposed Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
6385	Power Production - Network Controls	This project will install a basic control network and integrate existing, major control systems, resulting in improved monitoring and control and reduced outages.	2,577 500 Newhalem Creek Rd, Marblemount, WA 98267
7755	Power Stations Demand Driven Improvements	This project will fund upgrades to substations equipment that are funded by external agencies.	6 System Wide
8444	SeaTac Undergrounding	This project undergrounds utilities in SeaTac along South 154th Street between 24th Avenue South & 32nd Ave South.	17 S. 154th St / 24th Ave S./S. 154th St / 32nd Ave S.
9202	Security Improvements	This project covers facility security needs. They include: installing intrusion sensors, alarms, cameras & entry-control systems, new lighting & fencing, improved signage, parking restrictions, physical barriers, & improved security & access procedures.	2,380 System Wide
8320	Shoreline Undergrounding: North City and Aurora Avenue North	This project will address Phases Two and Three of work to convert overhead distribution circuits to underground along Aurora Avenue in the City of Shoreline (Shoreline).	5,810 2136 N 163rd St, Shoreline
6421	Skagit Facility - Radio System Improvements	This project extends radio communication to areas inside the dams so 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.	93 10382 Boundary Rd, Metaline, WA 99153
6388	Skagit Facility - Security Systems	This project provides security systems at Skagit camps and generating facilities including installation of automated gates, surveillance, and an access control and detection system.	67 500 Newhalem Creek Rd, Marblemount, WA 98267
8367	Small Overhead and Underground Services	This 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 service.	5,468 System Wide

\*Amounts in thousands of dollars

## 2013 - 2018 Proposed Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
8204	Sound Transit Light Rail - City Light	This project will relocate City Light transmission and distribution facilities and provide service connections and capacity to the Sound Transit Link Light Rail project.	6 System Wide
8450	Sound Transit Light Rail East Link - City Light	This project supports utility relocation and power supply for Sound Transit's East Link Light Rail Project	42 I-90/International District Station/I-90 Bridge
8427	Sound Transit Northlink - City Light	This project supports utility relocation and power supply for Sound Transit's North Link Light Rail Project	3,174 University District / Roosevelt / Northgate
9215	South Service Center Spokane Exit Modification	This project will realign the main yard and service vehicle gate at the South Service Center.	196 3613 4th Ave S
6102	Special Work Equipment - Generation Plant	This project will acquire specialized materials, tools and equipment for use by Power Production facilities that will improve work efficiency.	909 Outside the City of Seattle
7751	Substation Capacity Additions	This project will provide new infrastructure to existing substations and systems by adding transformers and related equipment.	1,127 System Wide
9161	Substation Comprehensive Improvements	This project will upgrade lunch and locker room facilities, work areas, and ventilation and heating systems in City Light substations.	546 System Wide
9230	Technical Training Center Development	This project creates a new consolidated training facility for City Light workers.	4,832
6323	Tolt Powerhouse - Power Monitoring Equipment Upgrades	This project will increase the site monitoring capability.	42 19901 Cedar Falls Rd SE, North Bend, WA 98045
9952	Transformer and Network Load Management Tools Upgrade	This project upgrades the utility's load management software.	554 System Wide
8369	Transportation Driven Relocations	This project moves electrical lines to accommodate projects of other agencies. It will increase delivery capacity by adding new or replacing old poles, and adds or renovates underground distribution system facilities.	2,657 System Wide

\*Amounts in thousands of dollars

## 2013 - 2018 Proposed Capital Improvement Program

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
8360	Underground Customer Driven Capacity Additions	This project builds new underground lines, replacing old underground lines and replaces damaged poles in the distribution system with underground facilities beneath them. This work is driven by specific customer projects who will reimburse City Light.	1,819 System Wide
8201	Union Street Substation Networks	This project will install new vaults and conduits in the Union Street Substation service area.	2,689 1312 Western AV
9101	Vehicle Replacement	This project will replace vehicles in City Light's mobile equipment fleet.	7,779 System Wide
9941	Work and Asset Management System	This project will provide the data systems to support the integrated asset management program. This includes a work management system, improvements in the purchasing system, a compatible unit module, and an interface to City Light's proposed outage management system.	1,823 700 5th Avenue

### Finance and Administrative Services

#### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
A1GM501	Civic Square	The Civic Square will extend the accessible public space of the municipal civic center in a manner consistent with the Civic Center Master Plan.	0 600 3rd Ave
A1FL106	Fire Station 06	This project replaces the existing Fire Station 6 with a new 13,000 square foot facility, adding approximately 8,000 square feet.	62 2615 S Jackson St
A1FL109	Fire Station 09	This project replaces the existing Fire Station 9 with a new 8,200 square foot facility, adding approximately 2,500 square feet. This station will continue to provide compressed air fill service for the north end.	102 3829 Linden Ave N
A1FL114	Fire Station 14	This project renovates and expands the existing Fire Station 14, adding approximately 5,000 square feet.	2,701 3224 4th Ave S

\*Amounts in thousands of dollars

#### 2013 - 2018 Proposed Capital Improvement Program

## Finance and Administrative Services

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
A1FL120	Fire Station 20	This project replaces the existing Fire Station 20 with a new 8,400 square foot facility, adding approximately 5,500 square feet.	3,375 2800 15th AVE W
A1FL122	Fire Station 22	This project replaces the existing Fire Station 22 with a new 8,200 square foot facility, adding approximately 4,000 square feet.	0 901 E Roanoke St
A1FL128	Fire Station 28	This project replaces the existing Fire Station 28 with a new 14,200 square foot facility and may add a 5,400 square foot Urban Search and Rescue (USAR) building to the site, for a total of approximately 10,600 square feet.	0 5968 Rainier Ave S
A1FL132	Fire Station 32	This project replaces the existing Fire Station 32 with a new 20,000 square foot, 3 story facility, adding approximately 11,500 square feet.	1,925 3715 SW Alaska St
A1FL151	Fire Station Emergency Generators	This project ensures uninterrupted fire department operations when the power fails.	0 Multiple Fire Station locations
A1PS204	Fire Station Roof Replacements	The roofs at Fire Stations 11 & 27 stations were intended to be replaced in 2010 but were deferred to allow FAS to address the funding requirements resulting from the fire at Sunny Jim. If funded, these scopes of work could be incorporated with scheduled seismic Fire Levy projects at these stations.	0

*\*Amounts in thousands of dollars*

**2013 - 2018 Proposed Capital Improvement Program**

## Finance and Administrative Services

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
A1PS107	North Precinct	The North Precinct serves all of Seattle north of the ship canal. The existing facility was built for a staff of 115 and is severely undersized for its current staffing of more than 200. SPD expects that the staffing for this precinct will continue to rise to meet public safety needs in the north end. Expanding the facility beyond the existing footprint is not feasible because of environmental concerns on the existing site. SPD would prefer to keep the precinct facility as a single command to minimize command and administrative costs. Conceptual planning considers replacing the existing facility with a new 60,000 square foot facility at a different location, adding approximately 43,000 square feet of precinct space, including holding cells and locker rooms, and a parking structure.	750
A1PS203	One Hour Fire Separations in Fire Stations	This project will correct L&I citations at twenty six Fire Stations to meet compliance with the Washington Administrative Code requirement for providing a one-hour fire resistive assembly between the apparatus bay and all sleeping areas. The Department of L&I has notified SFD & FAS of the non-compliance and has been working with the City to develop appropriate corrective approaches. L&I's willingness to continue partnering with the City depends on the City's actions towards correcting the problem.	0

### Seattle Center

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2013* Location
S0501	Lot 2 Development	This project adds a 10,500 square foot skatepark.	0 5th Ave N/Republican St

*\*Amounts in thousands of dollars*

### 2013 - 2018 Proposed Capital Improvement Program

**New or Expanded Capital Facilities**

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<b>Proj. ID</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2013* Location</b>
S0103	Theatre District Improvements	This project will add one acre of additional green space.	0 Mercer St/2nd Ave N/5th Ave N

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*\*Amounts in thousands of dollars*



**1% for Art:** A program administered by the Office of Arts and Cultural Affairs 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, and a \$365 million 9-year levy lid lift approved by voters in November 2006 for transportation maintenance and improvement. The employee hours tax was repealed at the beginning of 2010.

**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):** A U.S. Department of Housing and Urban Development annual grant to Seattle and other local governments to support economic development projects, low-income 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; and 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, which is 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, reports, or both.

**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.

