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CITY OF

*Seattle, Washington*

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**2012-2017 Adopted  
Capital Improvement Program**



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**CITY OF SEATTLE  
2012-2017 Adopted  
CAPITAL IMPROVEMENT PROGRAM**

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### Reader's Guide to the 2012-2017 Adopted Capital Improvement Program

The City of Seattle's 2012-2017 Adopted Capital Improvement Program (CIP) includes an introduction, departmental sections, appendix, an index, and a glossary. The introduction provides information on the CIP, allocations, funding sources for capital projects, significant initiatives, support for neighborhoods and neighborhood plan projects, and policies guiding the City's capital investments.

Departmental sections comprise the majority of the CIP document, and contain detailed information on approximately 617 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/npi/plans.htm>.

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

**Urban Village:** This field indicates whether a project is located in an Urban Village, a designated geographic area expected to accommodate future population and job growth, as defined by the Comprehensive Plan's growth management strategy.

**Project Description:** Information about the purpose, scope, and history of the project.

**Revenue Sources:** Revenues are all sources of money supporting a particular project such as grants, private donations, Councilmanic debt, Real Estate Excise Taxes, etc. The Revenue Source Table lists the project's revenue sources, life-to-date (LTD) expenditures through 2010; the 2011 revised budget (including 2011 Adopted Budget, carry-forward balances, abandonments, and supplemental appropriations); adopted 2012 appropriations; and estimated appropriation requests for 2013-2017. "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 2012 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. In addition, in 2010 and 2011, the City underwent a strategic capital planning process to more comprehensively evaluate anticipated capital spending needs and identify potential funding sources. This is known as the Strategic Capital Agenda (SCA). The SCA's scope is limited to non-utility capital projects, including libraries, public safety, parks, cultural facilities, and City office buildings and shops. Given the simultaneous planning work of the Citizen's Transportation Advisory Committee III, this SCA process did not focus on transportation capital facilities, although related impacts in terms of City debt capacity and funding sources are incorporated into the SCA recommendations. Additional detail regarding SCA recommendations can be found below.

The 2012-2017 Adopted CIP totals \$4.3 billion over six years, with \$711 million of that amount anticipated to be spent in 2012.

### **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 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.

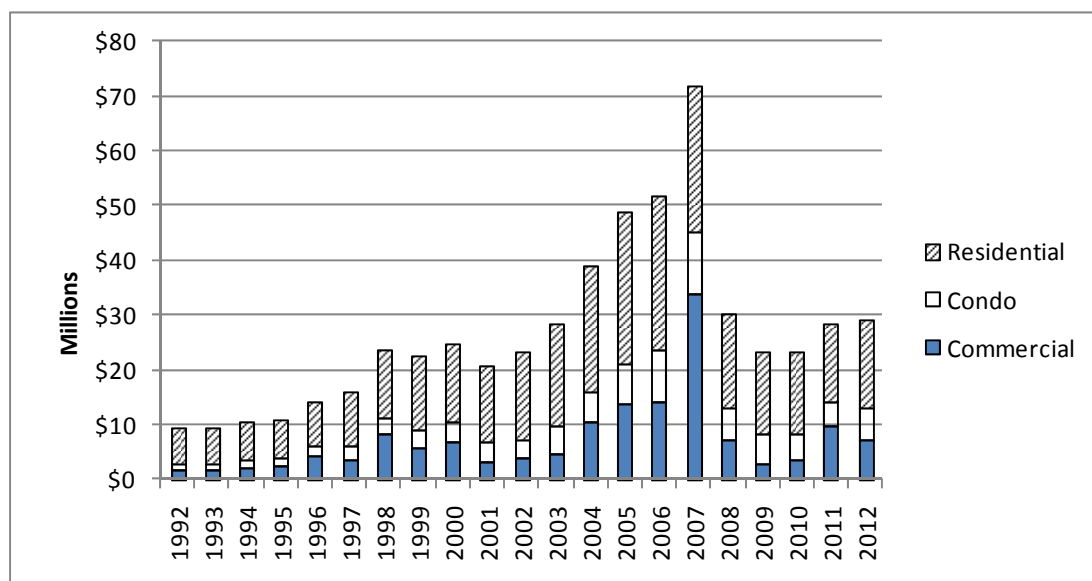
Summary information from these white papers is contained in the narrative sections for each department in this 2012-2017 Adopted CIP. Full versions of the department white papers can be found on the City Budget Office website: <http://www.seattle.gov/financedepartment/>

## **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 2011 and 2012 projections anticipate relatively stable income streams, large 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 revenue in 2010, but is rebuilding the reserve over time in order to deal with future unexpected downturns in revenue.

### **REET Revenue – 1992 - 2012**



The City's General Fund also has experienced significant strain in recent years, and this continues into 2012 and future years as well. Use of General Fund for capital programs results in fewer dollars available for direct services or programs; however, as described, successfully functioning capital facilities is essential to enable provision of services using those facilities. For additional detail on General Fund challenges, please see the 2012 Adopted Budget overview online here:

<http://www.seattle.gov/financedepartment/12adoptedbudget/default.htm>

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

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

In addition to reliance upon general tax sources, Seattle has undertaken a number of major capital projects during the last decade 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, 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 which will be 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 late June 2003. The most recent 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.

### **Potential Future Major Voter-Approved 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 Strategic Capital Agenda (SCA) identifies 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 levels, additional voter-approved levy authority will be required in addition to support from the City's general tax authority. As cost estimates are refined and new information becomes available, the timing, magnitude, and composition of funding packages that are ultimately sent to voters will be updated.

### **Central Seawall**

The Central Seawall remains a critical public safety project in need of full funding. The Executive recommends a voter-approved excess bond levy to provide full funding for this project. Once approved by voters, this excess levy will provide a secure funding source and will enable the city to rely on non-councilmanic debt authority, preserving councilmanic debt capacity.

The primary alternate approach to funding this program would likely be to rely on a voter-approved levy lid lift, and other existing tax sources, whether transportation-restricted or general purpose resources. If this approach is advanced and existing taxing sources are to be relied upon to support this project, sustainable reductions from otherwise proposed spending levels must be identified in order to free up required resources.

### **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 2012 Adopted Budget includes \$800,000 in funding to allow for additional planning related to high capacity transit in the five corridors identified in the TMP. This will ensure that the City continues to refine plans and move towards implementation of the TMP. Additional funding in the future will be required though to make acceptable progress on TMP recommendations. Improving our regional high capacity transit system is 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 has begun 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. A funding package would also provide resources for the repair of Piers 62 and 63 and to begin significant replacement of the City's streetlight infrastructure.

The SCA anticipates a levy package of approximately \$190 million, in addition to debt financing on the order of \$80-\$90 million that would be repaid by the General Fund. A public vote would be required, potentially as early as 2013, although the final scope and timing of the levy is still preliminary. This plan

is based on current cost estimates for the Police North Precinct; however, the City is exploring lower-cost options that may reduce the needed funding for this package of facility work. Refinement of these cost estimates is anticipated in 2012, which will allow for development of a final funding package with updated scope and timing.

The SCA does not currently contemplate construction of a new Fire headquarters facility within the planning window. The City will evaluate alternate approaches in 2012.

### **Parks Asset Preservation**

The 2012-2017 Adopted CIP includes funding for major Parks capital projects, including the first phase of renovation of Building 30 at Magnuson Park, and complete funding for the renovation of the Rainier Beach Community Center. Building 30 in particular has fallen to a state of disrepair that severely limits its usability. Approximately \$10 million will also be spent on a variety of asset preservation projects in the parks system. These resources are available due to cost savings on other 2008 Parks Levy projects. 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 SCA therefore anticipates the need for renewal of the 2008 Parks Levy with an emphasis on providing needed resources to maintain these valuable public assets. Based on existing projections, the annual shortfall of asset preservation funding is approximately \$15 million. 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.

## **2012-2017 Adopted Capital Improvement Program Summary**

The 2012-2017 Adopted CIP totals about \$4.3 billion for six years and includes approximately 617 individual projects. About \$2.6 billion of the six-year total, or 61%, 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 \$1.3 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 \$363 million, or 8% of the six-year CIP. Summaries of spending plans by department and details of individual project spending in the 2012-2017 Adopted CIP are contained in each department section. For informational purposes only, the table on the next page shows the total 2012-2017 allocations by department and the accompanying pie chart displays the adopted allocations for 2012 only.

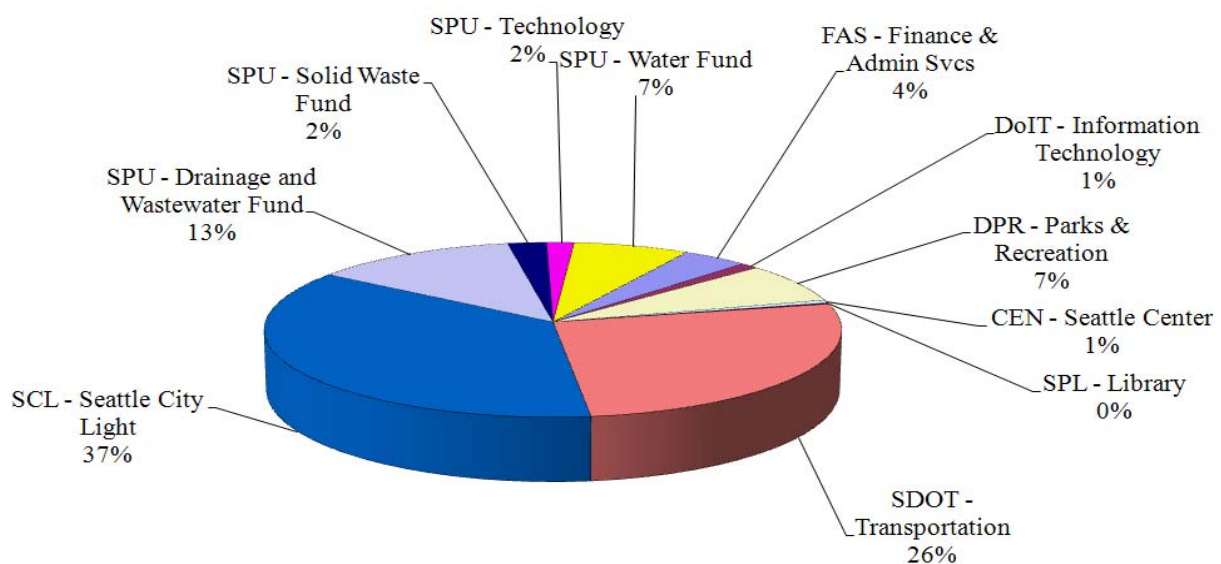
2012-2017 Adopted CIP by Department (dollars in thousands)

Department	2011 Adopted <sup>1</sup>	2011 Revised <sup>2</sup>	2012 Adopted	2012-17 Total
Finance and Administrative Services	22,936	96,373	28,609	121,533
Information Technology	8,673	16,467	7,906	60,388
Parks and Recreation	54,707	99,199	52,283	130,615
Seattle Center	9,116	16,793	3,878	40,880
Seattle Public Library	1,050	1,257	1,783	9,773
Seattle Transportation	193,029	411,264	188,094	1,329,606
<b>Subtotal</b>	<b>289,510</b>	<b>641,352</b>	<b>282,553</b>	<b>1,692,794</b>
<b>City-owned Utilities</b>				
Seattle City Light	268,066	386,055	260,670	1,514,517
SPU - Drainage & Wastewater	79,765	85,804	89,022	541,005
SPU - Solid Waste	27,800	48,213	16,778	148,277
SPU - Technology Projects	10,248	10,248	11,838	92,540
SPU - Water	73,930	75,662	50,149	339,603
<b>Subtotal</b>	<b>459,808</b>	<b>605,982</b>	<b>428,457</b>	<b>2,635,943</b>
<b>City Total</b>	<b>749,318</b>	<b>1,247,334</b>	<b>711,009</b>	<b>4,328,737</b>

Notes:

1. 2011 Adopted totals are based on the 2011-2016 Adopted CIP.
2. The 2011 Revised column shows 2011 Adopted totals, plus carryovers, abandonments and supplemental appropriations added during the 2011 fiscal year.
3. Not all funds above are appropriated; see the 2012 Adopted Budget for a list of capital appropriations by department.

2012 Adopted CIP by Department - \$ 711 Million



2012-2017 Adopted Capital Improvement Program

## 2012-2017 Adopted CIP Revenues

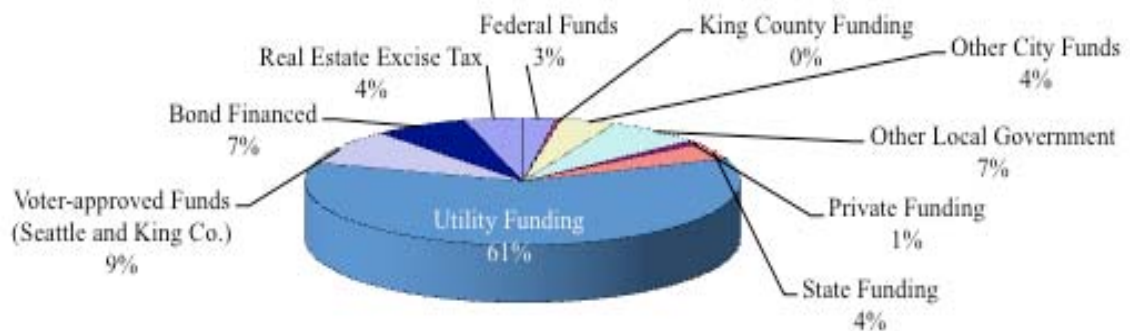
As described above, general tax support of capital spending remains strained in 2012 - funding from Real Estate Excise Taxes totals only 4% of total 2012 CIP revenues. Utility funding comprises the majority of revenues at 61%.

The table below identifies funding sources for the 2012-2017 Adopted CIP by Revenue Source Group.

Revenue Source Group (in 1,000s)	2011 Adopted	2011 Revised	2012 Adopted	2012-17 Total
Federal Funds	14,858	67,744	17,613	29,355
King County Funding	1,932	6,068	2,687	28,702
Other City Funds	23,861	61,545	27,877	321,865
Other Local Government	27,376	31,513	50,212	102,339
Private Funding	7,112	25,802	7,701	19,314
State Funding	32,956	39,043	29,231	306,397
To Be Determined <sup>1</sup>	-	-	-	89,916
Utility Funding	460,573	610,960	430,969	2,646,693
Real Estate Excise Tax	23,419	45,814	31,365	141,273
Bond Financed	91,549	186,100	49,977	98,859
Voter-approved Funds (Seattle and King Co.)	65,683	172,745	63,377	544,025
Grand Total	749,318	1,247,334	711,009	4,328,737

1. Funds indicated as “To Be Determined” are generally placeholders for a variety of non-City funding sources (such as grants or private funding). These placeholders are not appropriated, and these projects will not go forward unless funding is secured.

## 2012 Adopted CIP by Revenue Source - \$ 711 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

## 2012-2017 Adopted Capital Improvement Program

## Overview

(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.

In 2012, the City is spending \$24.2 million from the CRS and approximately \$46.5 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 \$55.8 million is allocated to asset preservation of infrastructure in 2012. In the 2012-2017 Adopted 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 2012 Adopted Budget increases Capital Projects Account funding for asset preservation from 2011 levels and reduces the gap between funding and target levels. However, given general revenue constraints, there is still a significant shortfall from needed levels. This gap between available resources and needed funding levels is a key driver of recommendations in the Strategic Capital Agenda to seek additional voter-approved funding for basic preservation of the City's assets.

<b>Capital Projects Account Funding for Asset Preservation in Departments Other than Transportation and Utilities</b>					
<b>\$ Million</b>	<b>2009 Adopted</b>	<b>2010 Adopted</b>	<b>2011 Adopted</b>	<b>2012 Adopted</b>	<b>Cumulative (2010 Through 2012)</b>
Budget <sup>1</sup>	\$21.8	\$15.3	\$17.1	\$24.2	\$56.5
Target	\$47.3	\$47.4	\$48.1	\$49.1	\$144.6
Budget minus Target	(\$25.5)	(\$32.2)	(\$31.0)	(\$24.9)	(\$88.1)
Minimum (= 65% of Target)	\$30.7	\$30.8	\$31.3	\$31.9	\$94.0
Budget minus Minimum Funding Requirement	(\$9.0)	(\$15.6)	(\$14.2)	(\$7.8)	(\$37.5)
1) Budget represents funding levels from the Cumulative Reserve Subfund Capital Projects Account					



### **2012 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.

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 2012 Adopted Budget.

<b>CRS Spending by Department</b>	<b>Operating</b>	<b>Capital</b>	<b>Total</b>
Seattle Center	\$0	\$2,757,000	\$2,757,000
Seattle Public Library	\$0	\$600,000	\$600,000
Seattle Department of Transportation	\$7,862,650	\$0	\$7,862,650
Department of Parks & Recreation	\$0	\$14,283,000	\$14,283,000
Finance & Administrative Services Department	\$0	\$16,967,000	\$16,967,000
Cumulative Reserve Subfund Direct Spending	\$2,104,903	\$0	\$2,104,903
<b>Total</b>	<b>\$9,967,553</b>	<b>\$34,607,000</b>	<b>\$44,574,553</b>

### **Neighborhood Projects**

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

The 2012-2017 Adopted CIP contains more than 170 projects, totaling approximately \$285 million, in support of neighborhood plans. Work on over half of these projects will occur in 2012. 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** (Formally known as NSF/CRS Neighborhood Program – Small Projects): 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 selection process was completed in August 2011, resulting in the project list below. The Department of Parks and Recreation budget includes \$79,000 of

## Overview

CRS REET II funding and SDOT's budget includes \$921,000 of CRS REET II funding. See SDOT project TC365770 (NSF/CRS Neighborhood Program) and Parks project K732376 (Neighborhood Capital Program) for more detail.

### 2012 Neighborhood Projects Funds – Small Projects

District Council	Project ID #	Project Description	Dept	CRS/NSF Amount
Ballard	2011-076	Textured crosswalk treatment on NW 85th Street at 8th Ave NW, at Greenwood Ave NW & NW 80th Street, and at Greenwood Ave NW & NW 85th Street	SDOT	40,000
Ballard	2011-015	Radar speed signs on 8th Ave NW between NW 85th & NW 100th Streets	SDOT	40,000
<b>Ballard Subtotal</b>				<b>80,000</b>
Central	2011-003	Crosswalk on E Union Street at 25th Ave	SDOT	31,000
Central	2011-019	Judkins Park	Parks	59,000
<b>Central Subtotal</b>				<b>90,000</b>
Delridge	2011-001	Crosswalk on Delridge Way SW at SW Findley Street	SDOT	31,000
Delridge	2011-038	Traffic signal at Avalon Way SW & SW Genesee Street	SDOT	65,000
<b>Delridge Subtotal</b>				<b>96,000</b>
Downtown	2010-026	Pedestrian countdown signals at 1st Ave S & S Main Street, 1st Ave S & S King Street	SDOT	61,000
Downtown	2011-085	Sidewalk repair at International Children's Park (700 S Lane St)	SDOT	34,000
<b>Downtown Subtotal</b>				<b>95,000</b>
East	2011-026	Sidewalk repair on 4100 block of E Madison Street	SDOT	90,000
<b>East Subtotal</b>				<b>90,000</b>
Greater Duwamish	2011-107	Curb bulb at Airport Way S & 13th Ave S	SDOT	30,000
Greater Duwamish	2011-068	Pedestrian island/crosswalk at 13th Ave S, Stanley & S Bailey Streets	SDOT	72,000
<b>Greater Duwamish Subtotal</b>				<b>102,000</b>
Lake Union	2011-100	Sidewalk at E Hamlin Street & Fairview Ave E	SDOT	35,000
Lake Union	2011-095	Crosswalk on N 50th Street at Woodland Park Ave N	SDOT	55,000
<b>Lake Union Subtotal</b>				<b>90,000</b>
Magnolia/Queen Anne	2009-006	Curb repair on Bigelow Ave W	SDOT	34,000
Magnolia/Queen Anne	2011-050	Sidewalk repair on south side of 3200 block of W McGraw Street	SDOT	56,000
<b>Magnolia/Queen Anne Subtotal</b>				<b>90,000</b>
North	2011-031	Asphalt walkway on north side of NE 100th Street from Ravenna Ave NE to the east for 140'	SDOT	62,000
North	2011-067	Traffic circle at NE 143rd Street & 23rd Place NE	SDOT	35,000
<b>North Subtotal</b>				<b>97,000</b>

### 2012-2017 Adopted Capital Improvement Program

## Overview

District Council	Project ID #	Project Description	Dept	CRS/NSF Amount
Northeast	2011-069	60% design of sidewalk on NE 85th St between 30th & 28th Aves NE; 28th Ave NE between NE 85th & 83rd Sts; and NE 83rd St between 28th & 25th Aves NE	SDOT	95,000
<b>Northeast Subtotal</b>				<b>95,000</b>
Northwest	2011-021	Curb bulb at N 66th St & Linden Ave N/Woodland Pl N	SDOT	104,000
<b>Northwest Subtotal</b>				<b>104,000</b>
Southeast	2011-002	Phase 1 Stairway at Charleston St ROW between S Cortland Pl & 37th Ave S	SDOT	90,000
Southeast	2010-014	Sidewalk repair along the south side of S. Horton St. between 34th Ave S and 35th *	SDOT	40,000
<b>Southeast Subtotal</b>				<b>130,000</b>
Southwest	2011-106	Landscaping for traffic island at Alki Ave SW & 63rd St SW	Parks	20,000
Southwest	2011-057	Traffic circle at 38th Ave SW and SW Graham St	SDOT	20,000
Southwest	2011-092	Traffic calming on 47th Ave SW between SW Wildwood Pl & SW Brace Point Dr	SDOT	56,000
<b>Southwest Subtotal</b>				<b>96,000</b>
<b>GRAND TOTAL</b>				<b>1,255,000</b>
* This project to be included only if funding is available: SDOT would leverage an additional \$30k to complete one block of sidewalk repair at John Muir Elementary School.				

**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 first round of the three-year funding cycle for project selection, design, and construction began in 2007. The project selection and planning process for the second funding cycle began in 2010 and a large number of high-scoring projects were identified. The following projects were selected for funding:

- Fairview Ave E and Fairview Ave N Intersection
- Garfield Superblock 23rd Avenue East
- N 143rd St between Palatine and Aurora Ave
- Maynard Ave between S Jackson St and S Dearborn St
- Ravenna Ave NE between 85th Ave NE and Lake City Way
- 13th Avenue NW between NW 90th Street and Holman Road
- S Orcas Street between Beacon Ave S and MLK Jr Way
- 25th Avenue SW from SW Brandon St to SW Juneau St
- S Othello Street between Seward Park Ave & Chief Sealth Trail
- California Ave SW at SW Holden, SW Othello, SW Frontenac and SW Findlay Sts
- 33rd Avenue NE between NE 125th St and NE 130th St

More information about these projects is available at [http://www.seattle.gov/transportation/btg\\_nsf\\_large.htm](http://www.seattle.gov/transportation/btg_nsf_large.htm).

## Overview

In order to support additional project selection, \$400,000 of support was included in 2011 and will be again in 2012 to the Large Projects Fund from General Fund resources.

**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.

### 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 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 2012, the Municipal Art Fund is expected to receive approximately \$2.0 million from capital departments for the One Percent for Art program, as described below.

<b>One Percent for Art Revenues</b>	<b>2010 Actuals</b>	<b>2011 Adopted</b>	<b>2012 Adopted</b>
City Light	\$131,265	\$363,382	\$303,073
Seattle Public Utilities	\$849,928	\$978,000	\$923,169
Finance & Admin. Services	\$36,640	\$162,250	\$140,099
Seattle Center	\$10,090	\$36,650	\$1,180
Parks & Recreation	\$214,830	\$222,140	\$184,540
Transportation	\$660,445	\$644,935	\$465,808
<b>Totals</b>	<b>\$1,903,198</b>	<b>\$2,407,357</b>	<b>\$2,017,869</b>

In addition to the One Percent for Art revenues identified above, OACA receives \$187,000 in 2012 from the Cumulative Reserve Subfund for general maintenance and 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,

### **2012-2017 Adopted Capital Improvement Program**

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 this year (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.

Specifically, the updated policy will

- Raise the minimum required green building rating to LEED Gold;
- Set minimum requirements for energy and water efficiency, construction waste reductions, and bicycle commuting for new construction, additions and major renovations;
- Broaden the scope to address projects smaller than 5,000 square feet, tenant improvements and sites;
- Establish pilot projects to test new approaches and standards, such as the Living Building Challenge and the Sustainable Sites Initiative;
- Update guidelines, procedures, and responsibilities to facilitate implementation; and
- Require annual reporting of performance under the policy and ongoing program evaluation.

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 2012-2017 Adopted 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.

**Endangered Species Compliance:** The City must abide by U.S. Endangered Species Act regulations, which are designed to assist in species recovery efforts. In response to the listing of mid-Puget Sound Chinook salmon under the Act, Seattle Public Utilities is continuing to implement its commitments under the Cedar River Watershed Habitat Conservation Plan, 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 of facilities that the DOJ has requested that the City update or alter in order to improve accessibility for individuals with disabilities. In 2012, the City continues to appropriate funds that provide for elements or facilities to be altered to address items where the City is in agreement with the findings reported by the DOJ. In addition, the City will undertake a survey of facilities not previously audited to identify barriers to accessibility in order to ensure that the City's Programs and Facilities are accessible per the requirements of the ADA Regulations. In 2011, the City engaged a project manager who is now providing oversight on work to survey the City facilities for compliance; 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 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.

**Small and Economically-Disadvantaged Business Assistance:** The City continues actions to address contracting equity for minority- and women-owned businesses (WMBE). The City has focused on designing and implementing new processes that enforce City expectations to bidders for all City bids and contracts. Certain City departments (Seattle City Light, SPU, SDOT, and Finance and Administrative Services) have funded competitively-solicited contracts with experts in WMBE utilization. These

contracts assist those departments in evaluating policy, doing outreach and training, and other support for WMBE initiatives.

**Historic Preservation:** Seattle's commitment to historic preservation began with citizen efforts in the 1960s to block the demolition of two of Seattle's oldest neighborhoods - the Pike Place Market and Pioneer Square. Both neighborhoods were threatened with proposals that would have irreversibly changed the character of the districts. The Pike Place Market was faced with an Urban Renewal Plan that would have demolished it, while Pioneer Square was threatened with a major roadway project. In 1970, the Seattle City Council created the Pioneer Square Preservation District, Seattle's first historic district. Then, in 1971, voters approved an initiative to create the Pike Place Market historical district. In 1973, the Seattle City Council adopted a Landmarks Preservation Ordinance to safeguard properties of historic and architectural significance throughout the City, and almost 400 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 18 of the City's neighborhoods including Belltown, Cascade, Central, Columbia City, Denny Triangle, Downtown, Georgetown, Mount Baker, North Beacon Hill, North Rainier, 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 "Creating community through people, parks, and programs." 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, 26 community centers, 151 outdoor tennis courts, 25 miles of boulevards, an indoor tennis center, two outdoor and eight indoor swimming pools, five golf courses, performing and visual arts studios, boat ramps, moorages, fishing piers, trails, camps, viewpoints, open spaces, a rock climbing site, a conservatory, a state-of-the art zoo, a classical Japanese garden, and a waterfront aquarium.

### CIP Revenue Sources

Funds for the development of the system and for ongoing asset management have come from a variety of sources, including three levies, the General Fund, the Cumulative Reserve Subfund, the Shoreline Park Improvement Fund, Councilmanic debt, and many other special fund sources, grants, and private donations. 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; and the General Fund covers debt service for the rest of the Pier 59 bonds and on other Parks-related bond funds. The primary funding sources are detailed below, including three recent levies, two of which are expired but remaining funds are still supporting projects:

- **2008 Parks and Green Spaces Levy:** This 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 will fund other community-identified projects. Through 2011, \$86 million was appropriated from this Levy; 22 development projects have been completed and more than three acres of parkland added to the parks system. The three trail projects are being managed by the Seattle Department of Transportation.
- **2000 Pro Parks Levy:** This 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 followed the plan forged by the Pro Parks 2000 Citizens Planning Committee. The remaining projects to be completed include: First Hill Park acquisition; development of the 12<sup>th</sup> Avenue, First Hill, Crown Hill and University Heights Parks; the Magnuson Park Wetlands - Shore Ponds restoration; and three trails projects managed by the Seattle Department of Transportation (Belltown/Queen Anne Connections, Lake Union Ship Canal, and Mountains to Sounds Greenway) which are expected to be completed by 2013.

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

- **1999 Seattle Center and Community Centers Levy:** In 1999, Seattle voters approved a renewal of the 1991 Seattle Center and Community Centers Levy, continuing Seattle Parks and Recreation's commitment to renovate and expand old community centers and provide new ones for underserved areas. The Community Centers portion of the \$72 million 1999 levy amounted to \$36 million. Only the Belltown Community Center project remains to be completed.
- **Cumulative Reserve Subfund:** The basic funding for Parks' capital improvement program is the Cumulative Reserve Subfund (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 ballfield lighting systems and certain Aquarium infrastructure projects. In past years, the REET revenues were such that the CRS funded a number of larger, individual projects related to asset management, but such funding is now more limited.

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; rising to \$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 decreased significantly since 2009. In 2012, DPR will receive approximately \$12.5 million in REET funding, for capital projects.

- **Shoreline Park Improvement Fund (SPIF):** The SPIF has funded 10 new projects as a result of a \$5 million settlement from King County for mitigation of the West Point Treatment Plant at Discovery Park. These 10 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.
- **Councilmanic Debt:** Councilmanic debt is frequently used to finance larger projects. This debt is typically supported by the General Fund, or other project-specific revenues. For example, between 2011 and 2013, nearly \$25 million of bond funds will be spent to redevelop the Rainier Beach Community Center and Swimming Pool. Most of the related debt service will be supported by the General Fund. Bond funding is also utilized for implementation of the Golf Master Plan; future revenue from the golf courses will cover associated debt service payments for these golf projects.

## 2012-2017 CIP

The 2012 CIP reflects a wide range of projects. With \$52.3 million appropriated in 2012, Parks will continue to have a robust capital improvement program, despite the economic downturn. The 2008 Parks Levy provides \$18 million of this funding, in addition to the \$86 million appropriated from the Levy in Parks CIP from 2009 through and 2011. The Cumulative Reserve Subfund (CRS) appropriation for the Department is \$12.5 million in 2012.

Capital maintenance is a vital component of Parks' Capital Improvement Program, with \$18.4 million funded in 2012. Of this amount, \$9.8 million is for 17 major maintenance projects funded by the 2008 Parks Levy, reallocating funding originally planned to cover inflation for Levy projects. This funding

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addresses basic infrastructure across the Parks system, such as electrical system replacement, environmental remediation, landscape restoration, irrigation system replacement, and replacing major roof and HVAC systems. Work at the Seattle Aquarium will continue to address Pier 60 corrosion and pier piling problems.

Of the 59 development projects funded by the 2008 Parks Levy, 54 will be in progress through 2012, and 22 will have been completed by the end of 2011. Most of these projects are play area renovations and neighborhood park developments. In 2012, implementation will continue for the environmental projects; restoration of forests, trails, wetlands, and shorelines; and development for P-Patches and shoreline access.

The 2012 Proposed Budget included \$2 million in a reserve in the Finance and Administrative Services (FAS) CIP budget for Americans with Disabilities Act (ADA) improvements. FAS then conducted a citywide prioritization process to allocate the funds among the four implementing departments: Parks and Recreation, Seattle Center, Seattle Public Library and 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.

Using the results of the citywide prioritization process, the Council Adopted Budget reallocates the \$2 million of funding to the four departments based on the prioritization process. Funding of \$581,000 is appropriated to the Building Component Renovations Budget Control Level in order to update or modify various facilities for compliance with the standards contained in ADA.

The 2012 Proposed Budget also included a new General Fund appropriation of \$485,000 to support the Municipal Energy Efficiency Program (MEEP). Due to a more favorable update to the REET forecast in October 2011, Council changed the funding source for MEEP projects from General Fund to the CRS REET II and CRS Unrestricted funds. Future energy utility rebate revenues will back the CRS Unrestricted appropriation. This change is cost neutral and will not impact DPR's ability to complete the projects planned for 2012 and 2013.

Approximately \$5.5 million in bond funding for the renovation of Building 30 at Magnuson Park is included in the 2012-2017 Adopted CIP, with funding for annual debt service included in Parks' 2012 operating budget. The project will renovate the west wing and hangar sections of the facility to bring it into compliance with current building code requirements so that it can be used as a rental facility, including events such as the popular Friends of the Library book sale. Revenues generated by Building 30 after the improvements are made are anticipated to cover a portion of the debt service starting in 2013, with the General Fund support covering any difference.

In 2012, work also continues on the Rainier Beach Community Center redevelopment, with \$6.7 million of debt planned to be issued in 2012. The General Fund will pay the debt service on this project, with construction anticipated to be completed in 2013.

Restoration of the Capehart site at Discovery Park will continue in 2012. Park development continues for reservoir lids at Jefferson Park, Maple Leaf, and West Seattle. One remaining 2000 Pro Parks Levy acquisition remains to be completed in 2012, and acquisition of new neighborhood parks and green spaces continues with 2008 Parks Levy funding.

The 2012-2017 Adopted CIP includes 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 finance the

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projects and golf course revenue will pay the debt service. These improvements are being phased over six years. Certain capital asset management work at the courses is also funded with direct golf revenues.

### **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 \$232 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 2008 Parks 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. Piers 62 and 63 on the waterfront have deteriorated to the point that the popular Summer Nights on the Pier concert series were cancelled after the 2004 season. These concerts occur elsewhere in the region and the piers are essentially unused. Similarly, 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 form 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 continue to defer attention to these matters.

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. The roof on Building 18 has collapsed. 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.

In 2006, the U.S. Department of Justice conducted an audit of a number of City facilities to assess compliance with Americans for Disabilities Act (ADA) Guidelines. The City is currently reviewing this audit and is in negotiations with the Department of Justice. This could result in the need for additional investments in modifications to make our parks, community centers and swimming pools fully compliant with the federal guidelines.

Funding to address some of these projects will likely be presented to voters through ballot measures over the next few years as contemplated in the City's Strategic Capital Agenda.

### **Thematic Priorities**

#### **2012 - 2017 Adopted Capital Improvement Program**

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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...*

*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 levies, 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 2008 Parks Levy's allowance for acquisition of neighborhood park sites in urban villages that are deficient in open space. Second, for major maintenance work to be funded by CRS funds which are discretionary, Parks uses the Asset Management Plan to identify needed capital improvement projects.

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, the top ranked 150 projects in the asset management plan (which is the number of projects that can generally be completed in a six year period) are ranked with one of the seven overarching criteria that most closely match the need for the project. The following seven criteria are used to rank the projects:

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- **Priority 1 – Code Requirements:** The project brings a facility or element up to code requirements (such as fire and life safety) or meets other legal requirements.
- **Priority 2 – Safety:** The project will eliminate a safety hazard such as replacing deteriorated pilings or a plaster pool liner.
- **Priority 3 – Building Envelope:** The project will protect the exterior “skin” of the building, including the roof, walls, and windows.
- **Priority 4 – Facility Integrity:** The project will help keep the facility operational and extend its life by repairing, replacing, and renovating systems and elements of the facility (such as electrical, plumbing, and HVAC systems).
- **Priority 5 – Operating & Maintenance Cost Reduction:** The project will result in reduction of operating and maintenance costs.
- **Priority 6 – Water and Energy Savings:** The project will result in energy and/or water savings.
- **Priority 7 – Other:** All other projects.

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 building envelope and 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 siding replacement at South Park Community Center 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 after building envelope issues are addressed. And, work that reduces operating and maintenance costs or produces water and energy savings are also priorities.

### City Council Provisos to the CIP

There are no Council provisos.



# Department of Parks and Recreation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>1999 Community Center Improvements</b>					<b>BCL/Program Code:</b>			<b>K72654</b>	
Belltown Neighborhood Center (K73484)	132	1,892	0	0	0	0	0	0	2,024
<b>1999 Community Center Improvements</b>	132	1,892	0	0	0	0	0	0	2,024
<b>2000 Parks Levy - Acquisition Opportunity Fund</b>					<b>BCL/Program Code:</b>			<b>K723007</b>	
12th Avenue Park Development (K733239-02)	42	607	0	0	0	0	0	0	649
Opportunity Fund Acquisitions (K733175)	66	961	0	0	0	0	0	0	1,027
<b>2000 Parks Levy - Acquisition Opportunity Fund</b>	108	1,568	0	0	0	0	0	0	1,676
<b>2000 Parks Levy - Development Opportunity Fund</b>					<b>BCL/Program Code:</b>			<b>K723008</b>	
Dakota Place Park, Phase II (K733275)	86	434	0	0	0	0	0	0	520
Jefferson Park Development - Phase II (K733274)	542	558	0	0	0	0	0	0	1,100
Magnuson Park Wetlands - Shore Ponds (K733277)	0	1,000	0	0	0	0	0	0	1,000
Meadowbrook Playfield, Field #1 Renovation (K733276)	305	46	0	0	0	0	0	0	351
<b>2000 Parks Levy - Development Opportunity Fund</b>	933	2,038	0	0	0	0	0	0	2,971
<b>2000 Parks Levy - Green Spaces Acquisitions</b>					<b>BCL/Program Code:</b>			<b>K723002</b>	
Green Space Acquisition General (K733002)	549	17	0	0	0	0	0	0	566
<b>2000 Parks Levy - Green Spaces Acquisitions</b>	549	17	0	0	0	0	0	0	566
<b>2000 Parks Levy - Major Park Development</b>					<b>BCL/Program Code:</b>			<b>K723004</b>	
Lake Union Park - Development (formerly South Lake Union Park - Development) (K733134)	30,387	162	0	0	0	0	0	0	30,549
<b>2000 Parks Levy - Major Park Development</b>	30,387	162	0	0	0	0	0	0	30,549
<b>2000 Parks Levy - Neighborhood Park Acquisitions</b>					<b>BCL/Program Code:</b>			<b>K723001</b>	
Neighborhood Park Acquisitions General (K733001)	520	5,794	0	0	0	0	0	0	6,314
<b>2000 Parks Levy - Neighborhood Park Acquisitions</b>	520	5,794	0	0	0	0	0	0	6,314

\*Amounts in thousands of dollars

**2012 - 2017 Adopted Capital Improvement Program**

# Department of Parks and Recreation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>2000 Parks Levy - Neighborhood Park Development</b>					<b>BCL/Program Code:</b>			<b>K723003</b>	
Crown Hill School Open Space Development (K733080)	90	547	0	0	0	0	0	0	637
First Hill Park Development (K733082)	1	599	0	0	0	0	0	0	600
Neighborhood Park Development General (K733003)	130	83	0	0	0	0	0	0	213
University Heights Open Space Improvements (K733124)	24	230	0	0	0	0	0	0	254
<b>2000 Parks Levy - Neighborhood Park Development</b>	245	1,459	0	0	0	0	0	0	1,704
<b>2008 Parks Levy - P-Patch Development</b>					<b>BCL/Program Code:</b>			<b>K720031</b>	
Community Food Gardens and P-Patches (K730031)	644	1,356	0	0	0	0	0	0	2,000
<b>2008 Parks Levy - P-Patch Development</b>	644	1,356	0	0	0	0	0	0	2,000
<b>2008 Parks Levy- Cultural Facilities</b>					<b>BCL/Program Code:</b>			<b>K720021</b>	
Langston Hughes Performing Arts Center Renovation-2008 Parks Levy (K730121)	287	2,683	0	0	0	0	0	0	2,970
Seattle Asian Art Museum Renovation (K730122)	0	4,500	0	0	0	4,500	0	0	9,000
<b>2008 Parks Levy- Cultural Facilities</b>	287	7,183	0	0	0	4,500	0	0	11,970
<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)	1,633	1,567	100	100	100	0	0	0	3,500
Urban Forestry - Kiwanis Ravine Restoration (K730137)	239	361	0	0	0	0	0	0	600
<b>2008 Parks Levy- Forest &amp; Stream Restoration</b>	1,872	1,928	100	100	100	0	0	0	4,100
<b>2008 Parks Levy- Green Space Acquisition</b>					<b>BCL/Program Code:</b>			<b>K720011</b>	
Donations- Green Space (K730139)	14	36	0	0	0	0	0	0	50
Green Space Acquisitions- 2008 Parks Levy (K730011)	2,389	1,966	750	750	700	0	0	0	6,555
<b>2008 Parks Levy- Green Space Acquisition</b>	2,403	2,002	750	750	700	0	0	0	6,605

\*Amounts in thousands of dollars

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BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>2008 Parks Levy- Major Parks</b>					<b>BCL/Program Code:</b>			<b>K720023</b>	
Discovery Park - Capehart Restoration - 2008 Parks Levy (K730128)	0	1,000	0	0	0	0	0	0	1,000
Jefferson Park Development- 2008 Parks Levy (K730129)	321	4,721	0	0	0	0	0	0	5,042
Jefferson Park Skatepark Development (K730130)	141	870	0	0	0	0	0	0	1,011
Major Parks- 2008 Parks Levy (K730023)	14	21	0	0	0	0	0	0	35
Washington Park Arboretum Improvements- 2008 Parks Levy (K730132)	864	944	1,018	0	0	0	0	0	2,826
<b>2008 Parks Levy- Major Parks</b>	<b>1,340</b>	<b>7,556</b>	<b>1,018</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,914</b>
<b>2008 Parks Levy- Neighborhood Park Acquisition</b>					<b>BCL/Program Code:</b>			<b>K720010</b>	
Neighborhood Park Acquisitions- 2008 Parks Levy (K730010)	4,156	5,448	0	300	300	300	300	300	11,104
<b>2008 Parks Levy- Neighborhood Park Acquisition</b>	<b>4,156</b>	<b>5,448</b>	<b>0</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>11,104</b>
<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>					<b>BCL/Program Code:</b>			<b>K720020</b>	
Bell Street Park Boulevard Development (K730138)	406	3,094	0	0	0	0	0	0	3,500
Cedar Park Renovation (K730084)	0	0	0	500	0	0	0	0	500
Crown Hill Elementary Park Development (K730086)	135	1,065	0	0	0	0	0	0	1,200
Delridge Skatepark Development (K730103)	16	809	0	0	0	0	0	0	825
Gas Works Park Play Area Renovation (K730089)	0	0	0	400	1,000	0	0	0	1,400
Georgetown Playfield Spray Park Development (K730088)	59	552	0	0	0	0	0	0	611
Highland Park (Wading Pool #3) Spray Park Development (K730118)	15	587	0	0	0	0	0	0	602
Hing Hay Park Development (K730091)	0	0	0	500	2,500	0	0	0	3,000
Hubbard Homestead Park (Northgate) Development- 2008 Parks Levy (K730105)	1,108	1,036	0	0	0	0	0	0	2,144

\*Amounts in thousands of dollars

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### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
International Children's Park Play Area Renovation (K730092)	8	498	0	0	0	0	0	0	506
Judkins Skatespot Development (K730094)	0	200	400	0	0	0	0	0	600
Kirke Park Development (formerly 9th Avenue NW Park Development) (K730077)	133	667	0	0	0	0	0	0	800
Laurelhurst Playfield Play Area Renovation (K730095)	0	0	400	0	0	0	0	0	400
Magnolia Off Leash Park Development (K730097)	0	70	0	0	0	0	0	0	70
Maple Leaf Play Area Renovation (K730098)	0	450	0	0	0	0	0	0	450
Maple Leaf Reservoir Park Development (K730099)	228	779	4,070	0	0	0	0	0	5,077
Marra-Desimone Park Development (K730100)	0	0	0	100	1,000	0	0	0	1,100
Montlake Playfield Play Area Renovation (K730102)	0	0	550	0	0	0	0	0	550
Neighborhood Parks & Playgrounds- 2008 Parks Levy (K730020)	127	32	0	0	0	0	0	0	159
Northacres Park (Wading Pool #2) Spray Park Development (K730117)	40	452	0	0	0	0	0	0	492
Northacres Park Play Area Renovation (K730104)	84	546	0	0	0	0	0	0	630
Othello Park Improvements (K730106)	55	551	0	0	0	0	0	0	606
Queen Anne Off Leash Park Development (K730108)	0	70	0	0	0	0	0	0	70
Rainier Playfield Play Area Renovation (K730109)	55	545	0	0	0	0	0	0	600
Roxhill Park Play Area Renovation (K730111)	0	450	0	0	0	0	0	0	450
Roxhill Park Skatespot Development (K730112)	0	600	0	0	0	0	0	0	600
Victor Steinbrueck Park Renovation (K730115)	0	0	0	400	1,200	0	0	0	1,600
Volunteer Park Play Area Renovation (K730116)	0	200	600	0	0	0	0	0	800
West Seattle Reservoir Park Development (K730119)	207	2,827	0	0	0	0	0	0	3,034

*\*Amounts in thousands of dollars*

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BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Woodland Park Play Area Renovation (K730120)	0	0	350	0	0	0	0	0	350
<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>	2,676	16,080	6,370	1,900	5,700	0	0	0	32,726
<b>2008 Parks Levy- Opportunity Fund Acquisition</b>									<b>BCL/Program Code: K720040</b>
Opportunity Fund Acquisitions- 2008 Parks Levy (K730040)	13	1,005	0	0	0	0	0	0	1,018
<b>2008 Parks Levy- Opportunity Fund Acquisition</b>	13	1,005	0	0	0	0	0	0	1,018
<b>2008 Parks Levy- Opportunity Fund Development</b>									<b>BCL/Program Code: K720041</b>
Ballard Community Center Roof Replacement (K730159)	0	0	635	0	0	0	0	0	635
Beacon Hill Playground Comfort Station Renovation (K730160)	0	0	200	0	0	0	0	0	200
Beaver Pond Natural Area at Thorton Creek (formerly Thorton Creek Park #6) Restoration (K730152)	0	500	0	0	0	0	0	0	500
Bitter Lake Reservoir Park Renovation (K730144)	0	287	0	0	0	0	0	0	287
Comfort Station Renovations- 2008 Parks Levy (K730161)	0	0	300	0	0	0	0	0	300
East James Court Development (K730145)	0	500	0	0	0	0	0	0	500
East John Street Open Space Development (K730148)	0	260	0	0	0	0	0	0	260
Evers Pool Roof Repairs (K730162)	0	0	1,600	0	0	0	0	0	1,600
Fairmount Playfield Comfort Station Renovation (K730163)	0	0	200	0	0	0	0	0	200
Fairmount Playfield Fence Replacement (K730164)	0	0	25	0	0	0	0	0	25
Garfield Community Center Roof Replacement (K730165)	0	0	465	0	0	0	0	0	465
Green Lake Bathhouse Roof Replacement (K730166)	0	0	456	0	0	0	0	0	456
Jimi Hendrix Park Improvements (K730146)	0	500	0	0	0	0	0	0	500
John Muir Elementary Playground Improvements (K730147)	0	270	0	0	0	0	0	0	270

\*Amounts in thousands of dollars

**2012 - 2017 Adopted Capital Improvement Program**

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### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Lewis Park Reforestation (K730149)	0	260	0	0	0	0	0	0	260
Lower Kinneer Park Renovation (K730150)	0	750	0	0	0	0	0	0	750
Lower Woodland Playfield Tennis Court Lights Replacement (K730167)	0	0	310	0	0	0	0	0	310
Loyal Heights Boiler And Electrical System Replacement (K730168)	0	0	852	0	0	0	0	0	852
Madrona Playground Shelterhouse Restrooms Renovation (K730169)	0	0	200	0	0	0	0	0	200
Matthews Beach Park Bathhouse Renovation (K730170)	0	0	350	0	0	0	0	0	350
McGilvra Place Renovation (K730151)	0	364	0	0	0	0	0	0	364
Opportunity Fund Development- 2008 Parks Levy (K730041)	0	0	0	0	0	0	0	0	0
Opportunity Fund Planning- 2008 Parks Levy (K730042)	220	5	250	0	0	0	0	0	475
Queen Anne Pool Plaster Liner Replacement (K730171)	0	0	140	0	0	0	0	0	140
Rainier Beach Playfield Play Area Renovation (K730172)	0	0	300	0	0	0	0	0	300
Rainier Beach Playfield Tennis Courts and Lighting Replacement (K730173)	0	0	1,300	0	0	0	0	0	1,300
Rainier Beach Urban Farm and Wetlands Improvements (K730153)	0	500	0	0	0	0	0	0	500
Santos Rodriguez Memorial Park (El Centro de la Raza) Play Area Improvements (K730154)	0	350	0	0	0	0	0	0	350
Seward Park Water System Replacement (K730174)	0	0	2,200	0	0	0	0	0	2,200
Troll's Knoll (Aurora Avenue N. and N 36th St.) Park Development (K730155)	0	685	0	0	0	0	0	0	685
University Heights - South Lot Development (K730156)	0	747	0	0	0	0	0	0	747
Van Asselt Community Center Gym Roof Replacement (K730175)	0	0	225	0	0	0	0	0	225

*\*Amounts in thousands of dollars*

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# Department of Parks and Recreation

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Walt Hundley Playfield Renovation (K730157)	0	1,000	0	0	0	0	0	0	1,000
Washington Park Playfield Renovation (K730158)	0	2,400	0	0	0	0	0	0	2,400
<b>2008 Parks Levy- Opportunity Fund Development</b>	220	9,378	10,008	0	0	0	0	0	19,606
<b>2008 Parks Levy- Playfields</b>									
<b>BCL/Program Code:</b>									<b>K720022</b>
Playfields- 2008 Parks Levy (K730022)	75	36	0	0	0	0	0	0	111
<b>2008 Parks Levy- Playfields</b>	75	36	0	0	0	0	0	0	111
<b>2008 Parks Levy- Shoreline Access</b>									
<b>BCL/Program Code:</b>									<b>K720032</b>
Shoreline Access- Street Ends (K730032)	14	262	75	75	75	0	0	0	501
<b>2008 Parks Levy- Shoreline Access</b>	14	262	75	75	75	0	0	0	501
<b>Ballfields/Athletic Courts/Play Areas</b>									
<b>BCL/Program Code:</b>									<b>K72445</b>
Ballfield Lighting Replacement Program (K732310)	1,969	772	0	240	1,125	500	500	500	5,606
Ballfields - Minor Capital Improvements (K732415)	190	65	50	50	50	50	50	50	555
Play Area Safety Program (K732403)	97	123	100	120	120	120	120	120	920
Tennis & Basketball Court Renovation Program (K732404)	84	66	50	50	50	50	50	50	450
<b>Ballfields/Athletic Courts/Play Areas</b>	2,340	1,026	200	460	1,345	720	720	720	7,531
<b>Building Component Renovations</b>									
<b>BCL/Program Code:</b>									<b>K72444</b>
ADA Compliance - Parks (K732434)	0	50	581	0	0	0	0	0	631
Boiler Replacement Program (K732306)	511	339	204	175	175	175	175	175	1,929
Crew Quarters Replacement (Magnuson Park) (K732424)	0	0	763	0	0	0	0	0	763
Denny Park Administration Building Roof Replacement (K732425)	0	0	710	0	0	0	0	0	710
Electrical System Replacement Program (K732307)	420	345	150	150	150	150	150	150	1,665
Emergency Shelter Generator Renovations (K732440)	0	0	500	0	0	0	0	0	500

*\*Amounts in thousands of dollars*

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# Department of Parks and Recreation

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
HVAC System Duct Cleaning Program - Large Buildings (K732421)	35	35	35	35	35	35	35	35	280
Jefferson Community Center Seismic Renovation (K732393)	0	1,120	404	123	0	0	0	0	1,647
Langston Hughes Performing Arts Center - Renovation (K732314)	607	358	0	0	0	0	0	0	965
Magnuson Park Building 18 Demolition (K732389)	23	177	0	0	0	0	0	0	200
Magnuson Park Building 30 Renovation Phase I (K732442)	0	0	5,514	0	0	0	0	0	5,514
Municipal Energy Efficiency Program - Parks (K732433)	0	478	485	0	0	0	0	0	963
Rainier Beach Community Center Redevelopment (K732337)	1,881	9,766	6,726	6,600	0	0	0	0	24,973
Riverview Playfield Comfort Station Renovation (K732328)	0	416	0	0	0	0	0	0	416
Roof & Building Envelope Program (K732420)	96	493	220	225	225	225	225	225	1,934
Seattle Asian Art Museum Restoration (K732369)	817	1,283	0	0	0	0	0	0	2,100
South Park Community Center Siding Repair (K732430)	0	200	0	0	0	0	0	0	200
Utility Conservation Program (K732336)	1,313	332	355	355	355	355	355	500	3,920
<b>Building Component Renovations</b>	<b>5,703</b>	<b>15,392</b>	<b>16,647</b>	<b>7,663</b>	<b>940</b>	<b>940</b>	<b>940</b>	<b>1,085</b>	<b>49,310</b>
<b>Citywide and Neighborhood Projects</b>						<b>BCL/Program Code:</b>			<b>K72449</b>
Landscape Restoration Program (K732402)	392	468	430	430	430	430	430	430	3,440
Neighborhood Capital Program (K732376)	332	111	79	0	0	0	0	0	522
Neighborhood Response Program (K732416)	102	298	200	200	200	200	200	200	1,600
Skatepark Plan Implementation (K732365)	345	31	0	0	0	0	0	0	376
Trails Renovation Program (K732419)	249	401	325	325	325	325	325	325	2,600
<b>Citywide and Neighborhood Projects</b>	<b>1,420</b>	<b>1,309</b>	<b>1,034</b>	<b>955</b>	<b>955</b>	<b>955</b>	<b>955</b>	<b>955</b>	<b>8,538</b>

\*Amounts in thousands of dollars

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## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>Debt Service and Contract Obligation</b>					<b>BCL/Program Code:</b>				<b>K72440</b>
Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service (K732283)	7,653	2,488	2,659	2,906	3,207	3,353	1,827	1,827	25,920
Hubbard Homestead Park (Northgate) Acquisition- Debt Service (K732321)	543	242	241	240	240	239	242	241	2,228
Parks Maintenance Facility Acquisition - Debt Service (K73502)	11,306	730	653	640	619	561	562	562	15,633
<b>Debt Service and Contract Obligation</b>	19,502	3,460	3,553	3,786	4,066	4,153	2,631	2,630	43,781
<b>Docks/Piers/Floats/Seawalls/Shorelines</b>					<b>BCL/Program Code:</b>				<b>K72447</b>
Aquarium Major Maintenance Commitment (K732436)	0	0	492	0	849	1,122	0	0	2,463
Aquarium Pier 60 Fire Suppression (K732428)	0	0	75	0	0	0	0	0	75
Aquarium Pier 60 Piling and Corrosion Renovation (K732382)	15	1,223	2,029	1,122	273	0	0	0	4,662
Beach Restoration Program (K732303)	469	61	25	25	25	25	25	25	680
Boat Moorage Restoration (K732408)	0	125	45	57	57	57	57	57	455
Magnuson Park Shoreline Renovation (K732277)	78	7	0	0	0	0	0	0	85
Piers 57/58 Maintenance Plan Update (K732429)	0	250	0	0	0	0	0	0	250
<b>Docks/Piers/Floats/Seawalls/Shorelines</b>	562	1,666	2,666	1,204	1,204	1,204	82	82	8,670
<b>Forest Restoration</b>					<b>BCL/Program Code:</b>				<b>K72442</b>
Colman Park - Trees Settlement (K732204)	527	92	0	0	0	0	0	0	619
Seward Park Forest Restoration (K732367)	423	93	95	98	101	104	111	114	1,139
Urban Forestry - Forest Restoration Program (K732410)	139	193	186	186	186	186	186	186	1,448
Urban Forestry - Green Seattle Partnership (K732340)	2,672	851	583	1,450	1,800	1,800	1,800	1,800	12,756
Urban Forestry - Tree Replacement (K732339)	807	103	95	95	95	95	95	95	1,480

\*Amounts in thousands of dollars

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<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Urban Forestry- West Duwamish Restoration (K732431)	0	500	0	0	0	0	0	0	500
<b>Forest Restoration</b>	4,568	1,832	959	1,829	2,182	2,185	2,192	2,195	17,942
<b>Gas Works Park Remediation</b>									
									<b>BCL/Program Code: K72582</b>
Gas Works Park - Remediation (K73582)	1,188	39	90	20	20	0	0	0	1,357
<b>Gas Works Park Remediation</b>	1,188	39	90	20	20	0	0	0	1,357
<b>Golf Projects</b>									
									<b>BCL/Program Code: K72253</b>
Golf - Capital Improvements (K732407)	53	1,732	435	0	313	59	0	0	2,592
Golf Master Plan Implementation (K732391)	286	2,626	6,003	5,672	0	0	0	0	14,587
<b>Golf Projects</b>	339	4,358	6,438	5,672	313	59	0	0	17,179
<b>Parks Infrastructure</b>									
									<b>BCL/Program Code: K72441</b>
Cheshiahud Trail (K732370)	1,502	448	0	0	0	0	0	0	1,950
Environmental Remediation Program (K732401)	105	145	75	75	75	75	75	75	700
Freeway Park Renovation (K732273)	2,786	316	0	0	0	0	0	0	3,102
Irrigation Replacement and Outdoor Infrastructure Program (K732406)	44	336	250	200	200	200	200	200	1,630
Magnuson Park Picnic Shelter Renovation (K732327)	22	0	162	0	0	0	0	0	184
Pavement Restoration Program (K732418)	270	200	200	200	200	200	200	200	1,670
SR 520 Bridge Replacement and HOV Project Mitigation (K732435)	0	350	0	0	0	0	0	0	350
<b>Parks Infrastructure</b>	4,729	1,795	687	475	475	475	475	475	9,586
<b>Parks Upgrade Program</b>									
									<b>BCL/Program Code: K72861</b>
Parks Upgrade Program (K732422)	508	508	508	508	508	508	508	508	4,064
<b>Parks Upgrade Program</b>	508	508	508	508	508	508	508	508	4,064
<b>Pools/Natatorium Renovations</b>									
									<b>BCL/Program Code: K72446</b>
Colman Pool Renovations (K732313)	226	1,187	0	0	0	0	0	0	1,413

\*Amounts in thousands of dollars

**2012 - 2017 Adopted 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>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Meadowbrook Pool Plaster Liner Replacement (K732441)	0	0	140	0	0	0	0	0	140
<b>Pools/Natatorium Renovations</b>	226	1,187	140	0	0	0	0	0	1,553
<b>Puget Park</b>									
						<b>BCL/Program Code:</b>			<b>K72127</b>
Puget Park - Environmental Remediation (K73127)	211	409	230	0	0	0	0	0	850
<b>Puget Park</b>	211	409	230	0	0	0	0	0	850
<b>Seattle Aquarium Projects</b>									
						<b>BCL/Program Code:</b>			<b>K72448</b>
Aquarium Pier 60 Filter Replacement (K732345)	950	134	0	0	0	0	0	0	1,084
<b>Seattle Aquarium Projects</b>	950	134	0	0	0	0	0	0	1,084
<b>West Point Settlement Projects</b>									
						<b>BCL/Program Code:</b>			<b>K72982</b>
Discovery Park - Capehart Acquisition (K731231)	11,473	207	0	0	0	0	0	0	11,680
Discovery Park - Capehart Site Restoration (K731242)	145	455	0	0	0	0	0	0	600
Discovery Park - Contingency and Opportunity Fund (K731241)	47	258	0	0	0	0	0	0	305
Discovery Park North Parking Lot Renovation (K732437)	0	0	500	0	0	0	0	0	500
Discovery Park Water Line Modification and North Forest Road Removal (K732439)	0	0	250	0	0	0	0	0	250
Stan Sayres Park Finger Piers Renovation (K732438)	0	0	60	0	0	0	0	0	60
<b>West Point Settlement Projects</b>	11,665	920	810	0	0	0	0	0	13,395
<b>Department Total*:</b>	100,485	99,199	52,283	25,697	18,883	15,999	8,803	8,950	330,299

\*Amounts in thousands of dollars

**2012 - 2017 Adopted Capital Improvement Program**



## Department of Parks and Recreation

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
1999 Seattle Center/Community Centers Fund (33800)	132	1,892	0	0	0	0	0	0	2,024
2000 Parks Levy Fund (33850)	12,819	10,903	0	0	0	0	0	0	23,722
2002 LTGO Project (34760)	233	0	0	0	0	0	0	0	233
2005 LTGO Capital Project Fund (31032)	0	0	0	0	0	0	0	0	0
2006 LTGO Capital Projects Fund (34900)	0	0	0	0	0	0	0	0	0
2007 Multipurpose LTGO Bond Fund (35100)	0	0	0	0	0	0	0	0	0
2008 Parks Levy Fund (33860)	13,654	51,331	18,321	3,125	6,875	4,800	300	300	98,706
2009 Multipurpose LTGO Bond Fund (35300)	1,737	5,263	0	0	0	0	0	0	7,000
2010 Multipurpose LTGO Bond Fund (35400)	286	577	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund (35500)	0	7,027	0	0	0	0	0	0	7,027
2012 Multipurpose LTGO Bond Fund (35600)	0	0	18,243	0	0	0	0	0	18,243
Beach Maintenance Trust Fund (61500)	263	32	25	25	25	25	25	25	445
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	16,231	3,144	1,070	800	804	800	804	803	24,456
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	18,503	11,387	11,394	7,821	8,934	8,307	7,187	7,187	80,720
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	11,661	6,121	2,400	1,634	2,225	2,067	487	635	27,230
Emergency Subfund (00185)	151	18	0	0	0	0	0	0	169
Future Bond Funds (99999)	0	0	0	12,272	0	0	0	0	12,272
Gasworks Park Contamination Remediation Fund (10220)	1,081	21	20	20	20	0	0	0	1,162
General Subfund (00100)	134	177	0	0	0	0	0	0	311
Parks 2002 Capital Facilities Bond Fund (34610)	274	0	0	0	0	0	0	0	274
Parks and Recreation Fund (10200)	5,331	431	0	0	0	0	0	0	5,762
Shoreline Park Improvement Fund (33110)	3,157	713	810	0	0	0	0	0	4,680
South Lake Union Trust Fund (63721)	14,838	162	0	0	0	0	0	0	15,000
<b>Department Total*:</b>	100,485	99,199	52,283	25,697	18,883	15,999	8,803	8,950	330,299

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted Capital Improvement Program



## Department of Parks and Recreation

### 12th Avenue Park Development

<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>	Q2/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	42	457	0	0	0	0	0	0	499
Street Vacations	0	150	0	0	0	0	0	0	150
<b>Total:</b>	42	607	0	0	0	0	0	0	649
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	42	457	0	0	0	0	0	0	499
2000 Parks Levy Fund	0	150	0	0	0	0	0	0	150
<b>Total*:</b>	42	607	0	0	0	0	0	0	649
<b>O &amp; M Costs (Savings)</b>			25	26	26	27	27	28	159
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		23	300	134	0	0	0	0	457
2000 Parks Levy Fund		100	50	0	0	0	0	0	150
<b>Total:</b>		123	350	134	0	0	0	0	607

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	325	0	0	0	0	0	325
Real Estate Excise Tax I	0	50	256	0	0	0	0	0	306
<b>Total:</b>	0	50	581	0	0	0	0	0	631
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	325	0	0	0	0	0	325
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	50	256	0	0	0	0	0	306
<b>Total*:</b>	0	50	581	0	0	0	0	0	631
<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	200	125	0	0	0	0	325
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		50	256	0	0	0	0	0	306
<b>Total:</b>		50	456	125	0	0	0	0	631

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## 2012 - 2017 Adopted Capital Improvement Program



## Department of Parks and Recreation

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

<b>BCL/Program Name:</b>	Debt Service and Contract Obligation	<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3,521	1,663	1,644	1,647	1,648	1,646	1,648	1,648	15,065
Real Estate Excise Tax I	3,765	0	0	0	0	0	0	0	3,765
Private Funding/Donations	0	825	1,015	1,259	1,559	1,707	179	179	6,723
Private Funding/Donations	367	0	0	0	0	0	0	0	367
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	7,653	2,488	2,659	2,906	3,207	3,353	1,827	1,827	25,920
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,521	1,663	1,644	1,647	1,648	1,646	1,648	1,648	15,065
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,765	0	0	0	0	0	0	0	3,765
Cumulative Reserve Subfund - Unrestricted Subaccount	0	825	1,015	1,259	1,559	1,707	179	179	6,723
Parks and Recreation Fund	367	0	0	0	0	0	0	0	367
2005 LTGO Capital Project Fund	0	0	0	0	0	0	0	0	0
2006 LTGO Capital Projects Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	7,653	2,488	2,659	2,906	3,207	3,353	1,827	1,827	25,920
<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.*

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,633	1,644	1,647	1,648	1,646	1,648	1,648	11,514
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount	825	1,015	1,259	1,559	1,707	179	179	6,723
Parks and Recreation Fund	0	0	0	0	0	0	0	0
2005 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
<b>Total:</b>	2,458	2,659	2,906	3,207	3,353	1,827	1,827	18,237

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### 2012 - 2017 Adopted 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>	Q4/2015
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	492	0	849	1,122	0	0	2,463
<b>Total:</b>	0	0	492	0	849	1,122	0	0	2,463
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	492	0	849	1,122	0	0	2,463
<b>Total*:</b>	0	0	492	0	849	1,122	0	0	2,463
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Aquarium Pier 60 Filter Replacement

<b>BCL/Program Name:</b>	Seattle Aquarium Projects	<b>BCL/Program Code:</b>	K72448
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	K732345	<b>End Date:</b>	Q4/2011
<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 replaces the salt water filters and related components of the Aquarium life support system and performs other related work. This major maintenance work will extend the useful life of these systems that are essential for aquarium animals and exhibits.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	166	134	0	0	0	0	0	0	300
Real Estate Excise Tax I	784	0	0	0	0	0	0	0	784
<b>Total:</b>	950	134	0	0	0	0	0	0	1,084
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	166	134	0	0	0	0	0	0	300
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	784	0	0	0	0	0	0	0	784
<b>Total*:</b>	950	134	0	0	0	0	0	0	1,084
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Aquarium Pier 60 Fire Suppression

<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>	Q1/2011
<b>Project ID:</b>	K732428	<b>End Date:</b>	Q4/2012
<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

The project removes the existing fire suppression system and installs a new dry pipe valve, backflow protection, supply line, new piping under the pier and other related work. These improvements will enhance safety and fire protection for the pier and the Aquarium. 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.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	75	0	0	0	0	0	75
<b>Total:</b>	0	0	75	0	0	0	0	0	75
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	75	0	0	0	0	0	75
<b>Total*:</b>	0	0	75	0	0	0	0	0	75
<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.*

### 2012 - 2017 Adopted 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>	Q4/2013
<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 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.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	15	1,223	2,029	1,122	273	0	0	0	4,662
<b>Total:</b>	15	1,223	2,029	1,122	273	0	0	0	4,662
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	15	1,223	2,029	1,122	273	0	0	0	4,662
<b>Total*:</b>	15	1,223	2,029	1,122	273	0	0	0	4,662
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		727	2,145	1,502	273	0	0	0	4,647
<b>Total:</b>		727	2,145	1,502	273	0	0	0	4,647

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Ballard Community Center Roof Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	635	0	0	0	0	0	635
<b>Total:</b>	0	0	635	0	0	0	0	0	635
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	635	0	0	0	0	0	635
<b>Total*:</b>	0	0	635	0	0	0	0	0	635
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	100	535	0	0	0	0	635
<b>Total:</b>		0	100	535	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.*

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Ballfield Lighting Replacement Program

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

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

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,969	772	0	240	1,125	500	500	500	5,606
<b>Total:</b>	1,969	772	0	240	1,125	500	500	500	5,606
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,969	772	0	240	1,125	500	500	500	5,606
<b>Total*:</b>	1,969	772	0	240	1,125	500	500	500	5,606
<b>O &amp; M Costs (Savings)</b>			10	11	11	11	11	12	66
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		432	340	240	1,125	500	500	500	3,637
<b>Total:</b>		432	340	240	1,125	500	500	500	3,637

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	152	48	50	50	50	50	50	50	500
King County Funds	38	17	0	0	0	0	0	0	55
Private Funding/Donations	0	0	0	0	0	0	0	0	0
<b>Total:</b>	190	65	50	50	50	50	50	50	555
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	152	48	50	50	50	50	50	50	500
Cumulative Reserve Subfund - Unrestricted Subaccount	38	17	0	0	0	0	0	0	55
<b>Total*:</b>	190	65	50	50	50	50	50	50	555
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
King County Funds	206	29	0	0	0	0	0	0	235
King County Funds	263	32	25	25	25	25	25	25	445
<b>Total:</b>	469	61	25	25	25	25	25	25	680
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	206	29	0	0	0	0	0	0	235
Beach Maintenance Trust Fund	263	32	25	25	25	25	25	25	445
<b>Total*:</b>	469	61	25	25	25	25	25	25	680
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Beacon Hill Playground Comfort Station Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	K730160	<b>End Date:</b>	Q4/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	200	0	0	0	0	0	200
<b>Total:</b>	0	0	200	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	200	0	0	0	0	0	200
<b>Total*:</b>	0	0	200	0	0	0	0	0	200
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	50	150	0	0	0	0	200
<b>Total:</b>		0	50	150	0	0	0	0	200

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### 2012 - 2017 Adopted 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 Development	<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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	500	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	500	0	0	0	0	0	0	500
<b>Total*:</b>	0	500	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	2	3	3	3	3	14
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		200	300	0	0	0	0	0	500
<b>Total:</b>		200	300	0	0	0	0	0	500

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**2012 - 2017 Adopted 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>	Q1/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	406	3,094	0	0	0	0	0	0	3,500
<b>Total:</b>	406	3,094	0	0	0	0	0	0	3,500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	406	3,094	0	0	0	0	0	0	3,500
<b>Total*:</b>	406	3,094	0	0	0	0	0	0	3,500
<b>O &amp; M Costs (Savings)</b>			0	121	123	125	128	130	627
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		29	2,800	265	0	0	0	0	3,094
<b>Total:</b>		29	2,800	265	0	0	0	0	3,094

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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	132	1,892	0	0	0	0	0	0	2,024
<b>Total:</b>	132	1,892	0	0	0	0	0	0	2,024
<b>Fund Appropriations/Allocations</b>									
1999 Seattle Center/Community Centers Fund	132	1,892	0	0	0	0	0	0	2,024
<b>Total*:</b>	132	1,892	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		949	124	130	130	130	131	146	1,740
<b>Total:</b>		949	124	130	130	130	131	146	1,740

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Bitter Lake Reservoir Park Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	287	0	0	0	0	0	0	287
<b>Total:</b>	0	287	0	0	0	0	0	0	287
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	287	0	0	0	0	0	0	287
<b>Total*:</b>	0	287	0	0	0	0	0	0	287
<b>O &amp; M Costs (Savings)</b>			0	11	15	15	15	15	71
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		150	137	0	0	0	0	0	287
<b>Total:</b>		150	137	0	0	0	0	0	287

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Concession Revenues	0	125	45	57	57	57	57	57	455
<b>Total:</b>	0	125	45	57	57	57	57	57	455
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	125	45	57	57	57	57	57	455
<b>Total*:</b>	0	125	45	57	57	57	57	57	455
<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		65	45	57	57	57	57	57	395
<b>Total:</b>		65	45	57	57	57	57	57	395

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### 2012 - 2017 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Boiler 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 and any related work necessary in facilities throughout the Parks system. Costs for certain boiler 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 failure.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	511	339	204	175	175	175	175	175	1,929
<b>Total:</b>	511	339	204	175	175	175	175	175	1,929
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	511	339	204	175	175	175	175	175	1,929
<b>Total*:</b>	511	339	204	175	175	175	175	175	1,929
<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		271	272	175	175	175	175	175	1,418
<b>Total:</b>		271	272	175	175	175	175	175	1,418

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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	500	0	0	0	0	500
<b>Total:</b>	0	0	0	500	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	0	500	0	0	0	0	500
<b>Total*:</b>	0	0	0	500	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	0	100	400	0	0	0	500
<b>Total:</b>		0	0	100	400	0	0	0	500

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Cheshiahud Trail

<b>BCL/Program Name:</b>	Parks Infrastructure	<b>BCL/Program Code:</b>	K72441
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	K732370	<b>End Date:</b>	Q2/2012
<b>Location:</b>	Around Lake Union		
<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 completing and enhancing a bicycle/pedestrian trail around Lake Union. Activities may include, but are not limited to, joining existing trail segments, installing directional signage, landscaping and removal of invasive species, restoration of natural habitat, increasing accessibility, increasing fluidity of circulation, and improving street-ends. This project enhances recreational opportunity in the areas surrounding the lake and increases non-polluting transportation alternatives.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,004	346	0	0	0	0	0	0	1,350
Trail and Open Space Levy	498	102	0	0	0	0	0	0	600
<b>Total:</b>	1,502	448	0	0	0	0	0	0	1,950
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,004	346	0	0	0	0	0	0	1,350
Cumulative Reserve Subfund - Unrestricted Subaccount	498	102	0	0	0	0	0	0	600
<b>Total*:</b>	1,502	448	0	0	0	0	0	0	1,950
<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		336	10	0	0	0	0	0	346
Cumulative Reserve Subfund - Unrestricted Subaccount		92	10	0	0	0	0	0	102
<b>Total:</b>		428	20	0	0	0	0	0	448

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### 2012 - 2017 Adopted 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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Private Funding/Donations	527	92	0	0	0	0	0	0	619
<b>Total:</b>	527	92	0	0	0	0	0	0	619
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	527	92	0	0	0	0	0	0	619
<b>Total*:</b>	527	92	0	0	0	0	0	0	619
<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		36	56	0	0	0	0	0	92
<b>Total:</b>		36	56	0	0	0	0	0	92

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Colman Pool Renovations

<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>	Q2/2007
<b>Project ID:</b>	K732313	<b>End Date:</b>	Q3/2012
<b>Location:</b>	8603 Fauntleroy Wy 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 adds a family changing area, reinforces the structural integrity of the cantilever deck at Colman Pool, replaces pool operations equipment, modifies the pool filtration and drainage system, and performs other related work. These improvements provide a structurally-sound and safe deck structure, extends the useful life of the pool, brings the pool into compliance with State and local drainage and water quality regulations.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	202	1,187	0	0	0	0	0	0	1,389
Real Estate Excise Tax I	24	0	0	0	0	0	0	0	24
<b>Total:</b>	226	1,187	0	0	0	0	0	0	1,413
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	202	1,187	0	0	0	0	0	0	1,389
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	24	0	0	0	0	0	0	0	24
<b>Total*:</b>	226	1,187	0	0	0	0	0	0	1,413
<b>O &amp; M Costs (Savings)</b>			2	2	2	2	2	3	13
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		453	734	0	0	0	0	0	1,187
<b>Total:</b>		453	734	0	0	0	0	0	1,187

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Comfort Station Renovations- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	300	0	0	0	0	0	300
<b>Total:</b>	0	0	300	0	0	0	0	0	300

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

2008 Parks Levy Fund	0	0	300	0	0	0	0	0	300
<b>Total*:</b>	0	0	300	0	0	0	0	0	300

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

2008 Parks Levy Fund	0	200	100	0	0	0	0	0	300
<b>Total:</b>	0	200	100	0	0	0	0	0	300

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### **2012 - 2017 Adopted 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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	644	1,356	0	0	0	0	0	0	2,000
<b>Total:</b>	644	1,356	0	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	644	1,356	0	0	0	0	0	0	2,000
<b>Total*:</b>	644	1,356	0	0	0	0	0	0	2,000
<b>O &amp; M Costs (Savings)</b>			10	12	12	12	13	13	72
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		430	750	176	0	0	0	0	1,356
<b>Total:</b>		430	750	176	0	0	0	0	1,356

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### 2012 - 2017 Adopted Capital Improvement Program

# Department of Parks and Recreation

## Crew Quarters Replacement (Magnuson Park)

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	K732424	<b>End Date:</b>	Q4/2012
<b>Location:</b>	6500 Sand Point WAY NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

This project demolishes building #308, develops a new 4,200 square foot metal building for the Magnuson Crew Quarters in a new location to the west and other related work. Staff will be housed in the building and with access to the facility for community volunteers in Magnuson Park. A missing link in the pedestrian path, which is sited through the existing building area, will be completed after demolition occurs.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	763	0	0	0	0	0	763
<b>Total:</b>	0	0	763	0	0	0	0	0	763
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	763	0	0	0	0	0	763
<b>Total*:</b>	0	0	763	0	0	0	0	0	763
<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	600	163	0	0	0	0	763
<b>Total:</b>		0	600	163	0	0	0	0	763

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## 2012 - 2017 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Crown Hill Elementary 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>	Q3/2010
<b>Project ID:</b>	K730086	<b>End Date:</b>	Q1/2012
<b>Location:</b>	Holman Road 13th AVE NW		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	NW CHS2
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	Not in an Urban Village

This project provides for a new playground on property acquired from the Seattle School District. The scope of the project provides for a small sportsfield area for youth, a children's play area, and other park features. This project is part of the 2008 Parks Levy.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	135	1,065	0	0	0	0	0	0	1,200
<b>Total:</b>	135	1,065	0	0	0	0	0	0	1,200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	135	1,065	0	0	0	0	0	0	1,200
<b>Total*:</b>	135	1,065	0	0	0	0	0	0	1,200
<b>O &amp; M Costs (Savings)</b>			0	81	83	85	86	88	423
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		876	189	0	0	0	0	0	1,065
<b>Total:</b>		876	189	0	0	0	0	0	1,065

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Crown Hill School Open Space 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>	Q1/2005
<b>Project ID:</b>	K733080	<b>End Date:</b>	TBD
<b>Location:</b>	Holman Rd NW/13th Ave NW		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	III OS7
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	Crown Hill

This project develops usable open space and improves playfields at Crown Hill School. This project is part of the 2000 Parks Levy Neighborhood Park Development Program.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	90	547	0	0	0	0	0	0	637
<b>Total:</b>	90	547	0	0	0	0	0	0	637
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	90	547	0	0	0	0	0	0	637
<b>Total*:</b>	90	547	0	0	0	0	0	0	637
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<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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### 2012 - 2017 Adopted Capital Improvement Program

# Department of Parks and Recreation

## Dakota Place Park, Phase II

<b>BCL/Program Name:</b>	2000 Parks Levy - Development Opportunity Fund	<b>BCL/Program Code:</b>	K723008
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2009
<b>Project ID:</b>	K733275	<b>End Date:</b>	Q1/2012
<b>Location:</b>	4304 SW Dakota 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>	Not in an Urban Village

This project, part of the Pro Parks levy, further develops the former California Avenue Substation site into a .34-acre park. The work includes a seismic upgrade and renovations to create indoor activity space for Hiawatha Community Center programming, and other related work. A program plan is being developed to fund operating costs related to the building, which may include rental income and other income.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	86	314	0	0	0	0	0	0	400
Miscellaneous Grants or Donations	0	120	0	0	0	0	0	0	120
<b>Total:</b>	86	434	0	0	0	0	0	0	520
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	86	434	0	0	0	0	0	0	520
<b>Total*:</b>	86	434	0	0	0	0	0	0	520
<b>O &amp; M Costs (Savings)</b>			10	11	11	11	11	12	66
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		371	63	0	0	0	0	0	434
<b>Total:</b>		371	63	0	0	0	0	0	434

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Delridge Skatepark 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>	Q1/2010
<b>Project ID:</b>	K730103	<b>End Date:</b>	Q1/2012
<b>Location:</b>	4458 Delridge WAY SW		
<b>Neighborhood Plan:</b>	Delridge	<b>Neighborhood Plan Matrix:</b>	na
<b>Neighborhood District:</b>	Delridge	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the development of a skatepark at Delridge Playfield. The skatepark will provide skating opportunities in West Seattle and implements a portion of the 2007 Citywide Skatepark Plan. It will be an innovative full service skatepark that can accommodate a variety of features and different skill levels.

This project is part of the 2008 Parks Levy, which designated a small skatedot at Myrtle Reservoir Park. In 2009, the Skatepark Advisory Committee and the 2008 Parks Levy Citizens Advisory Committee recommended that this funding be used for the Delridge Skatepark instead of the skatedot at Myrtle.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	16	484	0	0	0	0	0	0	500
Seattle Voter-Approved Levy	0	325	0	0	0	0	0	0	325
<b>Total:</b>	16	809	0	0	0	0	0	0	825
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	16	484	0	0	0	0	0	0	500
2008 Parks Levy Fund	0	325	0	0	0	0	0	0	325
<b>Total*:</b>	16	809	0	0	0	0	0	0	825
<b>O &amp; M Costs (Savings)</b>			0	34	35	36	37	37	179
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		348	136	0	0	0	0	0	484
2008 Parks Levy Fund		300	25	0	0	0	0	0	325
<b>Total:</b>		648	161	0	0	0	0	0	809

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### 2012 - 2017 Adopted 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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	710	0	0	0	0	0	710
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	710	0	0	0	0	0	710
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	710	0	0	0	0	0	710
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	710	0	0	0	0	0	710
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

# Department of Parks and Recreation

## Discovery Park - Capehart Acquisition

<b>BCL/Program Name:</b>	West Point Settlement Projects	<b>BCL/Program Code:</b>	K72982
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	K731231	<b>End Date:</b>	Q3/2011
<b>Location:</b>	3801 W Government Wy		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

This project provides funding to acquire the United States Navy's Capehart housing property to allow for the restoration of 23 acres of valuable open space and natural habitat in the heart of Discovery Park, and perform other related work. Housing on the site will be demolished by Pacific Northwest Communities LLC, leaving foundations and other structures for the City to remove. The City's demolition work and additional restoration work will be done under a separate project (K731242 -- Discovery Park - Capehart Site Restoration).

Partial funding of \$2 million is being provided by the West Point Treatment Plant mitigation funds as part of the 2004 Memorandum of Agreement between King County Department of Natural Resources and Parks and the City of Seattle Department of Parks and Recreation pursuant to Section 1(d) of the West Point Settlement Agreement (Ordinance 121488).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	701	207	0	0	0	0	0	0	908
King County Voter-Approved Levy	4,000	0	0	0	0	0	0	0	4,000
State Grant Funds	1,690	0	0	0	0	0	0	0	1,690
Property Sales and Interest Earnings	2,117	0	0	0	0	0	0	0	2,117
King County Funds	2,000	0	0	0	0	0	0	0	2,000
State Grant Funds	965	0	0	0	0	0	0	0	965
<b>Total:</b>	11,473	207	0	0	0	0	0	0	11,680
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	701	207	0	0	0	0	0	0	908
Cumulative Reserve Subfund - Unrestricted Subaccount	7,807	0	0	0	0	0	0	0	7,807
Shoreline Park Improvement Fund	2,965	0	0	0	0	0	0	0	2,965
<b>Total*:</b>	11,473	207	0	0	0	0	0	0	11,680
<b>O &amp; M Costs (Savings)</b>			77	79	80	82	84	85	487
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
<b>Total:</b>		0	0	0	0	0	0	0	0

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## 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Discovery Park - Capehart Restoration - 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Major Parks	<b>BCL/Program Code:</b>	K720023
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	K730128	<b>End Date:</b>	Q2/2012
<b>Location:</b>	3801 W Government WAY		
<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 site in Discovery Park (former Navy housing site) to green space, including slab and roadway demolition and removal, grading, and seeding of the restoration area. This newly restored natural landscaped area is consistent with its park setting. This project is part of the 2008 Parks Levy. See related project Discovery park - Capehart Site Restoration (K731242).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Total*:</b>	0	1,000	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>									
2008 Parks Levy Fund		800	200	0	0	0	0	0	1,000
<b>Total:</b>		800	200	0	0	0	0	0	1,000

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### 2012 - 2017 Adopted 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>	Q1/2012
<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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
King County Funds	145	455	0	0	0	0	0	0	600
<b>Total:</b>	145	455	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	145	455	0	0	0	0	0	0	600
<b>Total*:</b>	145	455	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		314	141	0	0	0	0	0	455
<b>Total:</b>		314	141	0	0	0	0	0	455

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### 2012 - 2017 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Discovery Park - Contingency and Opportunity Fund

<b>BCL/Program Name:</b>	West Point Settlement Projects	<b>BCL/Program Code:</b>	K72982
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2007
<b>Project ID:</b>	K731241	<b>End Date:</b>	TBD
<b>Location:</b>	3801 W Government Wy		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

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

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
King County Funds	47	258	0	0	0	0	0	0	305
<b>Total:</b>	47	258	0	0	0	0	0	0	305
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	47	258	0	0	0	0	0	0	305
<b>Total*:</b>	47	258	0	0	0	0	0	0	305
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Shoreline Park Improvement Fund		120	138	0	0	0	0	0	258
<b>Total:</b>		120	138	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.*

### 2012 - 2017 Adopted 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>	Q4/2012
<b>Location:</b>	3801 Discovery Park BLVD		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

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

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
King County 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>									
Shoreline Park Improvement Fund	0	0	500	0	0	0	0	0	500
<b>Total*:</b>	0	0	500	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
King County Funds	0	0	250	0	0	0	0	0	250
<b>Total:</b>	0	0	250	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	0	250	0	0	0	0	0	250
<b>Total*:</b>	0	0	250	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	14	36	0	0	0	0	0	0	50
<b>Total:</b>	14	36	0	0	0	0	0	0	50
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	14	36	0	0	0	0	0	0	50
<b>Total*:</b>	14	36	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		10	5	5	5	5	6	0	36
<b>Total:</b>		10	5	5	5	5	6	0	36

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### East James Court Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	500	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	500	0	0	0	0	0	0	500
<b>Total*:</b>	0	500	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	7	9	10	10	10	46
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		200	300	0	0	0	0	0	500
<b>Total:</b>		200	300	0	0	0	0	0	500

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### East John Street Open Space Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	260	0	0	0	0	0	0	260
<b>Total:</b>	0	260	0	0	0	0	0	0	260
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	260	0	0	0	0	0	0	260
<b>Total*:</b>	0	260	0	0	0	0	0	0	260
<b>O &amp; M Costs (Savings)</b>			0	0	5	7	7	7	26
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	160	100	0	0	0	0	260
<b>Total:</b>		0	160	100	0	0	0	0	260

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Electrical System Replacement Program

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

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

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	420	345	150	150	150	150	150	150	1,665
<b>Total:</b>	420	345	150	150	150	150	150	150	1,665
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	420	345	150	150	150	150	150	150	1,665
<b>Total*:</b>	420	345	150	150	150	150	150	150	1,665
<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		276	219	150	150	150	150	150	1,245
<b>Total:</b>		276	219	150	150	150	150	150	1,245

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### 2012 - 2017 Adopted 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 renovates the electrical systems to power emergency generators which are located at Tier 1 emergency shelters in Parks community centers. The Tier 1 shelters are Bitter Lake CC, Delridge CC, Garfield CC, Meadowbrook CC, Rainier CC, and Southwest CC. Initial funding will renovate these systems for one to three shelters. This work ensures that the emergency shelters can function in the event of a natural disaster.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	450	50	0	0	0	0	500
<b>Total:</b>		0	450	50	0	0	0	0	500

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### 2012 - 2017 Adopted 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:</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 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. This project was formerly project number K32003. 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	105	145	75	75	75	75	75	75	700
<b>Total:</b>	105	145	75	75	75	75	75	75	700
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	105	145	75	75	75	75	75	75	700
<b>Total*:</b>	105	145	75	75	75	75	75	75	700
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Evers Pool Roof Repairs

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	1,600	0	0	0	0	0	1,600
<b>Total:</b>	0	0	1,600	0	0	0	0	0	1,600

#### Fund Appropriations/Allocations

2008 Parks Levy Fund	0	0	1,600	0	0	0	0	0	1,600
<b>Total*:</b>	0	0	1,600	0	0	0	0	0	1,600

#### Spending Plan by Fund

2008 Parks Levy Fund	0	1,500	100	0	0	0	0	1,600
<b>Total:</b>	0	1,500	100	0	0	0	0	1,600

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Fairmount Playfield Comfort Station Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2013
<b>Location:</b>	5400 Fauntleroy WAY SW		
<b>Neighborhood Plan:</b>	West Seattle Junction (FOJ)	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	Not in an Urban Village

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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	200	0	0	0	0	0	200
<b>Total:</b>	0	0	200	0	0	0	0	0	200

#### Fund Appropriations/Allocations

2008 Parks Levy Fund	0	0	200	0	0	0	0	0	200
<b>Total*:</b>	0	0	200	0	0	0	0	0	200

#### Spending Plan by Fund

2008 Parks Levy Fund	0	50	150	0	0	0	0	200
<b>Total:</b>	0	50	150	0	0	0	0	200

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Fairmount Playfield Fence Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2012
<b>Project ID:</b>	K730164	<b>End Date:</b>	Q4/2013
<b>Location:</b>	5400 Fauntleroy WAY SW		
<b>Neighborhood Plan:</b>	West Seattle Junction (FOJ)	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	Not in an Urban Village

This project, funded with the 2008 Parks Levy Inflation Adjustment funds,, removes and replaces the park's perimeter fencing, which is approximately 800 linear feet of four foot high fencing. The new fencing will eliminate potential safety hazards and improve the visual appearance of the park.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	25	0	0	0	0	0	25
<b>Total:</b>	0	0	25	0	0	0	0	0	25
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	25	0	0	0	0	0	25
<b>Total*:</b>	0	0	25	0	0	0	0	0	25
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	20	5	0	0	0	0	25
<b>Total:</b>		0	20	5	0	0	0	0	25

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1	599	0	0	0	0	0	0	600
<b>Total:</b>	1	599	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	1	599	0	0	0	0	0	0	600
<b>Total*:</b>	1	599	0	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			0	11	11	11	12	12	57
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		50	100	449	0	0	0	0	599
<b>Total:</b>		50	100	449	0	0	0	0	599

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## 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Freeway Park 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>	Q1/2005
<b>Project ID:</b>	K732273	<b>End Date:</b>	Q1/2012
<b>Location:</b>	700 Seneca St		
<b>Neighborhood Plan:</b>	DUCPG (Downtown Urban Center Planning Group)	<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 improves public safety, access, park character, and programming opportunities at Freeway Park. This project restores the fountains, improves sight lines, connects areas, provides a comprehensive plan to manage the plant collection, provides way-finding signage in the park, and performs other related work. This project implements the improvements identified by a 2004 planning effort involving the City, the Freeway Park Neighborhood Group, and the consulting firm, Project for Public Spaces, to transform Seattle's downtown parks into vibrant, attractive public spaces.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,654	316	0	0	0	0	0	0	2,970
Property Sales and Interest Earnings	132	0	0	0	0	0	0	0	132
<b>Total:</b>	2,786	316	0	0	0	0	0	0	3,102
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,654	316	0	0	0	0	0	0	2,970
Cumulative Reserve Subfund - Unrestricted Subaccount	132	0	0	0	0	0	0	0	132
<b>Total*:</b>	2,786	316	0	0	0	0	0	0	3,102
<b>O &amp; M Costs (Savings)</b>			155	158	161	164	167	171	976
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		300	16	0	0	0	0	0	316
<b>Total:</b>		300	16	0	0	0	0	0	316

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Garfield Community Center Roof Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	465	0	0	0	0	0	465
<b>Total:</b>	0	0	465	0	0	0	0	0	465
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	465	0	0	0	0	0	465
<b>Total*:</b>	0	0	465	0	0	0	0	0	465

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

### 2012 - 2017 Adopted Capital Improvement Program

# Department of Parks and Recreation

## Gas Works Park - Remediation

<b>BCL/Program Name:</b>	Gas Works Park Remediation	<b>BCL/Program Code:</b>	K72582
<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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	107	18	70	0	0	0	0	0	195
General Subfund Revenues	1,081	21	20	20	20	0	0	0	1,162
<b>Total:</b>	1,188	39	90	20	20	0	0	0	1,357
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	107	18	70	0	0	0	0	0	195
Gasworks Park Contamination Remediation Fund	1,081	21	20	20	20	0	0	0	1,162
<b>Total*:</b>	1,188	39	90	20	20	0	0	0	1,357
<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		18	70	0	0	0	0	0	88
Parks and Recreation Fund		21	20	20	20	0	0	0	81
Gasworks Park Contamination Remediation Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		39	90	20	20	0	0	0	169

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## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	400	1,000	0	0	0	1,400
<b>Total:</b>	0	0	0	400	1,000	0	0	0	1,400
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	0	400	1,000	0	0	0	1,400
<b>Total*:</b>	0	0	0	400	1,000	0	0	0	1,400
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	0	300	1,000	100	0	0	1,400
<b>Total:</b>		0	0	300	1,000	100	0	0	1,400

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Georgetown Playfield 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>	Q4/2009
<b>Project ID:</b>	K730088	<b>End Date:</b>	Q1/2012
<b>Location:</b>	750 S Homer ST		
<b>Neighborhood Plan:</b>	Georgetown	<b>Neighborhood Plan Matrix:</b>	GC-2C.1.E-5
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Not in an Urban Village

This project converts the wading pool at Georgetown Playfield 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	59	552	0	0	0	0	0	0	611
<b>Total:</b>	59	552	0	0	0	0	0	0	611
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	59	552	0	0	0	0	0	0	611
<b>Total*:</b>	59	552	0	0	0	0	0	0	611
<b>O &amp; M Costs (Savings)</b>			3	14	15	15	15	16	78
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		273	279	0	0	0	0	0	552
<b>Total:</b>		273	279	0	0	0	0	0	552

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Golf - Capital Improvements

<b>BCL/Program Name:</b>	Golf Projects	<b>BCL/Program Code:</b>	K72253
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Golf Revenues	53	1,732	435	0	313	59	0	0	2,592
<b>Total:</b>	53	1,732	435	0	313	59	0	0	2,592
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	53	1,732	435	0	313	59	0	0	2,592
<b>Total*:</b>	53	1,732	435	0	313	59	0	0	2,592
<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		200	100	100	100	100	200	200	1,000
<b>Total:</b>		200	100	100	100	100	200	200	1,000

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Golf Master Plan Implementation

<b>BCL/Program Name:</b>	Golf Projects	<b>BCL/Program Code:</b>	K72253
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
General Obligation Bonds	286	577	0	0	0	0	0	0	863
General Obligation Bonds	0	2,049	0	0	0	0	0	0	2,049
General Obligation Bonds	0	0	6,003	0	0	0	0	0	6,003
General Obligation Bonds	0	0	0	5,672	0	0	0	0	5,672
<b>Total:</b>	286	2,626	6,003	5,672	0	0	0	0	14,587
<b>Fund Appropriations/Allocations</b>									
2010 Multipurpose LTGO Bond Fund	286	577	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund	0	2,049	0	0	0	0	0	0	2,049
2012 Multipurpose LTGO Bond Fund	0	0	6,003	0	0	0	0	0	6,003
Future Bond Funds	0	0	0	5,672	0	0	0	0	5,672
<b>Total*:</b>	286	2,626	6,003	5,672	0	0	0	0	14,587
<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		577	0	0	0	0	0	0	577
2011 Multipurpose LTGO Bond Fund		387	1,662	0	0	0	0	0	2,049
2012 Multipurpose LTGO Bond Fund		0	5,000	1,003	0	0	0	0	6,003
Future Bond Funds		0	0	4,125	1,178	369	0	0	5,672
<b>Total:</b>		964	6,662	5,128	1,178	369	0	0	14,301

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Green Lake Bathhouse Roof Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K730166	<b>End Date:</b>	Q4/2012
<b>Location:</b>	7312 W 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>	Not in an Urban Village

This project, funded with the 2008 Parks Levy Inflation Adjustment funds,, removes the existing 6,515 square foot roof and installs a new modified asphalt roof assembly. It also replaces the roof top mounted HVAC equipment. This project will eliminate building leaks and improve the HVAC equipment which was nearing the end of its useful life.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	456	0	0	0	0	0	456
<b>Total:</b>	0	0	456	0	0	0	0	0	456
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	456	0	0	0	0	0	456
<b>Total*:</b>	0	0	456	0	0	0	0	0	456

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Green Space Acquisition General

<b>BCL/Program Name:</b>	2000 Parks Levy - Green Spaces Acquisitions	<b>BCL/Program Code:</b>	K723002
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	K733002	<b>End Date:</b>	Q4/2011
<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 costs associated with the acquisition of real property within the City's designated green spaces (green belts and natural areas.) When property is acquired via special ordinances throughout the year, the budget associated with the specific property are either appropriated with the special ordinance or are transferred from this project to the property project.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	549	17	0	0	0	0	0	0	566
<b>Total:</b>	549	17	0	0	0	0	0	0	566
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	549	17	0	0	0	0	0	0	566
<b>Total*:</b>	549	17	0	0	0	0	0	0	566
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		5	5	5	2	0	0	0	17
<b>Total:</b>		5	5	5	2	0	0	0	17

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### 2012 - 2017 Adopted 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>	Q4/2014
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	2,389	1,966	750	750	700	0	0	0	6,555
<b>Total:</b>	2,389	1,966	750	750	700	0	0	0	6,555
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	2,389	1,966	750	750	700	0	0	0	6,555
<b>Total*:</b>	2,389	1,966	750	750	700	0	0	0	6,555
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		826	750	750	700	600	540	0	4,166
<b>Total:</b>		826	750	750	700	600	540	0	4,166

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

### 2012 - 2017 Adopted 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>	Q2/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	15	587	0	0	0	0	0	0	602
<b>Total:</b>	15	587	0	0	0	0	0	0	602
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	15	587	0	0	0	0	0	0	602
<b>Total*:</b>	15	587	0	0	0	0	0	0	602
<b>O &amp; M Costs (Savings)</b>			8	14	15	15	15	16	83
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		148	439	0	0	0	0	0	587
<b>Total:</b>		148	439	0	0	0	0	0	587

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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	500	2,500	0	0	0	3,000
<b>Total:</b>	0	0	0	500	2,500	0	0	0	3,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	0	500	2,500	0	0	0	3,000
<b>Total*:</b>	0	0	0	500	2,500	0	0	0	3,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	23	23	24	70
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	0	400	2,500	100	0	0	3,000
<b>Total:</b>		0	0	400	2,500	100	0	0	3,000

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

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

<b>BCL/Program Name:</b>	Debt Service and Contract Obligation	<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	543	242	241	240	240	239	242	241	2,228
General Obligation Bonds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	543	242	241	240	240	239	242	241	2,228
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	543	242	241	240	240	239	242	241	2,228
2007 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	543	242	241	240	240	239	242	241	2,228
<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.*

### 2012 - 2017 Adopted 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>	Q1/2012
<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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1,108	1,036	0	0	0	0	0	0	2,144
<b>Total:</b>	1,108	1,036	0	0	0	0	0	0	2,144
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	1,108	1,036	0	0	0	0	0	0	2,144
<b>Total*:</b>	1,108	1,036	0	0	0	0	0	0	2,144
<b>O &amp; M Costs (Savings)</b>			8	77	78	79	81	82	405
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		955	81	0	0	0	0	0	1,036
<b>Total:</b>		955	81	0	0	0	0	0	1,036

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	35	35	35	35	35	35	35	35	280
<b>Total:</b>	35	35	35	35	35	35	35	35	280
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	35	35	35	35	35	35	35	35	280
<b>Total*:</b>	35	35	35	35	35	35	35	35	280
<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.*

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### International Children's 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>	Q2/2010
<b>Project ID:</b>	K730092	<b>End Date:</b>	Q1/2012
<b>Location:</b>	700 S Lane ST		
<b>Neighborhood Plan:</b>	International District/Chinatown	<b>Neighborhood Plan Matrix:</b>	W D1
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	International District

This project will provide for replacement of play equipment, access improvements, and other work at this existing 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	8	498	0	0	0	0	0	0	506
<b>Total:</b>	8	498	0	0	0	0	0	0	506
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	8	498	0	0	0	0	0	0	506
<b>Total*:</b>	8	498	0	0	0	0	0	0	506
<b>O &amp; M Costs (Savings)</b>			7	7	7	7	7	7	42
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		463	35	0	0	0	0	0	498
<b>Total:</b>		463	35	0	0	0	0	0	498

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Irrigation Replacement and Outdoor Infrastructure Program

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

This ongoing project funds engineering and other studies of the Department's park irrigation and outdoor infrastructure systems (e.g., water mains, irrigation and drainage lines, sanitary and storm sewers, electrical utilities, roads, paths, trails, retaining walls, bridges, and related infrastructure); associated cost estimating; related staff and consultant support for developing and prioritizing projects within the Department's Asset Management Plan; and implements replacement projects at various sites. Specific projects are determined by the study and operational considerations.

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

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	44	336	250	200	200	200	200	200	1,630
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
<b>Total:</b>	44	336	250	200	200	200	200	200	1,630
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	44	336	250	200	200	200	200	200	1,630
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	44	336	250	200	200	200	200	200	1,630
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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>	Q2/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	150	173	123	0	0	0	0	446
Federal Grant Funds	0	831	198	0	0	0	0	0	1,029
State Grant Funds	0	139	33	0	0	0	0	0	172
<b>Total:</b>	0	1,120	404	123	0	0	0	0	1,647
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	150	173	123	0	0	0	0	446
Cumulative Reserve Subfund - Unrestricted Subaccount	0	970	231	0	0	0	0	0	1,201
<b>Total*:</b>	0	1,120	404	123	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		50	273	123	0	0	0	0	446
Cumulative Reserve Subfund - Unrestricted Subaccount		200	900	101	0	0	0	0	1,201
<b>Total:</b>		250	1,173	224	0	0	0	0	1,647

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Jefferson Park Development - Phase II

<b>BCL/Program Name:</b>	2000 Parks Levy - Development Opportunity Fund	<b>BCL/Program Code:</b>	K723008
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	K733274	<b>End Date:</b>	Q1/2012
<b>Location:</b>	4165 16th 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 continues implementation of the Jefferson Park Master Plan. Work includes additional pathways, lighting, basketball courts, and other related work. This project was approved by the Pro Parks Levy Oversight Committee in 2008.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	542	558	0	0	0	0	0	0	1,100
<b>Total:</b>	542	558	0	0	0	0	0	0	1,100
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	542	558	0	0	0	0	0	0	1,100
<b>Total*:</b>	542	558	0	0	0	0	0	0	1,100
<b>O &amp; M Costs (Savings)</b>			245	250	255	260	265	270	1,545
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		442	116	0	0	0	0	0	558
<b>Total:</b>		442	116	0	0	0	0	0	558

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### 2012 - 2017 Adopted 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>	Q1/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	321	4,721	0	0	0	0	0	0	5,042
<b>Total:</b>	321	4,721	0	0	0	0	0	0	5,042
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	321	4,721	0	0	0	0	0	0	5,042
<b>Total*:</b>	321	4,721	0	0	0	0	0	0	5,042
<b>O &amp; M Costs (Savings)</b>			(20)	100	102	104	106	108	500
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		3,356	1,365	0	0	0	0	0	4,721
<b>Total:</b>		3,356	1,365	0	0	0	0	0	4,721

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Jefferson Park Skatepark Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Major Parks	<b>BCL/Program Code:</b>	K720023
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	K730130	<b>End Date:</b>	Q1/2012
<b>Location:</b>	4165 16th 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 provides for the development of a district skatepark at Jefferson Park. The skatepark will be developed in accordance with the master plan for the Park. The skatepark will provide skating opportunities to the eastern part of the City and beyond. This project is part of the 2008 Parks Levy.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	141	870	0	0	0	0	0	0	1,011
<b>Total:</b>	141	870	0	0	0	0	0	0	1,011
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	141	870	0	0	0	0	0	0	1,011
<b>Total*:</b>	141	870	0	0	0	0	0	0	1,011
<b>O &amp; M Costs (Savings)</b>			0	33	34	35	36	36	174
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		776	94	0	0	0	0	0	870
<b>Total:</b>		776	94	0	0	0	0	0	870

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Jimi Hendrix Park Improvements

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	500	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	500	0	0	0	0	0	0	500
<b>Total*:</b>	0	500	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	8	10	10	11	11	50
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		200	300	0	0	0	0	0	500
<b>Total:</b>		200	300	0	0	0	0	0	500

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### John Muir Elementary Playground Improvements

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q3/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	270	0	0	0	0	0	0	270
<b>Total:</b>	0	270	0	0	0	0	0	0	270
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	270	0	0	0	0	0	0	270
<b>Total*:</b>	0	270	0	0	0	0	0	0	270
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		75	195	0	0	0	0	0	270
<b>Total:</b>		75	195	0	0	0	0	0	270

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

### 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	400	0	0	0	0	0	600
<b>Total:</b>	0	200	400	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	200	400	0	0	0	0	0	600
<b>Total*:</b>	0	200	400	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			2	10	10	10	11	11	54
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		32	400	168	0	0	0	0	600
<b>Total:</b>		32	400	168	0	0	0	0	600

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Kirke Park Development (formerly 9th Avenue NW 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>	Q4/2009
<b>Project ID:</b>	K730077	<b>End Date:</b>	Q1/2012
<b>Location:</b>	7028 9th AVE NW		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	III OS10, III OS21, III OS5
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	Not in an Urban Village

This project provides for park development at the 9th NW and NW 70th site purchased with 2000 Parks Levy and other funds. This project is part of the 2008 Parks Levy.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	133	667	0	0	0	0	0	0	800
<b>Total:</b>	133	667	0	0	0	0	0	0	800
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	133	667	0	0	0	0	0	0	800
<b>Total*:</b>	133	667	0	0	0	0	0	0	800
<b>O &amp; M Costs (Savings)</b>			0	66	67	68	70	71	342
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		534	133	0	0	0	0	0	667
<b>Total:</b>		534	133	0	0	0	0	0	667

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Lake Union Park - Development (formerly South Lake Union Park - Development)

<b>BCL/Program Name:</b>	2000 Parks Levy - Major Park Development	<b>BCL/Program Code:</b>	K723004
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	K733134	<b>End Date:</b>	Q2/2012
<b>Location:</b>	1000 Valley St		
<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, part of the 2000 Parks Levy, redevelops a 12-acre park at South Lake Union consistent with the park master plan adopted in July 2000. Improvements to the park enhance recreational opportunities and lakefront access. The project will be constructed in two phases. Phase I, which was completed in 2008, included constructing terraces, a boardwalk, and a pedestrian bridge, replacing the existing bulkhead, and installing utilities. Phase II, primarily funded through private donations, includes constructing a new pedestrian and vehicle entry on Valley Street, building a centerpiece fountain, installing a "great lawn" and model boat pond, adding landscaping throughout the park, and other related work. Phase II began in 2008 and will be completed in 2010.

In July 2008, the City council budget committee held a special public hearing on this project. Special public hearings, also known as "CLEAN!" hearings, are held for certain major capital projects on which the City spends or is authorized to spend \$5 million or more in City money.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3,243	0	0	0	0	0	0	0	3,243
Real Estate Excise Tax I	966	0	0	0	0	0	0	0	966
Property Sales and Interest Earnings	850	0	0	0	0	0	0	0	850
Seattle Voter-Approved Levy	5,300	0	0	0	0	0	0	0	5,300
Miscellaneous Grants or Donations	5,000	0	0	0	0	0	0	0	5,000
State Grant Funds	190	0	0	0	0	0	0	0	190
Private Funding/Donations	14,338	162	0	0	0	0	0	0	14,500
State Interlocal Revenues	500	0	0	0	0	0	0	0	500
<b>Total:</b>	30,387	162	0	0	0	0	0	0	30,549

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

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,243	0	0	0	0	0	0	0	3,243
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	966	0	0	0	0	0	0	0	966
Cumulative Reserve Subfund - Unrestricted Subaccount	850	0	0	0	0	0	0	0	850
2000 Parks Levy Fund	10,490	0	0	0	0	0	0	0	10,490
South Lake Union Trust Fund	14,838	162	0	0	0	0	0	0	15,000
<b>Total*:</b>	30,387	162	0	0	0	0	0	0	30,549

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

### **2012 - 2017 Adopted Capital Improvement Program**

## Department of Parks and Recreation

### O & M Costs (Savings)

263	268	274	280	286	291	1,662
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*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	392	468	430	430	430	430	430	430	3,440
<b>Total:</b>	392	468	430	430	430	430	430	430	3,440
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	392	468	430	430	430	430	430	430	3,440
<b>Total*:</b>	392	468	430	430	430	430	430	430	3,440
<b>O &amp; M Costs (Savings)</b>			17	17	18	19	19	19	109

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

### 2012 - 2017 Adopted Capital Improvement Program

# Department of Parks and Recreation

## Langston Hughes Performing Arts 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>	Q3/2007
<b>Project ID:</b>	K732314	<b>End Date:</b>	Q1/2012
<b>Location:</b>	104 17th AVE S		
<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 provides a seismic evaluation, upgrades to the electrical system and exterior renovations that include repairs to the windows, patching of exterior masonry, and other related work. This project will preserve the integrity of the facility, allow for additional events and programming, and extend the useful life of the facility. See also related project Langston Hughes Performing Arts Center Renovation - 2008 Parks Levy (K730121).

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	9	356	0	0	0	0	0	0	365
Real Estate Excise Tax I	598	2	0	0	0	0	0	0	600
<b>Total:</b>	607	358	0	0	0	0	0	0	965
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	9	356	0	0	0	0	0	0	365
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	598	2	0	0	0	0	0	0	600
<b>Total*:</b>	607	358	0	0	0	0	0	0	965
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		256	100	0	0	0	0	0	356
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		2	0	0	0	0	0	0	2
<b>Total:</b>		258	100	0	0	0	0	0	358

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Langston Hughes Performing Arts Center Renovation-2008 Parks Levy

<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>	Q2/2009
<b>Project ID:</b>	K730121	<b>End Date:</b>	Q1/2012
<b>Location:</b>	104 17th AVE S		
<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 provides for seismic upgrade, electrical system modernization, and other work at Langston Hughes Performing Arts Center. This project enhances the safety of the facility per the recommendations/findings of a previous architectural and engineering assessment of the building in 2008. This project is part of the 2008 Parks Levy. See related project Langston Hughes Performing Arts Center - Renovation (K732314).

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
State Grant Funds	30	419	0	0	0	0	0	0	449
Seattle Voter-Approved Levy	257	2,264	0	0	0	0	0	0	2,521
<b>Total:</b>	287	2,683	0	0	0	0	0	0	2,970
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	30	419	0	0	0	0	0	0	449
2008 Parks Levy Fund	257	2,264	0	0	0	0	0	0	2,521
<b>Total*:</b>	287	2,683	0	0	0	0	0	0	2,970
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	3	18
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		400	19	0	0	0	0	0	419
2008 Parks Levy Fund		1,595	669	0	0	0	0	0	2,264
<b>Total:</b>		1,995	688	0	0	0	0	0	2,683

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### 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	400	0	0	0	0	0	400
<b>Total:</b>	0	0	400	0	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	400	0	0	0	0	0	400
<b>Total*:</b>	0	0	400	0	0	0	0	0	400
<b>O &amp; M Costs (Savings)</b>			0	14	14	15	15	15	73
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	300	100	0	0	0	0	400
<b>Total:</b>		0	300	100	0	0	0	0	400

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### 2012 - 2017 Adopted Capital Improvement Program

# Department of Parks and Recreation

## Lewis Park Reforestation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	260	0	0	0	0	0	0	260
<b>Total:</b>	0	260	0	0	0	0	0	0	260
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	260	0	0	0	0	0	0	260
<b>Total*:</b>	0	260	0	0	0	0	0	0	260
<b>O &amp; M Costs (Savings)</b>			0	3	4	4	5	5	21
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		100	160	0	0	0	0	0	260
<b>Total:</b>		100	160	0	0	0	0	0	260

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### 2012 - 2017 Adopted Capital Improvement Program

# Department of Parks and Recreation

## Lower Kinnear Park Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q2/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	750	0	0	0	0	0	0	750
<b>Total:</b>	0	750	0	0	0	0	0	0	750
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	750	0	0	0	0	0	0	750
<b>Total*:</b>	0	750	0	0	0	0	0	0	750
<b>O &amp; M Costs (Savings)</b>			0	5	19	19	20	20	83
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		250	480	20	0	0	0	0	750
<b>Total:</b>		250	480	20	0	0	0	0	750

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## **2012 - 2017 Adopted 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 Development	<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>	Q4/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	310	0	0	0	0	0	310
<b>Total:</b>	0	0	310	0	0	0	0	0	310
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	310	0	0	0	0	0	310
<b>Total*:</b>	0	0	310	0	0	0	0	0	310
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	150	160	0	0	0	0	310
<b>Total:</b>		0	150	160	0	0	0	0	310

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### 2012 - 2017 Adopted 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 Development	<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>	Q4/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	852	0	0	0	0	0	852
<b>Total:</b>	0	0	852	0	0	0	0	0	852
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	852	0	0	0	0	0	852
<b>Total*:</b>	0	0	852	0	0	0	0	0	852
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	330	522	0	0	0	0	852
<b>Total:</b>		0	330	522	0	0	0	0	852

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### 2012 - 2017 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Madrona Playground Shelterhouse Restrooms Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	200	0	0	0	0	0	200
<b>Total:</b>	0	0	200	0	0	0	0	0	200

#### Fund Appropriations/Allocations

2008 Parks Levy Fund	0	0	200	0	0	0	0	0	200
<b>Total*:</b>	0	0	200	0	0	0	0	0	200

#### Spending Plan by Fund

2008 Parks Levy Fund	0	50	150	0	0	0	0	200
<b>Total:</b>	0	50	150	0	0	0	0	200

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Magnolia 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>	K730097	<b>End Date:</b>	Q1/2012
<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 in the Magnolia 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	70	0	0	0	0	0	0	70
<b>Total:</b>	0	70	0	0	0	0	0	0	70
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	70	0	0	0	0	0	0	70
<b>Total*:</b>	0	70	0	0	0	0	0	0	70
<b>O &amp; M Costs (Savings)</b>			13	13	14	14	14	15	83
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		56	14	0	0	0	0	0	70
<b>Total:</b>		56	14	0	0	0	0	0	70

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Building 18 Demolition

<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 demolishes Building 18 located in the Sand Point Campus at Magnuson Park. This project will assure safety at Magnuson Park by removing an abandoned and structurally damaged building.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
General Subfund Revenues	23	177	0	0	0	0	0	0	200
<b>Total:</b>	23	177	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
General Subfund	23	177	0	0	0	0	0	0	200
<b>Total*:</b>	23	177	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>									
General Subfund		0	0	0	0	0	0	0	0
<b>Total:</b>		0	0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Building 30 Renovation Phase 1

<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>	Q3/2013
<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. This project is the first phase of a multi-phased approach to code compliance for the entire building. The extent of work in each phase depends on negotiations with the Department of Planning and Development.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	5,514	0	0	0	0	0	5,514
<b>Total:</b>	0	0	5,514	0	0	0	0	0	5,514
<b>Fund Appropriations/Allocations</b>									
2012 Multipurpose LTGO Bond Fund	0	0	5,514	0	0	0	0	0	5,514
<b>Total*:</b>	0	0	5,514	0	0	0	0	0	5,514
<b>O &amp; M Costs (Savings)</b>			175	289	256	256	256	256	1,488
<b>Spending Plan by Fund</b>									
2012 Multipurpose LTGO Bond Fund		0	4,300	1,214	0	0	0	0	5,514
<b>Total:</b>		0	4,300	1,214	0	0	0	0	5,514

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Picnic Shelter 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>	Q1/2007
<b>Project ID:</b>	K732327	<b>End Date:</b>	Q4/2012
<b>Location:</b>	7400 Sand Point Wy 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 replaces the Magnuson Park picnic shelter and adds barbeque grills that are near the boat launch which were partially destroyed in a 2003 fire. The replacement picnic shelter and barbeque grills will be updated fixtures to provide a better park experience for the public.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	22	0	162	0	0	0	0	0	184
<b>Total:</b>	22	0	162	0	0	0	0	0	184
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	22	0	162	0	0	0	0	0	184
<b>Total*:</b>	22	0	162	0	0	0	0	0	184
<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.*

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Shoreline 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>	Q1/2005
<b>Project ID:</b>	K732277	<b>End Date:</b>	TBD
<b>Location:</b>	7400 Sand Point Wy 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, formerly named Sand Point Magnuson Park Shoreline Renovation, restores a section of eroded and despoiled shoreline north of the swimming beach at Warren G. Magnuson Park. Project work includes removal of debris, regrading, installation of beach gravel, planting of native riparian trees and shrubs, remediation and removal of hazardous substances left by the US Navy, and other related work. This project supports the Restore Our Waters Strategy to improve Seattle's aquatic environments.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	78	7	0	0	0	0	0	0	85
<b>Total:</b>	78	7	0	0	0	0	0	0	85
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	78	7	0	0	0	0	0	0	85
<b>Total*:</b>	78	7	0	0	0	0	0	0	85
<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
<b>Total:</b>		0	0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Wetlands - Shore Ponds

<b>BCL/Program Name:</b>	2000 Parks Levy - Development 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>	Q1/2013
<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 will provide for planting of the ponds previously created by the Navy's clean-up of contaminated soils, development of two acres of new "shore ponds" east of the park roadway, and a new culvert under the roadways to improve the hydraulic connection between these various wetlands. Related work includes pathway connections. These improvements will enhance the natural environment of the park and provide habitat location and improve recreation opportunities.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Federal Grant Funds	0	500	0	0	0	0	0	0	500
Seattle Voter-Approved Levy	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Total*:</b>	0	1,000	0	0	0	0	0	0	1,000
<b>O &amp; M Costs (Savings)</b>			0	15	16	16	16	17	80
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		720	265	0	0	0	0	0	985
<b>Total:</b>		720	265	0	0	0	0	0	985

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### 2012 - 2017 Adopted 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:</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 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	14	21	0	0	0	0	0	0	35
<b>Total:</b>	14	21	0	0	0	0	0	0	35
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	14	21	0	0	0	0	0	0	35
<b>Total*:</b>	14	21	0	0	0	0	0	0	35
<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	11	0	0	0	0	21
<b>Total:</b>		5	5	11	0	0	0	0	21

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	450	0	0	0	0	0	0	450
<b>Total:</b>	0	450	0	0	0	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	450	0	0	0	0	0	0	450
<b>Total*:</b>	0	450	0	0	0	0	0	0	450
<b>O &amp; M Costs (Savings)</b>			0	10	17	18	18	19	82
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		50	200	200	0	0	0	0	450
<b>Total:</b>		50	200	200	0	0	0	0	450

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	228	779	4,070	0	0	0	0	0	5,077
<b>Total:</b>	228	779	4,070	0	0	0	0	0	5,077
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	228	779	4,070	0	0	0	0	0	5,077
<b>Total*:</b>	228	779	4,070	0	0	0	0	0	5,077
<b>O &amp; M Costs (Savings)</b>			0	26	45	46	47	48	212
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		232	2,000	2,617	0	0	0	0	4,849
<b>Total:</b>		232	2,000	2,617	0	0	0	0	4,849

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	100	1,000	0	0	0	1,100
<b>Total:</b>	0	0	0	100	1,000	0	0	0	1,100
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	0	100	1,000	0	0	0	1,100
<b>Total*:</b>	0	0	0	100	1,000	0	0	0	1,100
<b>O &amp; M Costs (Savings)</b>			0	0	0	29	30	30	89
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	0	100	800	200	0	0	1,100
<b>Total:</b>		0	0	100	800	200	0	0	1,100

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Matthews Beach Park Bathhouse Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	350	0	0	0	0	0	350
<b>Total:</b>	0	0	350	0	0	0	0	0	350

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

2008 Parks Levy Fund	0	0	350	0	0	0	0	0	350
<b>Total*:</b>	0	0	350	0	0	0	0	0	350

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

2008 Parks Levy Fund	0	175	175	0	0	0	0	350
<b>Total:</b>	0	175	175	0	0	0	0	350

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### **2012 - 2017 Adopted Capital Improvement Program**

## Department of Parks and Recreation

### McGilvra Place Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	364	0	0	0	0	0	0	364
<b>Total:</b>	0	364	0	0	0	0	0	0	364
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	364	0	0	0	0	0	0	364
<b>Total*:</b>	0	364	0	0	0	0	0	0	364
<b>O &amp; M Costs (Savings)</b>			0	0	16	21	22	22	81
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		100	214	50	0	0	0	0	364
<b>Total:</b>		100	214	50	0	0	0	0	364

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Meadowbrook Playfield, Field #1 Renovation

<b>BCL/Program Name:</b>	2000 Parks Levy - Development Opportunity Fund	<b>BCL/Program Code:</b>	K723008
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/2009
<b>Project ID:</b>	K733276	<b>End Date:</b>	Q1/2012
<b>Location:</b>	10533 35th AVE NE		
<b>Neighborhood Plan:</b>	North District/Lake City	<b>Neighborhood Plan Matrix:</b>	C-29
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Lake City

This project, part of the 2000 Parks levy, improves the baseball field at Meadowbrook Playfield, Field #1. Improvements include a backstop and wing fencing, regrading and reseeding the outfield, irrigation, and related elements.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	305	46	0	0	0	0	0	0	351
<b>Total:</b>	305	46	0	0	0	0	0	0	351
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	305	46	0	0	0	0	0	0	351
<b>Total*:</b>	305	46	0	0	0	0	0	0	351
<b>O &amp; M Costs (Savings)</b>			4	4	4	5	5	5	27
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		40	6	0	0	0	0	0	46
<b>Total:</b>		40	6	0	0	0	0	0	46

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### 2012 - 2017 Adopted 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>	Q4/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	140	0	0	0	0	0	140
<b>Total:</b>	0	0	140	0	0	0	0	0	140

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

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	140	0	0	0	0	0	140
<b>Total*:</b>	0	0	140	0	0	0	0	0	140

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

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	40	100	0	0	0	0	140
<b>Total:</b>		0	40	100	0	0	0	0	140

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### **2012 - 2017 Adopted 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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	550	0	0	0	0	0	550
<b>Total:</b>	0	0	550	0	0	0	0	0	550
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	550	0	0	0	0	0	550
<b>Total*:</b>	0	0	550	0	0	0	0	0	550
<b>O &amp; M Costs (Savings)</b>			0	11	12	12	12	12	59
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	100	450	0	0	0	0	550
<b>Total:</b>		0	100	450	0	0	0	0	550

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### 2012 - 2017 Adopted Capital Improvement Program



# Department of Parks and Recreation

## Municipal Energy Efficiency Program - Parks

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

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

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	356	0	0	0	0	0	356
Miscellaneous Grants or Donations	0	0	129	0	0	0	0	0	129
General Obligation Bonds	0	478	0	0	0	0	0	0	478
<b>Total:</b>	0	478	485	0	0	0	0	0	963
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	356	0	0	0	0	0	356
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	129	0	0	0	0	0	129
2011 Multipurpose LTGO Bond Fund	0	478	0	0	0	0	0	0	478
<b>Total*:</b>	0	478	485	0	0	0	0	0	963
<b>O &amp; M Costs (Savings)</b>			(36)	(70)	(70)	(70)	(70)	(70)	(386)
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	171	185	0	0	0	0	356
Cumulative Reserve Subfund - Unrestricted Subaccount		0	129	0	0	0	0	0	129
2011 Multipurpose LTGO Bond Fund		312	166	0	0	0	0	0	478
<b>Total:</b>		312	466	185	0	0	0	0	963

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	90	110	79	0	0	0	0	0	279
Real Estate Excise Tax I	242	1	0	0	0	0	0	0	243
<b>Total:</b>	332	111	79	0	0	0	0	0	522
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	90	110	79	0	0	0	0	0	279
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	242	1	0	0	0	0	0	0	243
<b>Total*:</b>	332	111	79	0	0	0	0	0	522
<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.*

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	520	5,794	0	0	0	0	0	0	6,314
<b>Total:</b>	520	5,794	0	0	0	0	0	0	6,314
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	520	5,794	0	0	0	0	0	0	6,314
<b>Total*:</b>	520	5,794	0	0	0	0	0	0	6,314
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		3,000	2,794	0	0	0	0	0	5,794
<b>Total:</b>		3,000	2,794	0	0	0	0	0	5,794

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### 2012 - 2017 Adopted 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>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project provides for 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	4,156	5,448	0	300	300	300	300	300	11,104
<b>Total:</b>	4,156	5,448	0	300	300	300	300	300	11,104
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	4,156	5,448	0	300	300	300	300	300	11,104
<b>Total*:</b>	4,156	5,448	0	300	300	300	300	300	11,104
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1,800	1,800	1,000	1,000	500	548	300	6,948
<b>Total:</b>		1,800	1,800	1,000	1,000	500	548	300	6,948

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Park Development General

<b>BCL/Program Name:</b>	2000 Parks Levy - Neighborhood Park Development	<b>BCL/Program Code:</b>	K723003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2001
<b>Project ID:</b>	K733003	<b>End Date:</b>	Q4/2012
<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, part of the 2000 Parks Levy, includes the inflation allowance for projects in the Neighborhood Park Development Program (Budget Control Level K723003.) The project funds inflation allowance and provides a contingency for projects on a case-by-case basis, subject to Department recommendations. As a project begins the planning phase, the inflation allowance is calculated and transferred from this project to the specific project budget.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	130	83	0	0	0	0	0	0	213
<b>Total:</b>	130	83	0	0	0	0	0	0	213
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	130	83	0	0	0	0	0	0	213
<b>Total*:</b>	130	83	0	0	0	0	0	0	213
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		20	20	20	20	3	0	0	83
<b>Total:</b>		20	20	20	20	3	0	0	83

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

### 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	127	32	0	0	0	0	0	0	159
<b>Total:</b>	127	32	0	0	0	0	0	0	159
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	127	32	0	0	0	0	0	0	159
<b>Total*:</b>	127	32	0	0	0	0	0	0	159
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		6	6	6	6	6	2	0	32
<b>Total:</b>		6	6	6	6	6	2	0	32

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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	102	298	200	200	200	200	200	200	1,600
<b>Total:</b>	102	298	200	200	200	200	200	200	1,600
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	102	298	200	200	200	200	200	200	1,600
<b>Total*:</b>	102	298	200	200	200	200	200	200	1,600
<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		191	307	200	200	200	200	200	1,498
<b>Total:</b>		191	307	200	200	200	200	200	1,498

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Northacres Park (Wading Pool #2) 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>	K730117	<b>End Date:</b>	Q1/2012
<b>Location:</b>	12718 1st AVE NE		
<b>Neighborhood Plan:</b>	Northgate	<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 the conversion of the Northacres 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	40	452	0	0	0	0	0	0	492
<b>Total:</b>	40	452	0	0	0	0	0	0	492
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	40	452	0	0	0	0	0	0	492
<b>Total*:</b>	40	452	0	0	0	0	0	0	492
<b>O &amp; M Costs (Savings)</b>			6	14	15	15	15	16	81
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		128	324	0	0	0	0	0	452
<b>Total:</b>		128	324	0	0	0	0	0	452

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### 2012 - 2017 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Northacres 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>	Q4/2009
<b>Project ID:</b>	K730104	<b>End Date:</b>	Q1/2012
<b>Location:</b>	12718 1st AVE NE		
<b>Neighborhood Plan:</b>	Northgate	<b>Neighborhood Plan Matrix:</b>	C25
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	Not in an Urban Village

This project will provide for replacement of play equipment, access improvements, and other related work at the Northacres 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	84	546	0	0	0	0	0	0	630
<b>Total:</b>	84	546	0	0	0	0	0	0	630
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	84	546	0	0	0	0	0	0	630
<b>Total*:</b>	84	546	0	0	0	0	0	0	630
<b>O &amp; M Costs (Savings)</b>			(7)	15	15	16	16	16	71
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		436	110	0	0	0	0	0	546
<b>Total:</b>		436	110	0	0	0	0	0	546

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Opportunity Fund Acquisitions

<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>	Q3/2002
<b>Project ID:</b>	K733175	<b>End Date:</b>	Q4/2011
<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, part of the 2000 Parks Levy, 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. When property is purchased, the pre-acquisition costs and associated budget, are transferred to the specific property project. Acquisitions will be authorized and funded through separate legislative action.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	66	961	0	0	0	0	0	0	1,027
<b>Total:</b>	66	961	0	0	0	0	0	0	1,027
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	66	961	0	0	0	0	0	0	1,027
<b>Total*:</b>	66	961	0	0	0	0	0	0	1,027
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<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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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Opportunity Fund Acquisitions- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Acquisition	<b>BCL/Program Code:</b>	K720040
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K730040	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This project provides funding to 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	13	1,005	0	0	0	0	0	0	1,018
<b>Total:</b>	13	1,005	0	0	0	0	0	0	1,018
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	13	1,005	0	0	0	0	0	0	1,018
<b>Total*:</b>	13	1,005	0	0	0	0	0	0	1,018
<b>O &amp; M Costs (Savings)</b>			5	11	12	12	12	12	64
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		900	105	0	0	0	0	0	1,005
<b>Total:</b>		900	105	0	0	0	0	0	1,005

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Opportunity Fund Development- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K730041	<b>End Date:</b>	Q4/2016
<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 Opportunity Fund projects on a case-by-case basis, subject to Department recommendations. General costs applicable to all projects, such as interest on borrowed funds, may be paid from this project. Specific projects will be authorized and funded through separate legislative action. This project is part of the 2008 Parks Levy.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	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>									
2008 Parks Levy 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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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Opportunity Fund Planning- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2016
<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 for planning and analysis work developing processes, criteria and recommendations on which projects to fund and coordinating community involvement. Funding for specific projects will be authorized and funded through separate legislative action. This project is part of the 2008 Parks Levy.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	220	5	250	0	0	0	0	0	475
<b>Total:</b>	220	5	250	0	0	0	0	0	475
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	220	5	250	0	0	0	0	0	475
<b>Total*:</b>	220	5	250	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		5	175	75	0	0	0	0	255
<b>Total:</b>		5	175	75	0	0	0	0	255

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

### 2012 - 2017 Adopted 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>	Q1/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	55	551	0	0	0	0	0	0	606
<b>Total:</b>	55	551	0	0	0	0	0	0	606
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	55	551	0	0	0	0	0	0	606
<b>Total*:</b>	55	551	0	0	0	0	0	0	606
<b>O &amp; M Costs (Savings)</b>			(16)	9	9	9	9	9	29
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		140	411	0	0	0	0	0	551
<b>Total:</b>		140	411	0	0	0	0	0	551

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

### 2012 - 2017 Adopted Capital Improvement Program

# Department of Parks and Recreation

## Parks Maintenance Facility Acquisition - Debt Service

<b>BCL/Program Name:</b>	Debt Service and Contract Obligation	<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	5,614	609	573	560	564	561	562	562	9,605
City Light Fund Revenues	281	81	80	80	55	0	0	0	577
Concession Revenues	317	40	0	0	0	0	0	0	357
City Light Fund Revenues	4,587	0	0	0	0	0	0	0	4,587
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>	11,306	730	653	640	619	561	562	562	15,633
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	5,614	609	573	560	564	561	562	562	9,605
Cumulative Reserve Subfund - Unrestricted Subaccount	281	81	80	80	55	0	0	0	577
Parks and Recreation Fund	4,904	40	0	0	0	0	0	0	4,944
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>	11,306	730	653	640	619	561	562	562	15,633
<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.*

## 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	573	573	560	564	561	562	562	3,955
Cumulative Reserve Subfund - Unrestricted Subaccount	81	80	80	55	0	0	0	296
Parks and Recreation Fund	40	0	0	0	0	0	0	40
Parks 2002 Capital Facilities Bond Fund	0	0	0	0	0	0	0	0
2002 LTGO Project	0	0	0	0	0	0	0	0
<b>Total:</b>	694	653	640	619	561	562	562	4,291

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### 2012 - 2017 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Parks Upgrade Program

<b>BCL/Program Name:</b>	Parks Upgrade Program	<b>BCL/Program Code:</b>	K72861
<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.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	508	508	508	508	508	508	508	508	4,064
<b>Total:</b>	508	508	508	508	508	508	508	508	4,064
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	508	508	508	508	508	508	508	508	4,064
<b>Total*:</b>	508	508	508	508	508	508	508	508	4,064
<b>O &amp; M Costs (Savings)</b>			41	41	42	43	44	44	255

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### 2012 - 2017 Adopted 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:</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 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	200	200	200	200	200	200	200	200	1,600
Real Estate Excise Tax I	70	0	0	0	0	0	0	0	70
<b>Total:</b>	270	200	200	200	200	200	200	200	1,670
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	200	200	200	200	200	200	200	200	1,600
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	70	0	0	0	0	0	0	0	70
<b>Total*:</b>	270	200	200	200	200	200	200	200	1,670
<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		160	240	200	200	200	200	200	1,400
<b>Total:</b>		160	240	200	200	200	200	200	1,400

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Piers 57/58 Maintenance Plan Update

<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>	Q1/2011
<b>Project ID:</b>	K732429	<b>End Date:</b>	Q1/2012
<b>Location:</b>	1301 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 fulfills the Department of Planning and Development Director's Rule that requires property owners to inspect and undertake a condition assessment on their piers every five years. This inspection/assessment will include maintenance recommendations to ensure the long term viability of the piers. If major maintenance projects are required per the assessment, future CIPs will include funding requests for them.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		80	170	0	0	0	0	0	250
<b>Total:</b>		80	170	0	0	0	0	0	250

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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	97	123	100	120	120	120	120	120	920
<b>Total:</b>	97	123	100	120	120	120	120	120	920
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	97	123	100	120	120	120	120	120	920
<b>Total*:</b>	97	123	100	120	120	120	120	120	920
<b>O &amp; M Costs (Savings)</b>			16	17	17	18	18	18	104

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Playfields- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Playfields	<b>BCL/Program Code:</b>	K720022
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K730022	<b>End Date:</b>	Q3/2011
<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 Playfields 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	75	36	0	0	0	0	0	0	111
<b>Total:</b>	75	36	0	0	0	0	0	0	111
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	75	36	0	0	0	0	0	0	111
<b>Total*:</b>	75	36	0	0	0	0	0	0	111
<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	0	0	0	0	0	0	15
<b>Total:</b>		15	0	0	0	0	0	0	15

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Puget Park - Environmental Remediation

<b>BCL/Program Name:</b>	Puget Park	<b>BCL/Program Code:</b>	K72127
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Private Funding/Donations	0	0	230	0	0	0	0	0	230
General Subfund Revenues	151	18	0	0	0	0	0	0	169
Private Funding/Donations	60	391	0	0	0	0	0	0	451
<b>Total:</b>	211	409	230	0	0	0	0	0	850
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	230	0	0	0	0	0	230
Emergency Subfund	151	18	0	0	0	0	0	0	169
Parks and Recreation Fund	60	391	0	0	0	0	0	0	451
<b>Total*:</b>	211	409	230	0	0	0	0	0	850
<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	20	20	20	20	20	20	120
Emergency Subfund		18	0	0	0	0	0	0	18
Parks and Recreation Fund		230	0	0	0	0	0	0	230
<b>Total:</b>		248	20	20	20	20	20	20	368

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### 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	70	0	0	0	0	0	0	70
<b>Total:</b>	0	70	0	0	0	0	0	0	70
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	70	0	0	0	0	0	0	70
<b>Total*:</b>	0	70	0	0	0	0	0	0	70
<b>O &amp; M Costs (Savings)</b>			0	9	9	10	10	10	48
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		20	50	0	0	0	0	0	70
<b>Total:</b>		20	50	0	0	0	0	0	70

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Queen Anne Pool Plaster Liner Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	140	0	0	0	0	0	140
<b>Total:</b>	0	0	140	0	0	0	0	0	140

#### Fund Appropriations/Allocations

2008 Parks Levy Fund	0	0	140	0	0	0	0	0	140
<b>Total*:</b>	0	0	140	0	0	0	0	0	140

#### Spending Plan by Fund

2008 Parks Levy Fund	0	30	110	0	0	0	0	140
<b>Total:</b>	0	30	110	0	0	0	0	140

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### 2012 - 2017 Adopted 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>	Q3/2013
<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	100	0	0	0	0	0	0	0	100
Real Estate Excise Tax I	44	3	0	0	0	0	0	0	47
General Obligation Bonds	1,737	5,263	0	0	0	0	0	0	7,000
General Obligation Bonds	0	4,500	0	0	0	0	0	0	4,500
General Obligation Bonds	0	0	6,726	0	0	0	0	0	6,726
General Obligation Bonds	0	0	0	6,600	0	0	0	0	6,600
<b>Total:</b>	1,881	9,766	6,726	6,600	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	44	3	0	0	0	0	0	0	47
2009 Multipurpose LTGO Bond Fund	1,737	5,263	0	0	0	0	0	0	7,000
2011 Multipurpose LTGO Bond Fund	0	4,500	0	0	0	0	0	0	4,500
2012 Multipurpose LTGO Bond Fund	0	0	6,726	0	0	0	0	0	6,726
Future Bond Funds	0	0	0	6,600	0	0	0	0	6,600
<b>Total*:</b>	1,881	9,766	6,726	6,600	0	0	0	0	24,973
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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	3	0	0	0	0	0	0	3
2009 Multipurpose LTGO Bond Fund	5,263	0	0	0	0	0	0	5,263
2011 Multipurpose LTGO Bond Fund	1,844	2,656	0	0	0	0	0	4,500
2012 Multipurpose LTGO Bond Fund	0	6,646	80	0	0	0	0	6,726
Future Bond Funds	0	0	6,600	0	0	0	0	6,600
<b>Total:</b>	7,110	9,302	6,680	0	0	0	0	23,092

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Rainier Beach Playfield Play Area Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	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, 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	300	0	0	0	0	0	300
<b>Total:</b>	0	0	300	0	0	0	0	0	300

#### Fund Appropriations/Allocations

2008 Parks Levy Fund	0	0	300	0	0	0	0	0	300
<b>Total*:</b>	0	0	300	0	0	0	0	0	300

#### Spending Plan by Fund

2008 Parks Levy Fund	0	75	225	0	0	0	0	0	300
<b>Total:</b>	0	75	225	0	0	0	0	0	300

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### 2012 - 2017 Adopted 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 Development	<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
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#### Revenue Sources

Seattle Voter-Approved Levy	0	0	1,300	0	0	0	0	0	1,300
<b>Total:</b>	0	0	1,300	0	0	0	0	0	1,300

#### Fund Appropriations/Allocations

2008 Parks Levy Fund	0	0	1,300	0	0	0	0	0	1,300
<b>Total*:</b>	0	0	1,300	0	0	0	0	0	1,300

#### Spending Plan by Fund

2008 Parks Levy Fund	0	300	1,000	0	0	0	0	0	1,300
<b>Total:</b>	0	300	1,000	0	0	0	0	0	1,300

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### 2012 - 2017 Adopted 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 Development	<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>	Q2/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	500	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	500	0	0	0	0	0	0	500
<b>Total*:</b>	0	500	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		200	250	50	0	0	0	0	500
<b>Total:</b>		200	250	50	0	0	0	0	500

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

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Rainier 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>	Q2/2010
<b>Project ID:</b>	K730109	<b>End Date:</b>	Q1/2012
<b>Location:</b>	3700 S Alaska ST		
<b>Neighborhood Plan:</b>	Columbia City/Hillman City	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Columbia City

This project will provide for replacement of play equipment, access improvements, and other work at this existing 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	55	545	0	0	0	0	0	0	600
<b>Total:</b>	55	545	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	55	545	0	0	0	0	0	0	600
<b>Total*:</b>	55	545	0	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			(7)	26	26	27	27	28	127
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		453	92	0	0	0	0	0	545
<b>Total:</b>		453	92	0	0	0	0	0	545

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### 2012 - 2017 Adopted 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>	Q2/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	416	0	0	0	0	0	0	416
<b>Total:</b>	0	416	0	0	0	0	0	0	416
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	416	0	0	0	0	0	0	416
<b>Total*:</b>	0	416	0	0	0	0	0	0	416
<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		234	182	0	0	0	0	0	416
<b>Total:</b>		234	182	0	0	0	0	0	416

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	96	424	220	225	225	225	225	225	1,865
Real Estate Excise Tax I	0	69	0	0	0	0	0	0	69
<b>Total:</b>	96	493	220	225	225	225	225	225	1,934
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	96	424	220	225	225	225	225	225	1,865
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	69	0	0	0	0	0	0	69
<b>Total*:</b>	96	493	220	225	225	225	225	225	1,934
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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>	Q4/2012
<b>Location:</b>	2850 SW Roxbury ST	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Westwood & Highland Park	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Delridge		

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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	450	0	0	0	0	0	0	450
<b>Total:</b>	0	450	0	0	0	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	450	0	0	0	0	0	0	450
<b>Total*:</b>	0	450	0	0	0	0	0	0	450
<b>O &amp; M Costs (Savings)</b>			2	12	12	12	13	13	64
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		64	386	0	0	0	0	0	450
<b>Total:</b>		64	386	0	0	0	0	0	450

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### 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	600	0	0	0	0	0	0	600
<b>Total:</b>	0	600	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	600	0	0	0	0	0	0	600
<b>Total*:</b>	0	600	0	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			2	12	13	13	13	14	67
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		88	512	0	0	0	0	0	600
<b>Total:</b>		88	512	0	0	0	0	0	600

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### 2012 - 2017 Adopted 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 Development	<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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	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		100	250	0	0	0	0	0	350
<b>Total:</b>		100	250	0	0	0	0	0	350

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**2012 - 2017 Adopted 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

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	4,500	0	0	0	4,500	0	0	9,000
<b>Total:</b>	0	4,500	0	0	0	4,500	0	0	9,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	4,500	0	0	0	4,500	0	0	9,000
<b>Total*:</b>	0	4,500	0	0	0	4,500	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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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	600	0	0	0	0	0	0	0	600
Real Estate Excise Tax I	129	1,212	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>	817	1,283	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	129	1,212	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>	817	1,283	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 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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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	423	93	95	98	101	104	111	114	1,139
<b>Total:</b>	423	93	95	98	101	104	111	114	1,139
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	423	93	95	98	101	104	111	114	1,139
<b>Total*:</b>	423	93	95	98	101	104	111	114	1,139
<b>O &amp; M Costs (Savings)</b>			7	11	11	12	12	12	65

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Seward Park Water System Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	2,200	0	0	0	0	0	2,200
<b>Total:</b>	0	0	2,200	0	0	0	0	0	2,200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	2,200	0	0	0	0	0	2,200
<b>Total*:</b>	0	0	2,200	0	0	0	0	0	2,200
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	500	1,700	0	0	0	0	2,200
<b>Total:</b>		0	500	1,700	0	0	0	0	2,200

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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	14	262	75	75	75	0	0	0	501
<b>Total:</b>	14	262	75	75	75	0	0	0	501
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	14	262	75	75	75	0	0	0	501
<b>Total*:</b>	14	262	75	75	75	0	0	0	501
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		114	110	110	110	43	0	0	487
<b>Total:</b>		114	110	110	110	43	0	0	487

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### 2012 - 2017 Adopted 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>	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>	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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	335	31	0	0	0	0	0	0	366
Miscellaneous Grants or Donations	10	0	0	0	0	0	0	0	10
<b>Total:</b>	345	31	0	0	0	0	0	0	376
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	335	31	0	0	0	0	0	0	366
Cumulative Reserve Subfund - Unrestricted Subaccount	10	0	0	0	0	0	0	0	10
<b>Total*:</b>	345	31	0	0	0	0	0	0	376
<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		5	26	0	0	0	0	0	31
<b>Total:</b>		5	26	0	0	0	0	0	31

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### South Park Community Center Siding Repair

<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>	K732430	<b>End Date:</b>	Q1/2012
<b>Location:</b>	8319 8th AVE S		
<b>Neighborhood Plan:</b>	South Park	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	South Park

This project repairs the exterior siding of the South Park Community Center. The existing siding will be replaced with either stucco or a stucco-like material to eliminate rotting and prevent building envelope deterioration due to water intrusion. These improvements will extend the useful life of the community center and protect the building from water damage.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		138	62	0	0	0	0	0	200
<b>Total:</b>		138	62	0	0	0	0	0	200

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
State Interlocal Revenues	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>									
Cumulative Reserve Subfund - Unrestricted Subaccount	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>									
Cumulative Reserve Subfund - Unrestricted Subaccount		300	50	0	0	0	0	0	350
<b>Total:</b>		300	50	0	0	0	0	0	350

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Stan Sayres Park Finger Piers 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>	K732438	<b>End Date:</b>	Q4/2012
<b>Location:</b>	3808 LakeWashington 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 the two finger southeaster finger piers at Stan Sayres Park. A wave screen or similar barrier will be affixed to the pier to allow small boats to be launched and retrieved from the dock without having parts of the boats go under the dock and potentially hitting the piling. The screens were removed from the piers when they were renovated in 2010, but they were not able to be replaced due to permitting conditions and budget. The addition of the screen will improve boater safety.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
King County Funds	0	0	60	0	0	0	0	0	60
<b>Total:</b>	0	0	60	0	0	0	0	0	60
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	0	60	0	0	0	0	0	60
<b>Total*:</b>	0	0	60	0	0	0	0	0	60
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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:</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 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	84	66	50	50	50	50	50	50	450
<b>Total:</b>	84	66	50	50	50	50	50	50	450
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	84	66	50	50	50	50	50	50	450
<b>Total*:</b>	84	66	50	50	50	50	50	50	450
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Trails Renovation Program

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

This ongoing project implements a comprehensive trail renovation strategy. Funding addresses trail failures throughout the park system to correct safety problems, prevent further erosion and deterioration, and perform other related work. The project leverages community support by providing technical assistance, training, and materials to district staff and volunteers who are engaged in other trail-related projects. This project was formerly project number K73513. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	325	325	325	325	325	325	1,950
Real Estate Excise Tax I	249	401	0	0	0	0	0	0	650
<b>Total:</b>	249	401	325	325	325	325	325	325	2,600
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	325	325	325	325	325	325	1,950
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	249	401	0	0	0	0	0	0	650
<b>Total*:</b>	249	401	325	325	325	325	325	325	2,600
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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 Development	<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>	Q4/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	685	0	0	0	0	0	0	685
<b>Total:</b>	0	685	0	0	0	0	0	0	685
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	685	0	0	0	0	0	0	685
<b>Total*:</b>	0	685	0	0	0	0	0	0	685
<b>O &amp; M Costs (Savings)</b>			0	0	19	26	26	27	98
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	300	385	0	0	0	0	685
<b>Total:</b>		0	300	385	0	0	0	0	685

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### University Heights - South Lot Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q2/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	747	0	0	0	0	0	0	747
<b>Total:</b>	0	747	0	0	0	0	0	0	747
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	747	0	0	0	0	0	0	747
<b>Total*:</b>	0	747	0	0	0	0	0	0	747
<b>O &amp; M Costs (Savings)</b>			0	2	6	6	7	7	28
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		200	447	100	0	0	0	0	747
<b>Total:</b>		200	447	100	0	0	0	0	747

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### 2012 - 2017 Adopted 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>	Q1/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	24	230	0	0	0	0	0	0	254
<b>Total:</b>	24	230	0	0	0	0	0	0	254
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	24	230	0	0	0	0	0	0	254
<b>Total*:</b>	24	230	0	0	0	0	0	0	254
<b>O &amp; M Costs (Savings)</b>			23	23	24	25	25	26	146
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		84	100	46	0	0	0	0	230
<b>Total:</b>		84	100	46	0	0	0	0	230

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### 2012 - 2017 Adopted 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:</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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	139	193	186	186	186	186	186	186	1,448
<b>Total:</b>	139	193	186	186	186	186	186	186	1,448
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	139	193	186	186	186	186	186	186	1,448
<b>Total*:</b>	139	193	186	186	186	186	186	186	1,448
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,051	849	583	1,450	1,800	1,800	1,800	1,800	11,133
Real Estate Excise Tax I	1,498	2	0	0	0	0	0	0	1,500
King County Funds	123	0	0	0	0	0	0	0	123
<b>Total:</b>	2,672	851	583	1,450	1,800	1,800	1,800	1,800	12,756
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,051	849	583	1,450	1,800	1,800	1,800	1,800	11,133
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,498	2	0	0	0	0	0	0	1,500
Cumulative Reserve Subfund - Unrestricted Subaccount	123	0	0	0	0	0	0	0	123
<b>Total*:</b>	2,672	851	583	1,450	1,800	1,800	1,800	1,800	12,756
<b>O &amp; M Costs (Savings)</b>			205	379	387	394	402	410	2,177
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		829	603	1,450	1,800	1,800	1,800	1,800	10,082
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		2	0	0	0	0	0	0	2
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
<b>Total:</b>		831	603	1,450	1,800	1,800	1,800	1,800	10,084

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## 2012 - 2017 Adopted 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>	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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1,633	1,567	100	100	100	0	0	0	3,500
<b>Total:</b>	1,633	1,567	100	100	100	0	0	0	3,500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	1,633	1,567	100	100	100	0	0	0	3,500
<b>Total*:</b>	1,633	1,567	100	100	100	0	0	0	3,500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		957	710	100	100	0	0	0	1,867
<b>Total:</b>		957	710	100	100	0	0	0	1,867

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### 2012 - 2017 Adopted 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>	Q4/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	239	361	0	0	0	0	0	0	600
<b>Total:</b>	239	361	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	239	361	0	0	0	0	0	0	600
<b>Total*:</b>	239	361	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		80	80	80	80	41	0	0	361
<b>Total:</b>		80	80	80	80	41	0	0	361

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	789	96	95	95	95	95	95	95	1,455
Miscellaneous Grants or Donations	18	7	0	0	0	0	0	0	25
<b>Total:</b>	807	103	95	95	95	95	95	95	1,480
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	789	96	95	95	95	95	95	95	1,455
Cumulative Reserve Subfund - Unrestricted Subaccount	18	7	0	0	0	0	0	0	25
<b>Total*:</b>	807	103	95	95	95	95	95	95	1,480
<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.*

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
State Grant Funds	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 - Unrestricted 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 - Unrestricted Subaccount		31	200	200	69	0	0	0	500
<b>Total:</b>		31	200	200	69	0	0	0	500

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
General Subfund Revenues	111	0	0	0	0	0	0	0	111
Real Estate Excise Tax II	702	116	250	250	250	250	250	250	2,318
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Miscellaneous Grants or Donations	500	216	105	105	105	105	105	250	1,491
<b>Total:</b>	1,313	332	355	355	355	355	355	500	3,920
<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	702	116	250	250	250	250	250	250	2,318
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount	500	216	105	105	105	105	105	250	1,491
<b>Total*:</b>	1,313	332	355	355	355	355	355	500	3,920
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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 Development	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	K730175	<b>End Date:</b>	Q4/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	225	0	0	0	0	0	225
<b>Total:</b>	0	0	225	0	0	0	0	0	225
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	225	0	0	0	0	0	225
<b>Total*:</b>	0	0	225	0	0	0	0	0	225
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	25	200	0	0	0	0	225
<b>Total:</b>		0	25	200	0	0	0	0	225

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	400	1,200	0	0	0	1,600
<b>Total:</b>	0	0	0	400	1,200	0	0	0	1,600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	0	400	1,200	0	0	0	1,600
<b>Total*:</b>	0	0	0	400	1,200	0	0	0	1,600
<b>O &amp; M Costs (Savings)</b>			0	0	0	10	10	10	30
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	0	300	1,000	300	0	0	1,600
<b>Total:</b>		0	0	300	1,000	300	0	0	1,600

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### 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	600	0	0	0	0	0	800
<b>Total:</b>	0	200	600	0	0	0	0	0	800
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	200	600	0	0	0	0	0	800
<b>Total*:</b>	0	200	600	0	0	0	0	0	800
<b>O &amp; M Costs (Savings)</b>			3	17	17	17	18	18	90
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		92	500	208	0	0	0	0	800
<b>Total:</b>		92	500	208	0	0	0	0	800

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Walt Hundley Playfield Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	K730157	<b>End Date:</b>	Q1/2012
<b>Location:</b>	6920 34th AVE SW		
<b>Neighborhood Plan:</b>	Westwood & Highland Park	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	Highland Park

This project, part of the 2008 Parks Levy Opportunity Fund, converts the existing sand-silt all-weather athletic field surface on Walt Hundley Playfield to an artificial turf surface. These improvements extend the useful life of the field.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Total*:</b>	0	1,000	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>									
2008 Parks Levy Fund		900	100	0	0	0	0	0	1,000
<b>Total:</b>		900	100	0	0	0	0	0	1,000

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	583	935	1,018	0	0	0	0	0	2,536
Private Funding/Donations	281	9	0	0	0	0	0	0	290
<b>Total:</b>	864	944	1,018	0	0	0	0	0	2,826
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	864	944	1,018	0	0	0	0	0	2,826
<b>Total*:</b>	864	944	1,018	0	0	0	0	0	2,826
<b>O &amp; M Costs (Savings)</b>			0	63	66	74	76	77	356
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		101	800	1,061	0	0	0	0	1,962
<b>Total:</b>		101	800	1,061	0	0	0	0	1,962

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Washington Park Playfield Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund Development	<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>	Q4/2012
<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, converts 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	2,400	0	0	0	0	0	0	2,400
<b>Total:</b>	0	2,400	0	0	0	0	0	0	2,400
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	2,400	0	0	0	0	0	0	2,400
<b>Total*:</b>	0	2,400	0	0	0	0	0	0	2,400
<b>O &amp; M Costs (Savings)</b>			0	6	1	1	1	1	10
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1,000	1,400	0	0	0	0	0	2,400
<b>Total:</b>		1,000	1,400	0	0	0	0	0	2,400

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### 2012 - 2017 Adopted 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>	Q3/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	207	2,827	0	0	0	0	0	0	3,034
<b>Total:</b>	207	2,827	0	0	0	0	0	0	3,034
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	207	2,827	0	0	0	0	0	0	3,034
<b>Total*:</b>	207	2,827	0	0	0	0	0	0	3,034
<b>O &amp; M Costs (Savings)</b>			(124)	140	0	0	0	0	16
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		248	2,000	579	0	0	0	0	2,827
<b>Total:</b>		248	2,000	579	0	0	0	0	2,827

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### 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	350	0	0	0	0	0	350
<b>Total:</b>	0	0	350	0	0	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	350	0	0	0	0	0	350
<b>Total*:</b>	0	0	350	0	0	0	0	0	350
<b>O &amp; M Costs (Savings)</b>			0	11	11	12	12	12	58
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	100	250	0	0	0	0	350
<b>Total:</b>		0	100	250	0	0	0	0	350

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### 2012 - 2017 Adopted 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 (now Center House) 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 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., Center House and Memorial Stadium). Still others, like KeyArena (originally constructed as the Washington State Pavilion for the 1962 World's Fair, transformed into the Seattle Center Coliseum after the fair, and reconstructed as KeyArena in 1994-5) have been renovated over the years, but need significant investment to remain competitive in the increasingly competitive sports, entertainment, and events marketplace in which Seattle Center operates.

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 Program (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 us together as a 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 has, 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 Adopted 2012 CIP is \$3.9 million. The 2013 to 2017 Seattle Center CIP spending plan averages \$7.4 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 Department's CIP spending accordingly.

The most pressing CIP project in the short-term relates to the 50<sup>th</sup> anniversary celebration of the 1962 Seattle World's Fair, which will take place at Seattle Center from April 21 – October 21, 2012. This project, the Center House food court renovation, is planned to be completed in time for the 50<sup>th</sup> anniversary celebration. Major construction projects will not occur between April and October 2012. As a

### 2012 - 2017 Adopted Capital Improvement Program

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.

Included in the final CIP Adopted Budget of \$3.9 million is \$721,000 in funding for Americans with Disabilities Act (ADA) improvements. This addition was the result of a citywide prioritization process in which the Council reallocated \$2 million of funding, which was previously held in a Finance and Administrative Services (FAS) reserve, for ADA improvements. This funding will allow for updates or modifications to various facilities for compliance with the standards contained in ADA.

## 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 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 2012 dollars. Center's annual CIP spending over the last six years has averaged \$8.3M (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) and 2007 (monorail rehabilitation). The 2003 bond is being repaid with REET funds, and the 2007 monorail bond through Cumulative Reserve Subfund (CRS) Unrestricted funds and Federal Transit Administration (FTA) capital grant 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. Regular infusions of significant funding are unlikely however, and it will be challenging to prioritize available resources amongst Seattle Center's capital needs.

Seattle Center's REET and CRS funding over the last four years (exclusive of debt service) has dropped from \$2.8M to less than \$1M per year, and one-time funding sources (land sale to Gates Foundation, KeyArena Settlement Funds) are mostly expended. In 2012, REET and CRS Unrestricted funding for major maintenance/asset preservation, exclusive of debt service, is less than \$500,000. Another important part of Seattle Center capital funding is the intermittent infusion of a significant amount of capital dollars every 7-10 years from a bond issue (1977, 1984) or a levy (1991, 1999). While a levy is not contemplated at this time, Seattle Center hopes that the 50th anniversary celebration of the 1962 World's Fair in 2012 will be the impetus for the next major infusion of private capital funding for Seattle Center.

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. 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

Center House Food Court (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 CIP are as follows:

Asset Preservation – With very limited funding in recent years and into 2012, due to the dramatic reduction in REET revenues, Seattle Center prioritized asset preservation for our primary public assembly facilities – McCaw Hall, KeyArena, and campus open spaces. Consistent with the City's 2003 Asset Preservation Study, Center has prioritized asset preservation spending on newer facilities. The level in its 2012 CIP is below the recommended levels of the 2003 study. Allocations for asset preservation are shown as increased to more sustainable levels in the out years, 2013-17, but actual funding levels will depend on available resources. In 2012, asset preservation allocations are limited to small amounts for Open Space, McCaw Hall, Artwork Maintenance, and Preliminary Engineering and Planning.

Implementation of the Seattle Center Century 21 Master Plan – The one large project funded in Seattle Center's 2011 and 2012 CIP is renovation of the food court in Center House. This project, which is funded through REET, will make improvements that realize a first phase of the vision for Center House in the 2008 Master Plan. This project supports another key theme of the 2012 CIP, as it supports additional revenue generation from the food court.

Sustainability – Sustainability is a key principle of the Seattle Center Century 21 Master Plan, as well as one of eight strategic initiatives of the Seattle Center Strategic Plan – "Destination 2012." In 2012, Seattle Center continues to carry out a series of energy efficiency projects in multiple campus facilities.

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 department'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 addition to the Center House master plan improvements, asset preservation investments in KeyArena and McCaw Hall, as well as federal grant funded renovations to the monorail, support Seattle Center operating revenues.

Leverage Non-City Funds – In McCaw Hall, the City's \$200,000 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. In addition, a portion of monorail system revenues provide the 20% local match for Federal Transit Administration capital grant funds for monorail renovation. 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

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

#### 2012 - 2017 Adopted Capital Improvement Program

groups, and then a group of managers and directors work to prioritize projects across the department. 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, plus additional projects, in case additional funds become available.

To allocate limited major maintenance funding, we prioritize projects which cannot be delayed due to safety concerns or system failure, and allocate some level of annual asset preservation investment in our major public assembly facilities, including McCaw Hall, KeyArena, Fisher Pavilion, Center House, and campus grounds. Examples in the 2012 – 2017 Adopted Budget of major maintenance projects include McCaw Hall Asset Preservation Fund spending to replace theatrical systems and components, and Open Space Restoration and Repair, which, in 2012, includes hard surface repairs in the North Fun Forest area.

### **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 as potential projects for consideration, funding for which will depend on available resources:

- Memorial Stadium Property Acquisition (\$45 million)
- Memorial Stadium Site Redevelopment (\$188.5 million)
- Development of the North Fun Forest area (\$7.8 million)
- Northwest Rooms (technology infrastructure for KEXP and courtyard repairs, \$0.65 million)
- Center House Meeting Rooms Improvements (\$2.6 million)
- KeyArena Major Maintenance (\$20 million)

### **City Council Provisos to the CIP**

There are no Council provisos.

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>Bagley Wright Theatre Maintenance Fund</b>					<b>BCL/Program Code:</b>				<b>S9606</b>
Bagley Wright Theatre Maintenance Fund (S9606)	1,448	25	0	0	0	0	0	0	1,473
<b>Bagley Wright Theatre Maintenance Fund</b>	1,448	25	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)	677	64	721	73	76	80	83	86	1,860
Artwork Maintenance (S9303)	329	106	30	51	53	56	58	60	743
Fun Forest Site Restoration (S0901)	722	192	0	1,000	0	0	0	0	1,914
General Site Improvements (S0305)	2,167	235	0	194	203	213	221	229	3,462
Hazardous Materials Abatement (S86718)	285	0	0	50	50	50	50	50	535
Open Space Restoration and Repair (S9704)	5,954	1,302	118	450	450	450	450	450	9,624
Preliminary Engineering and Planning (S9706)	872	259	75	100	100	100	100	100	1,706
Seattle Center Long Range Investment Plan (S0703)	1,183	181	0	0	0	0	0	0	1,364
Site Signage (S9118)	2,470	612	0	100	100	100	100	100	3,582
<b>Campuswide Improvements and Repairs</b>	14,659	2,951	944	2,018	1,032	1,049	1,062	1,075	24,790
<b>Center House Rehabilitation</b>					<b>BCL/Program Code:</b>				<b>S9113</b>
Center House Food Court Renovation (S1001)	0	3,400	0	0	0	0	0	0	3,400
Center House Food Court Renovation - Debt Service (S1002)	0	62	381	384	384	380	381	382	2,354
Center House Rehabilitation (S9113)	11,649	736	0	500	523	549	571	589	15,117
<b>Center House Rehabilitation</b>	11,649	4,198	381	884	907	929	952	971	20,871
<b>Facility Infrastructure Renovation and Repair</b>					<b>BCL/Program Code:</b>				<b>S03P02</b>
Roof/Structural Replacement and Repair (S9701)	8,440	226	0	147	154	162	168	174	9,471
Roof/Structural Replacement and Repair - Debt Service (S0304)	5,581	783	784	779	0	0	0	0	7,927
<b>Facility Infrastructure Renovation and Repair</b>	14,021	1,009	784	926	154	162	168	174	17,398

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>Fisher Pavilion</b>									<b>BCL/Program Code: S9705</b>
Fisher Pavilion Asset Preservation Fund (S0701)	21	49	0	234	245	257	267	276	1,349
<b>Fisher Pavilion</b>	21	49	0	234	245	257	267	276	1,349
<b>KeyArena</b>									<b>BCL/Program Code: S03P04</b>
KeyArena Improvements & Repairs (S9901)	2,352	1,224	0	500	523	549	571	589	6,308
<b>KeyArena</b>	2,352	1,224	0	500	523	549	571	589	6,308
<b>Lot 2 Development Project</b>									<b>BCL/Program Code: S0501</b>
Lot 2 Development (S0501)	5,192	1,408	0	0	0	0	0	0	6,600
<b>Lot 2 Development Project</b>	5,192	1,408	0	0	0	0	0	0	6,600
<b>McCaw Hall Maintenance Fund</b>									<b>BCL/Program Code: S0303</b>
McCaw Hall Asset Preservation Fund (S0303)	353	847	400	2,019	1,188	779	546	595	6,727
<b>McCaw Hall Maintenance Fund</b>	353	847	400	2,019	1,188	779	546	595	6,727
<b>Monorail Improvements</b>									<b>BCL/Program Code: S9403</b>
Monorail Improvements (S9403)	11,609	1,793	769	769	769	769	769	769	18,016
Monorail Improvements Debt Service (S0702)	1,744	550	550	549	548	550	551	550	5,592
<b>Monorail Improvements</b>	13,353	2,343	1,319	1,318	1,317	1,319	1,320	1,319	23,608
<b>Parking Repairs and Improvements</b>									<b>BCL/Program Code: S0301</b>
Parking Repairs and Improvements (S0301)	1,069	241	0	915	197	207	215	222	3,066
<b>Parking Repairs and Improvements</b>	1,069	241	0	915	197	207	215	222	3,066
<b>Public Gathering Space Improvements</b>									<b>BCL/Program Code: S9902</b>
Public Gathering Space Improvements (S9902)	2,892	132	50	291	300	311	319	327	4,622
<b>Public Gathering Space Improvements</b>	2,892	132	50	291	300	311	319	327	4,622
<b>Theatre District Improvements</b>									<b>BCL/Program Code: S0103</b>
Theatre District Improvements (S0103)	5,951	47	0	0	0	0	0	0	5,998
<b>Theatre District Improvements</b>	5,951	47	0	0	0	0	0	0	5,998

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program



## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>Theatre Improvements and Repairs</b>					<b>BCL/Program Code:</b>				<b>S9604</b>
SIFF Tenant Improvements (S0601)	388	1,487	0	0	0	0	0	0	1,875
Theatre Improvements and Repairs (S9604)	3,634	208	0	605	621	640	655	668	7,031
<b>Theatre Improvements and Repairs</b>	4,022	1,695	0	605	621	640	655	668	8,906
<b>Utility Infrastructure</b>					<b>BCL/Program Code:</b>				<b>S03P03</b>
Municipal Energy Efficiency Program (S1003)	0	510	0	0	0	0	0	0	510
Utility Infrastructure Master Plan & Repairs (S0101)	4,260	114	0	378	395	415	431	446	6,439
<b>Utility Infrastructure</b>	4,260	624	0	378	395	415	431	446	6,949
<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	50	50	50	50	50	545
<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>	295	0	0	50	50	50	50	50	545
<b>Department Total*:</b>	81,537	16,793	3,878	10,138	6,929	6,667	6,556	6,712	139,210

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program



## Seattle Center

### Fund Summary

Fund Name & Code	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	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)	5,025	241	0	0	0	0	0	0	5,266
2011 Multipurpose LTGO Bond Fund (35500)	0	3,910	0	0	0	0	0	0	3,910
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)	18,032	4,047	2,079	3,898	3,039	3,115	3,182	3,240	40,632
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)	20,590	2,744	1,399	2,538	1,537	1,539	1,540	1,539	33,426
KeyArena Settlement Proceeds Fund (00138)	3,774	1,016	0	0	0	0	0	0	4,790
McCaw Hall Capital Reserve (34070)	53	847	400	500	500	524	546	564	3,934
Private Resources (NA)	225	1,300	0	0	0	0	0	0	1,525
Seattle Center Capital Reserve Subfund (34060)	12,691	2,688	0	0	0	0	0	0	15,379
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	3,202	1,853	1,489	1,288	1,369	10,604
<b>Department Total*:</b>	<b>81,537</b>	<b>16,793</b>	<b>3,878</b>	<b>10,138</b>	<b>6,929</b>	<b>6,667</b>	<b>6,556</b>	<b>6,712</b>	<b>139,210</b>

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	175	0	0	0	0	0	0	0	175
Real Estate Excise Tax I	261	64	721	0	0	0	0	0	1,046
Property Sales and Interest Earnings	241	0	0	0	0	0	0	0	241
To be determined	0	0	0	73	76	80	83	86	398
<b>Total:</b>	677	64	721	73	76	80	83	86	1,860
<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	261	64	721	0	0	0	0	0	1,046
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
<b>Total*:</b>	677	64	721	0	0	0	0	0	1,462
<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		24	721	0	0	0	0	0	745
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
To Be Determined		0	0	73	76	80	83	86	398
<b>Total:</b>		24	721	73	76	80	83	86	1,143

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

### 2012 - 2017 Adopted Capital Improvement Program

## Seattle Center

### Artwork Maintenance

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

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

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	31	0	0	0	0	0	0	0	31
Private Funding/Donations	0	5	0	0	0	0	0	0	5
Property Sales and Interest Earnings	298	101	30	30	30	30	30	30	579
To be determined	0	0	0	21	23	26	28	30	128
<b>Total:</b>	329	106	30	51	53	56	58	60	743
<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	298	106	30	30	30	30	30	30	584
<b>Total*:</b>	329	106	30	30	30	30	30	30	615
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		60	63	43	30	30	30	30	286
To Be Determined		0	0	21	23	26	28	30	128
<b>Total:</b>		60	63	64	53	56	58	60	414

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

### **2012 - 2017 Adopted 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>	Q4/2011
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	1,448	25	0	0	0	0	0	0	1,473
<b>Total:</b>	1,448	25	0	0	0	0	0	0	1,473
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,448	25	0	0	0	0	0	0	1,473
<b>Total*:</b>	1,448	25	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	18	0	0	0	0	0	25
<b>Total:</b>		7	18	0	0	0	0	0	25

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

**2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	3,400	0	0	0	0	0	0	3,400
<b>Total:</b>	0	3,400	0	0	0	0	0	0	3,400

**Fund Appropriations/Allocations**

2011 Multipurpose LTGO Bond Fund	0	3,400	0	0	0	0	0	0	3,400
<b>Total*:</b>	0	3,400	0	0	0	0	0	0	3,400

**Spending Plan by Fund**

2011 Multipurpose LTGO Bond Fund	1,764	1,636	0	0	0	0	0	0	3,400
<b>Total:</b>	1,764	1,636	0	0	0	0	0	0	3,400

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

**2012 - 2017 Adopted 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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	62	381	384	384	380	381	382	2,354
<b>Total:</b>	0	62	381	384	384	380	381	382	2,354
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	62	381	384	384	380	381	382	2,354
<b>Total*:</b>	0	62	381	384	384	380	381	382	2,354

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

**2012 - 2017 Adopted Capital Improvement Program**

**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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,322	736	0	500	523	549	571	589	4,790
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>	11,649	736	0	500	523	549	571	589	15,117
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,322	736	0	500	523	549	571	589	4,790
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>	8,649	736	0	500	523	549	571	589	12,117
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2012 - 2017 Adopted Capital Improvement Program**

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	130	606	500	523	549	571	589	3,468
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	0	0	0	0	0	0	0	0
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
Center House Merchants' Association Resources	0	0	0	0	0	0	0	0
<b>Total:</b>	130	606	500	523	549	571	589	3,468

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	21	49	0	35	35	35	35	35	245
To be determined	0	0	0	199	210	222	232	241	1,104
<b>Total:</b>	21	49	0	234	245	257	267	276	1,349
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	21	49	0	35	35	35	35	35	245
<b>Total*:</b>	21	49	0	35	35	35	35	35	245
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		6	43	35	35	35	35	35	224
To Be Determined		0	0	199	210	222	232	241	1,104
<b>Total:</b>		6	43	234	245	257	267	276	1,328

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**2012 - 2017 Adopted Capital Improvement Program**

**Fun Forest Site Restoration**

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	S0901	<b>End Date:</b>	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>	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, and renovation and repurposing of existing structures.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	722	192	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	0	1,000	0	0	0	0	1,000
<b>Total:</b>	722	192	0	1,000	0	0	0	0	1,914
<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	722	192	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	0	1,000	0	0	0	0	1,000
<b>Total*:</b>	722	192	0	1,000	0	0	0	0	1,914
<b>O &amp; M Costs (Savings)</b>			50	50	50	50	50	0	250
<b>Spending Plan by Fund</b>									
KeyArena Settlement Proceeds Fund		92	100	0	0	0	0	0	192
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	1,000	0	0	0	0	1,000
<b>Total:</b>		92	100	1,000	0	0	0	0	1,192

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	680	0	0	50	50	50	50	50	930
Federal Grant Funds	615	0	0	0	0	0	0	0	615
General Subfund Revenues	157	21	0	0	0	0	0	0	178
Property Sales and Interest Earnings-2	606	214	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	144	153	163	171	179	810
<b>Total:</b>	2,167	235	0	194	203	213	221	229	3,462
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	680	0	0	50	50	50	50	50	930
Cumulative Reserve Subfund - Unrestricted Subaccount	772	21	0	0	0	0	0	0	793
Seattle Center Capital Reserve Subfund	606	214	0	0	0	0	0	0	820
2002B LTGO Capital Project Fund	109	0	0	0	0	0	0	0	109
<b>Total*:</b>	2,167	235	0	50	50	50	50	50	2,652
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### **2012 - 2017 Adopted Capital Improvement Program**

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	50	50	50	50	50	250
Cumulative Reserve Subfund - Unrestricted Subaccount	15	6	0	0	0	0	0	21
Seattle Center Capital Reserve Subfund	10	204	0	0	0	0	0	214
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
To Be Determined	0	0	144	153	163	171	179	810
<b>Total:</b>	25	210	194	203	213	221	229	1,295

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### 2012 - 2017 Adopted Capital Improvement Program

**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:</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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	85	0	0	50	50	50	50	50	335
Property Sales and Interest Earnings-2	200	0	0	0	0	0	0	0	200
<b>Total:</b>	285	0	0	50	50	50	50	50	535
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	85	0	0	50	50	50	50	50	335
Cumulative Reserve Subfund - Unrestricted Subaccount	200	0	0	0	0	0	0	0	200
<b>Total*:</b>	285	0	0	50	50	50	50	50	535
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	1,552	824	0	0	0	0	0	0	2,376
Real Estate Excise Tax I	800	400	0	500	523	549	571	589	3,932
<b>Total:</b>	2,352	1,224	0	500	523	549	571	589	6,308
<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	1,552	824	0	0	0	0	0	0	2,376
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	800	400	0	500	523	549	571	589	3,932
<b>Total*:</b>	2,352	1,224	0	500	523	549	571	589	6,308
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
KeyArena Settlement Proceeds Fund		240	584	0	0	0	0	0	824
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		168	232	500	523	549	571	589	3,132
<b>Total:</b>		408	816	500	523	549	571	589	3,956

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**2012 - 2017 Adopted 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>	Q3/2014
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	800	0	0	0	0	0	0	0	800
Property Sales and Interest Earnings-2	4,392	1,408	0	0	0	0	0	0	5,800
<b>Total:</b>	5,192	1,408	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	4,392	1,408	0	0	0	0	0	0	5,800
<b>Total*:</b>	5,192	1,408	0	0	0	0	0	0	6,600
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	0	100
<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		1,408	300	200	200	0	0	0	2,108
<b>Total:</b>		1,408	300	200	200	0	0	0	2,108

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	300	0	0	0	0	0	0	0	300
Real Estate Excise Tax I	0	200	200	250	250	262	273	282	1,717
Private Funding/Donations	53	647	200	250	250	262	273	282	2,217
To be determined	0	0	0	1,519	688	255	0	31	2,493
<b>Total:</b>	353	847	400	2,019	1,188	779	546	595	6,727
<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	53	847	400	500	500	524	546	564	3,934
<b>Total*:</b>	353	847	400	500	500	524	546	564	4,234
<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		153	1,078	516	500	525	478	631	3,881
To Be Determined		0	0	1,519	688	255	0	31	2,493
<b>Total:</b>		153	1,078	2,035	1,188	780	478	662	6,374

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Federal Grant Funds	4,692	1,110	615	615	615	615	615	615	9,492
Private Funding/Donations	607	138	77	77	77	77	77	77	1,207
Property Sales and Interest Earnings-2	529	138	77	77	77	77	77	77	1,129
Federal ARRA Funds: FTA Transit Capital Assistance	834	166	0	0	0	0	0	0	1,000
General Obligation Bonds	475	0	0	0	0	0	0	0	475
General Obligation Bonds	4,472	241	0	0	0	0	0	0	4,713
<b>Total:</b>	11,609	1,793	769	769	769	769	769	769	18,016
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	6,662	1,552	769	769	769	769	769	769	12,828
2003 LTGO Capital Project Fund	475	0	0	0	0	0	0	0	475
2007 Multipurpose LTGO Bond Fund	4,472	241	0	0	0	0	0	0	4,713
<b>Total*:</b>	11,609	1,793	769	769	769	769	769	769	18,016
<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		555	1,269	1,266	769	769	769	769	6,166
2003 LTGO Capital Project Fund		0	0	0	0	0	0	0	0
2007 Multipurpose LTGO Bond Fund		241	0	0	0	0	0	0	241
<b>Total:</b>		796	1,269	1,266	769	769	769	769	6,407

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### 2012 - 2017 Adopted 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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Federal Grant Funds	370	300	300	300	300	300	300	300	2,470
Property Sales and Interest Earnings-2	821	250	250	249	248	250	251	250	2,569
General Obligation Bonds	553	0	0	0	0	0	0	0	553
<b>Total:</b>	1,744	550	550	549	548	550	551	550	5,592
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,191	550	550	549	548	550	551	550	5,039
2007 Multipurpose LTGO Bond Fund	553	0	0	0	0	0	0	0	553
<b>Total*:</b>	1,744	550	550	549	548	550	551	550	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	300	2,100
2007 Multipurpose LTGO Bond Fund		249	250	249	248	250	251	251	1,748
<b>Total:</b>		549	550	549	548	550	551	551	3,848

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

### **2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	510	0	0	0	0	0	0	510
<b>Total:</b>	0	510	0	0	0	0	0	0	510
<b>Fund Appropriations/Allocations</b>									
2011 Multipurpose LTGO Bond Fund	0	510	0	0	0	0	0	0	510
<b>Total*:</b>	0	510	0	0	0	0	0	0	510
<b>O &amp; M Costs (Savings)</b>			(35)	(35)	(35)	(35)	(35)	0	(175)
<b>Spending Plan by Fund</b>									
2011 Multipurpose LTGO Bond Fund		206	304	0	0	0	0	0	510
<b>Total:</b>		206	304	0	0	0	0	0	510

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,762	1,102	118	450	450	450	450	450	5,232
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	1,015	200	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>	5,954	1,302	118	450	450	450	450	450	9,624
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,762	1,102	118	450	450	450	450	450	5,232
Cumulative Reserve Subfund - Unrestricted Subaccount	2,002	0	0	0	0	0	0	0	2,002
Seattle Center Capital Reserve Subfund	1,015	200	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>	5,954	1,302	118	450	450	450	450	450	9,624
<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.*

### **2012 - 2017 Adopted Capital Improvement Program**

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	531	689	450	450	450	450	450	3,470
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund	100	100	0	0	0	0	0	200
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
<b>Total:</b>	631	789	450	450	450	450	450	3,670

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	150	200	0	250	100	100	100	100	1,000
Property Sales and Interest Earnings-2	145	15	0	0	0	0	0	0	160
Property Sales and Interest Earnings-2	774	26	0	0	0	0	0	0	800
To be determined	0	0	0	665	97	107	115	122	1,106
<b>Total:</b>	1,069	241	0	915	197	207	215	222	3,066

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

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	150	200	0	250	100	100	100	100	1,000
Cumulative Reserve Subfund - Unrestricted Subaccount	145	15	0	0	0	0	0	0	160
Seattle Center Capital Reserve Subfund	774	26	0	0	0	0	0	0	800
<b>Total*:</b>	1,069	241	0	250	100	100	100	100	1,960

<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	5	195	250	100	100	100	100	850
Cumulative Reserve Subfund - Unrestricted Subaccount	5	10	0	0	0	0	0	15
Seattle Center Capital Reserve Subfund	12	14	0	0	0	0	0	26
To Be Determined	0	0	665	97	107	115	122	1,106
<b>Total:</b>	22	219	915	197	207	215	222	1,997

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

### **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	500	75	75	75	75	75	75	75	1,025
Property Sales and Interest Earnings-2	372	184	0	0	0	0	0	0	556
To be determined	0	0	0	25	25	25	25	25	125
<b>Total:</b>	872	259	75	100	100	100	100	100	1,706
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	500	75	75	75	75	75	75	75	1,025
Cumulative Reserve Subfund - Unrestricted Subaccount	372	184	0	0	0	0	0	0	556
<b>Total*:</b>	872	259	75	75	75	75	75	75	1,581
<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		5	110	110	75	75	75	75	525
Cumulative Reserve Subfund - Unrestricted Subaccount		40	90	54	0	0	0	0	184
To Be Determined		0	0	25	25	25	25	25	125
<b>Total:</b>		45	200	189	100	100	100	100	834

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### **2012 - 2017 Adopted Capital Improvement Program**

**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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	503	0	0	0	0	0	0	0	503
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Property Sales and Interest Earnings-2	909	132	50	90	90	90	90	90	1,541
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	201	210	221	229	237	1,098
<b>Total:</b>	2,892	132	50	291	300	311	319	327	4,622
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	503	0	0	0	0	0	0	0	503
Cumulative Reserve Subfund - Unrestricted Subaccount	969	132	50	90	90	90	90	90	1,601
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>	2,892	132	50	90	90	90	90	90	3,524
<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.*

**2012 - 2017 Adopted Capital Improvement Program**

## Seattle Center

### 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	65	117	90	90	90	90	90	632
Seattle Center Capital Reserve Subfund	48	0	0	0	0	0	0	48
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
To Be Determined	0	0	201	210	221	229	237	1,098
<b>Total:</b>	113	117	291	300	311	319	327	1,778

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	506	198	0	147	154	162	168	174	1,509
Property Sales and Interest Earnings-2	1,154	28	0	0	0	0	0	0	1,182
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>	8,440	226	0	147	154	162	168	174	9,471

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

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	506	198	0	147	154	162	168	174	1,509
Cumulative Reserve Subfund - Unrestricted Subaccount	1,154	28	0	0	0	0	0	0	1,182
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>	8,440	226	0	147	154	162	168	174	9,471

<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	175	23	147	154	162	168	174	1,003
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>	175	23	147	154	162	168	174	1,003

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

### **2012 - 2017 Adopted 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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	4,749	783	784	779	0	0	0	0	7,095
General Obligation Bonds	832	0	0	0	0	0	0	0	832
<b>Total:</b>	5,581	783	784	779	0	0	0	0	7,927
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,749	783	784	779	0	0	0	0	7,095
2003 LTGO Capital Project Fund	832	0	0	0	0	0	0	0	832
<b>Total*:</b>	5,581	783	784	779	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		782	784	780	0	0	0	0	2,346
2003 LTGO Capital Project Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		782	784	780	0	0	0	0	2,346

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

### 2012 - 2017 Adopted 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>	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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	1,183	181	0	0	0	0	0	0	1,364
<b>Total:</b>	1,183	181	0	0	0	0	0	0	1,364
<b>Fund Appropriations/Allocations</b>									
Seattle Center Capital Reserve Subfund	1,183	181	0	0	0	0	0	0	1,364
<b>Total*:</b>	1,183	181	0	0	0	0	0	0	1,364
<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		100	81	0	0	0	0	0	181
<b>Total:</b>		100	81	0	0	0	0	0	181

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

**2012 - 2017 Adopted Capital Improvement Program**

**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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	163	187	0	0	0	0	0	0	350
Private Funding/Donations	225	1,300	0	0	0	0	0	0	1,525
<b>Total:</b>	388	1,487	0	0	0	0	0	0	1,875
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	163	187	0	0	0	0	0	0	350
Private Resources	225	1,300	0	0	0	0	0	0	1,525
<b>Total*:</b>	388	1,487	0	0	0	0	0	0	1,875
<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.*

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	91	0	0	0	0	0	0	0	91
Property Sales and Interest Earnings-2	485	0	0	100	100	100	100	100	985
Seattle Voter-Approved Levy	606	0	0	0	0	0	0	0	606
Property Sales and Interest Earnings-2	1,288	612	0	0	0	0	0	0	1,900
<b>Total:</b>	2,470	612	0	100	100	100	100	100	3,582
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	91	0	0	0	0	0	0	0	91
Cumulative Reserve Subfund - Unrestricted Subaccount	485	0	0	100	100	100	100	100	985
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	1,288	612	0	0	0	0	0	0	1,900
<b>Total*:</b>	2,470	612	0	100	100	100	100	100	3,582
<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.*

### 2012 - 2017 Adopted Capital Improvement Program

**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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	47	0	0	0	0	0	0	400
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>	<b>5,951</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,998</b>
<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	47	0	0	0	0	0	0	2,200
2002B LTGO Capital Project Fund	150	0	0	0	0	0	0	0	150
<b>Total*:</b>	<b>4,548</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,595</b>
<b>O &amp; M Costs (Savings)</b>			16	16	16	16	16	0	80

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,542	77	0	250	250	250	250	250	2,869
Property Sales and Interest Earnings-2	962	131	0	0	0	0	0	0	1,093
General Obligation Bonds	1,130	0	0	0	0	0	0	0	1,130
To be determined	0	0	0	355	371	390	405	418	1,939
<b>Total:</b>	3,634	208	0	605	621	640	655	668	7,031
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,542	77	0	250	250	250	250	250	2,869
Cumulative Reserve Subfund - Unrestricted Subaccount	962	131	0	0	0	0	0	0	1,093
2002B LTGO Capital Project Fund	1,130	0	0	0	0	0	0	0	1,130
<b>Total*:</b>	3,634	208	0	250	250	250	250	250	5,092
<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		7	70	250	250	250	250	250	1,327
Cumulative Reserve Subfund - Unrestricted Subaccount		4	127	0	0	0	0	0	131
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
To Be Determined		0	0	355	371	390	405	418	1,939
<b>Total:</b>		11	197	605	621	640	655	668	3,397

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### **2012 - 2017 Adopted 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 utilities at Seattle Center. Affected utilities include 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,871	114	0	378	395	415	431	446	5,050
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>	4,260	114	0	378	395	415	431	446	6,439

**Fund Appropriations/Allocations**

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,871	114	0	378	395	415	431	446	5,050
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>	4,260	114	0	378	395	415	431	446	6,439

<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		60	54	378	395	415	431	446	2,179
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>		60	54	378	395	415	431	446	2,179

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	295	0	0	50	50	50	50	50	545
<b>Total:</b>	295	0	0	50	50	50	50	50	545
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	295	0	0	50	50	50	50	50	545
<b>Total*:</b>	295	0	0	50	50	50	50	50	545
<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.*

### **2012 - 2017 Adopted 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 \$291 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. There are 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 both as headquarters and hub of the library system, housing the materials distribution system, Library administration, a 425-seat auditorium and a collection of public meeting rooms, large public areas for reading and providing access to 412 public computers, a data center housing system-wide servers, and of course, the Central Library collection of books and materials.

In this post-LFA era, the Library's CIP budget is devoted primarily to asset preservation. The 2012 Adopted CIP budget includes \$600,000 in Real Estate Excise Tax (REET I) funding and \$220,000 in General Fund for a total capital budget of \$820,000. This is a decrease from the 2011 capital budget of \$1,050,000. The reduction in funding means that the Library will be able to undertake fewer asset preservation projects in 2012.

Additionally, the 2012 Proposed Budget included \$2 million in a reserve in the Finance and Administrative Services (FAS) CIP budget for Americans with Disabilities Act (ADA) improvements. FAS then conducted a citywide prioritization process to allocate the funds among the four implementing departments: Parks and Recreation, Seattle Center, Seattle Public Library and 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.

Using the results of the citywide prioritization process, the Council Adopted Budget reallocates the \$2 million of funding to the four departments based on the prioritization process. Funding of \$207,000 is appropriated to the ADA Improvements – Library Budget Control Level in order to update or modify various facilities for compliance with the standards contained in ADA.

The Library's 2012 Adopted CIP budget also includes a new Technology Infrastructure Replacement Project which appropriates \$756,000 in 2012 for the purchase of technology switching and routing equipment. It is financed by the issuance of long-term general obligation bonds. The debt service on this purchase will be paid out of existing resources in the Library's operating fund.

## 2012 – 2017 CIP

The Library is fortunate to have had the opportunity to upgrade its physical inventory between 1999 and 2008. The fact that its buildings are in relatively good shape has made it possible to carry out responsible

### 2012 - 2017 Adopted Capital Improvement Program

major maintenance with restricted capital budgets. However, the 2012 budget of just over \$800,000 (compared to \$2 million in 2008) provides less than \$2 per square foot of maintenance funding and less than one percent of replacement value, which is a typical target maintenance funding level. The funding must also cover the cost of long-term asset management planning.

Library buildings are some of 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.

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

The Library has identified approximately \$800,000 in asset preservation work that should be completed in 2012, \$1.7 million in 2013 and \$1.9 million in 2014 if funding is available. In 2012, CIP work in the 26 library branches will focus on building envelope maintenance as well as door and window improvements. At the Central Library, 2012 work will focus on mechanical, security and flooring system improvements. In 2013, resources would be used to support approximately \$550,000 at the Central Library for building shell and core repairs, safety/security related improvements, ongoing upgrades and component replacements to building mechanical, electrical and plumbing systems (MEP), and renewal of high wear-and-tear interior finishes. At the ten landmark buildings, an estimated \$825,000 would be used primarily for building envelope, MEP, safety/security improvements and interior renewal. The Library expects to need about \$250,000 in 2013 to address asset management in the 16 modern and storefront branch libraries and shop space. Finally, \$75,000 would fund longer term asset management planning. By 2014, several Library buildings, including the Central Library, will be 10 years from their LFA construction or remodel. The Library anticipates needing to do significant interior renewal at the Central Library, as well as at some of the modern and Carnegie-era branches. From 2015-2018, an annual CIP budget for asset preservation of \$2.0 to 2.5 million will be needed as more substantial systems renewals start to be required.

The projections of need for the next few years do not include any work that may be required to implement accessibility modifications to Library buildings.

### **CIP Revenue Sources**

The Library's CIP is currently funded with REET 1 (\$600,000 in the 2012 Adopted CIP Budget) and a special, two-year allocation of General Fund support (\$220,000). It also includes \$756,000 for a new Technology Infrastructure Replacement Project which is financed by the issuance of long-term general obligation bonds. The debt service on this purchase will be paid out of existing resources in the Library's operating fund.

### **2012 - 2017 Adopted Capital Improvement Program**

## **Thematic Priorities and Project Selection**

With the recent system expansion funded by the LFA Program, the Library's CIP is now devoted to major maintenance that protects the City's investment in existing library facilities.

### Asset Preservation

The overriding priority of the Library's capital program is extending the useful life of the buildings as long as possible. Major repairs and replacement to roofs, building envelopes, HVAC and other critical building systems, doors, windows, flooring and casework are examples of the asset preservation items that must be funded through the Library's CIP budget. In the branch libraries, work in 2012 will primarily focus on building envelope maintenance, including phase two of exterior beam tip repairs at the Ballard Library, and door and window replacements which were not part of the remodel scope at some libraries. The Library has allocated approximately \$430,000 of its 2012 CIP budget for branch library asset preservation. At the Central Library, 2012 asset preservation work will focus on flooring systems, casework and building envelope repairs, with an anticipated allocation of \$80,000.

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

The Library delivers direct services to the public, who expect and deserve highly functional and welcoming library buildings. Major maintenance work carried out under this priority supports (1) efforts to maximize environmental sustainability and reduce maintenance and utility costs at Library buildings; (2) implementation of new service models to help the library reduce operating costs while minimizing impact to the public; and (3) efforts to better tailor services to neighborhood needs and rapidly evolving changes in how people access and use information. At the Central Library, the 2012 CIP work will focus on mechanical system improvements, in an ongoing effort to fully realize the building's energy efficiency potential (reducing long-term operating costs to alleviate unfunded utility cost increases) and improve air pressurization. Additional work will include phased improvements to the security system and limited functional modification items. The Library has allocated \$200,000 to fund these improvements at the Central Library in 2012. If funds are available (due to the actual cost of work being less than estimated levels), the Library will undertake mechanical system improvements in the branches as well. A total of \$30,000 for technical planning and analysis will guide all these efforts.

### 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 limited capital resources. The Library has allocated \$80,000 for security improvements at the Central Library.

## **Project Selection Criteria**

The Library currently has two CIP projects – Library Major Maintenance and a new Technology Infrastructure Replacement Project that appropriates bond-financed technology purchases to be repaid out the Library's operating fund.

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 the capital program manager and facilities maintenance staff. As part of ongoing asset management, 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.

The Library is unlike other CIP departments in that it has only two relatively small CIP projects – one of which (major maintenance) is composed of numerous small-scale work items that address standard asset management objectives. Many of the 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. Advance planning is crucial, but it is impossible to firm up a major maintenance program a year ahead of time. Having the flexibility to respond to emerging building issues is crucial.

A few examples will clarify how the Library determines what work to include in a given year's major maintenance program.

1. Green Lake Branch boiler replacement: The Library's asset management system tracks the year of last renewal and expected life of major building components. The Green Lake boiler was installed in 1955, with an expected life of 50 years. Using the selection criteria, the boiler rose to become a 2011 priority both to preserve building integrity and because its operation is required to keep the facility open to the public. The decision involved weighing both the criticality of the system and the likelihood of failure if the work is not done.
2. Ballard Branch exterior beam tip repairs: Routine condition assessment of the exterior of the Ballard Branch revealed that the glue-lam beams and rafters at the edges of the roof are weathering severely. In 2010 the Library undertook a limited project to restore half of the beams. The work was phased in order to spread costs over more than one year, and to test the effectiveness of the treatment method before investing considerable resources. In 2012 the Library plans to undertake the next phase of restoration. This work is high priority because the Library wants to address the problem before any of the structural integrity is compromised.
3. Consolidation of service desks on Level 3 of the Central Library: In 2011, the Library implemented a number of service model changes in the Central Library related to budget cuts that reduced public services staffing. Separate services desks for Fiction and Teen services cannot be staffed full time, so a central service point was created that could be seen and accessed by users of both programs. The CIP does not pay for furniture, but it did support this project by providing power for voice and data connections to the new desk, and any related flooring modifications. The decision to include this in 2011 work was based on the need to achieve the operational efficiency in this budget year.
4. Columbia Branch walkway and stair repairs: This is a medium/low priority asset management item which will likely be deferred until 2013. The issues do not present a hazard, but should be monitored. If funds are available after higher priority items are implemented or the existing situation becomes more critical in terms of safety or building integrity, the work will rise in priority.

## Future Projects/What is on the Horizon

The Libraries for All capital program provided a phased renewal of the Library's physical assets over a ten-year period from 1999-2009. By 2013-2014, half of the inventory, including the Central Library, will be over ten years old (or ten years from renovation). The Library strives to preserve the public and private investment in these very heavily used community resources with a responsible program of asset management. Significant interior renewal, as well as mechanical, engineering and plumbing component replacements and upgrades at both the Central Library and branch libraries should be implemented in a phased approach starting in 2013 to avoid the compounding of major maintenance costs that occurs when necessary work is deferred. That is primarily why the Library's capital needs are growing at this time when resources are declining. In addition, the Library is implementing a strategic plan that addresses the new ways that people are accessing information and using Library spaces. Changes in the way space is used in libraries will inevitably have implications for capital budget requirements moving forward.

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. It is critical to conduct a needs assessment in the next year or two, which might lead to a proposal for a combined shops/storage/materials handling facility during the six-year time horizon of the CIP.

Another potential project would improve perimeter security around the Central Library, including the loading dock. A proposal for Urban Areas Security Initiative (UASI) federal grant funding was submitted in 2010, and may be resubmitted in the coming UASI grant round. This project, estimated to cost up to \$1.2 million, cannot be undertaken unless grant or other funding is obtained.

### **CIP Spending by Major Category**

The Library's spending falls under two major categories – Major Maintenance and Technology Infrastructure Replacement. Otherwise defined as "asset management," major maintenance covers the core stewardship of library buildings to ensure building integrity and functionality. When the Library's CIP budget was first sharply reduced in mid-2009, it was recognized that putting these limited funds under a single project would give the capital program the flexibility to manage them efficiently. The new Technology Infrastructure Replacement Project will appropriate \$756,000 in 2012 for the purchase of technology switching and routing equipment. It is financed by the issuance of long-term general obligation bonds. The debt service on this purchase will be paid out of existing resources in the Library's operating fund.

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

The Library's major maintenance projects generally preserve existing facilities and do not create new operational requirements. Asset preservation work serves to contain operating expenses by keeping facilities in good working order. The Library's capital planning seeks to identify opportunities to reduce daily maintenance requirements and utility expenses wherever possible.

### **City Council Provisos to the CIP**

There are no Council provisos.



# The Seattle Public Library

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>ADA Improvements - Library</b>					<b>BCL/Program Code:</b>			<b>B301112</b>	
ADA Improvements - Library (B301112)	0	50	207	0	0	0	0	0	257
<b>ADA Improvements - Library</b>	0	50	207	0	0	0	0	0	257
<b>Library Major Maintenance</b>					<b>BCL/Program Code:</b>			<b>B301111</b>	
Library Major Maintenance (B301111)	1,246	1,134	820	1,500	1,700	1,850	2,000	0	10,250
<b>Library Major Maintenance</b>	1,246	1,134	820	1,500	1,700	1,850	2,000	0	10,250
<b>Preliminary Engineering and Planning</b>					<b>BCL/Program Code:</b>			<b>B401111</b>	
Preliminary Engineering and Planning (B401111)	760	73	0	220	230	240	250	0	1,773
<b>Preliminary Engineering and Planning</b>	760	73	0	220	230	240	250	0	1,773
<b>Technology Infrastructure Replacement</b>					<b>BCL/Program Code:</b>			<b>B35600</b>	
Technology Infrastructure Replacement (B35600)	0	0	756	0	0	0	0	0	756
<b>Technology Infrastructure Replacement</b>	0	0	756	0	0	0	0	0	756
<b>Department Total*:</b>	2,006	1,257	1,783	1,720	1,930	2,090	2,250	0	13,036

\*Amounts in thousands of dollars

2012 - 2017 Adopted Capital Improvement Program





## The Seattle Public Library

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
2012 Multipurpose LTGO Bond Fund (35600)	0	0	756	0	0	0	0	0	756
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	1,246	964	807	1,720	1,930	2,090	2,250	0	11,007
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	760	73	0	0	0	0	0	0	833
General Subfund (00100)	0	220	220	0	0	0	0	0	440
<b>Department Total*:</b>	2,006	1,257	1,783	1,720	1,930	2,090	2,250	0	13,036

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	50	207	0	0	0	0	0	257
<b>Total:</b>	0	50	207	0	0	0	0	0	257
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	50	207	0	0	0	0	0	257
<b>Total*:</b>	0	50	207	0	0	0	0	0	257

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

## 2012 - 2017 Adopted 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. 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
General Subfund Revenues	0	220	220	0	0	0	0	0	440
Real Estate Excise Tax I	1,246	914	600	1,500	1,700	1,850	2,000	0	9,810
<b>Total:</b>	1,246	1,134	820	1,500	1,700	1,850	2,000	0	10,250
<b>Fund Appropriations/Allocations</b>									
General Subfund	0	220	220	0	0	0	0	0	440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,246	914	600	1,500	1,700	1,850	2,000	0	9,810
<b>Total*:</b>	1,246	1,134	820	1,500	1,700	1,850	2,000	0	10,250
<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.*

## 2012 - 2017 Adopted Capital Improvement Program

# The Seattle Public Library

## Preliminary Engineering and Planning

<b>BCL/Program Name:</b>	Preliminary Engineering and Planning	<b>BCL/Program Code:</b>	B401111
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	B401111	<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 project funds the development of design, engineering, cost estimates, and long-term capital planning for major maintenance and improvement of Library facilities. These activities enable the Library to prioritize, phase and implement the specific work that is funded in other ongoing CIP projects.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	220	230	240	250	0	940
Property Sales and Interest Earnings	760	73	0	0	0	0	0	0	833
<b>Total:</b>	760	73	0	220	230	240	250	0	1,773
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	220	230	240	250	0	940
Cumulative Reserve Subfund - Unrestricted Subaccount	760	73	0	0	0	0	0	0	833
<b>Total*:</b>	760	73	0	220	230	240	250	0	1,773
<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	220	230	240	250	0	940
Cumulative Reserve Subfund - Unrestricted Subaccount		60	13	0	0	0	0	0	73
<b>Total:</b>		60	13	220	230	240	250	0	1,013

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## 2012 - 2017 Adopted Capital Improvement Program

# The Seattle Public Library

## Technology Infrastructure Replacement

<b>BCL/Program Name:</b>	Technology Infrastructure Replacement	<b>BCL/Program Code:</b>	B35600
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	B35600	<b>End Date:</b>	Q4/2012
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This ongoing project provides replacement and upgrade of the high-speed data infrastructure that delivers local-area-network and Internet services to computers at all 26 branch libraries and the Central Library. The current replacement cycle provides network switching and routing equipment, improving bandwidth capacity for the Library's heavily-used technology. Library computers hosted 1.6 million public onsite Internet sessions in 2010.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	756	0	0	0	0	0	756
<b>Total:</b>	0	0	756	0	0	0	0	0	756
<b>Fund Appropriations/Allocations</b>									
2012 Multipurpose LTGO Bond Fund	0	0	756	0	0	0	0	0	756
<b>Total*:</b>	0	0	756	0	0	0	0	0	756
<b>Spending Plan by Fund</b>									
2012 Multipurpose LTGO Bond Fund		0	756,000	0	0	0	0	0	756,000
<b>Total:</b>		0	756,000	0	0	0	0	0	756,000

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

## 2012 - 2017 Adopted 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, 147 bridges, 582 retaining walls, 22 miles of seawalls, 1,045 signalized intersections, 45 miles of bike trails, 223 miles of on-street bicycle facilities, 35,000 street trees, 2,200 pay stations, 300 parking meters, 26,000 curb ramps, and 1.6 million lane markers.

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.

## 2012-2017 CIP

The Transportation Capital Improvement Program includes planned spending of \$1.33 billion over the 2012-2017 six-year period. Highlights of the Adopted CIP include the following:

- **Vehicle Licensing Fee**  
The Citizens Transportation Advisory Committee (CTAC 3) was charged with recommending the 2012 allocation of the \$20 Vehicle Licensing Fee (VLF) totaling \$6.8 million. The 2012-2017 Adopted CIP reflects the committee's recommendations, which added significant funding to pavement preservation, sidewalk safety access, transit corridors, and bicycle improvements. In some cases however, this new funding was off-set by another necessary cut, which the committee recognized when they developed their recommendations.
- **Enhanced Paving Plan**  
In recognition of the significant street surface repair needs throughout the city, funding is increased for the Arterial Major Maintenance program. Using \$3 million from the proceeds of the Rubble Yard property sale, and with the support of the Mayor and the City Council, SDOT implemented a special emphasis on street surface repair work beginning mid-year 2011. The 2012-2017 Adopted CIP proposes the continuation of this enhanced paving work, which would be funded with \$1.65 million of Rubble Yard proceeds in 2012 and again in 2013. Beginning in 2014, the work is planned to be funded by the Commercial Parking Tax.
- **Short-Term Revenue**  
Proceeds from the Rubble Yard sale are also used to save critical services in the CIP in 2012, and are planned to do the same in 2013 and 2014. As economic conditions are expected to improve by 2015, other revenue sources are projected to fill this gap beginning in 2015. The Rubble Yard proceeds prevent SDOT from having to make cuts in Freight Spot Improvements, Neighborhood Traffic

## 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

Control, Bridge Painting, and ADA Spot Improvements (a sub-program of the Pedestrian Master Plan Implementation project).

- **Walk Bike Ride**

The 2012-2017 Adopted 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 \$33 million for implementation of the Bicycle Master Plan, and \$34.5 million for implementation of the Pedestrian Master Plan. The Transit Master Plan will be completed in the fall of 2011, which will likely inform changes in the 2013-2018 CIP. Increasing access to these sustainable modes of transportation is a high priority of CTAC 3 and the future allocation of the \$20 VLF. Projects that improve bike and pedestrian safety are a particularly high priority.

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

The 2012-2017 Adopted CIP includes funding for City commitments related to replacing SR-99 along the Seattle waterfront. This work encompasses the SR-99 Bored Tunnel, Elliott Bay Seawall, Waterfront Seattle Public Space and Surface Streets, Battery Street Tunnel decommissioning, and the Holgate to King South End project. To meet City funding obligations in 2011 and 2012 (see Ordinance 123133 for additional information), the project utilizes Commercial Parking Tax revenue, authorized at an additional 2.5% in 2011, to support approximately \$70 million in planned cash and bond fund expenditures for the City's support to the Mercer Corridor West Phase (separate CIP project), the Parking Program, and Project Services components as well as interim costs for the Waterfront Seattle and Seawall components. The Commercial Parking Tax revenue provides sufficient funding for work to continue in 2012; however it has yet to be determined how to fully fund the project's construction costs. The Executive continues to recommend authorization of a public vote for an excess property tax levy to support costs for the Elliott Bay Seawall and creation of a Local Improvement District to fund work on the Waterfront Seattle project.

Elliott Bay Seawall - The current cost estimate to design and construct the replacement of the aging seawall from Washington to Virginia streets (also known as the Central Seawall) has been increased from \$274 million to \$330 million. (The range is estimated between \$310 and \$390 million.) Revised cost estimates, expected by early 2012, will reflect design considerations informed by continued coordination of the Waterfront Seattle component.

Waterfront Seattle - In 2012, the Central Waterfront Public Spaces and Surface Streets component, also known as Waterfront Seattle, will wrap up significant conceptual planning efforts and enter the design phase. The Alaskan Way surface street costs are the State's responsibility but the work will be managed by the City. The estimated value of the City's portion for the waterfront and public space components has increased from \$123 million to \$225 million, reflecting a more likely outcome of project costs. Cost estimates are expected to be further revised when the conceptual planning has been completed. Funding for this component of the program will be provided by the creation of a Local Improvement District (LID) in future years. In anticipation of an LID, a new fund and interfund loan are created in 2012 to support costs eligible for financing by a future Local Improvement District.

### **2012 - 2017 Adopted Capital Improvement Program**



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Mercer Corridor Project West Phase - The Mercer West project (a separate CIP project) will convert Mercer Street to a two-way street between Dexter Ave and Elliott Ave West. The current cost estimate is \$90.5 million. The project construction will begin in 2012.

- **Linden Avenue North Complete Streets**

The Linden Avenue North Complete Streets project provides pedestrian and roadway improvements that will complete the final link in the Interurban Trail North, a 17-block segment from N 128th Street to N 145th Street. This section of Linden is one block west of Aurora Avenue N and has experienced rapid change due to the construction of hundreds of new multi-family housing units. In 2010, the City revised plans for the Linden Avenue N project based on input from community members, the Seattle Bicycle Advisory Board, and City Council members, incorporating many suggested changes. The construction will be completed in a single phase with substantial completion expected in the second quarter of 2013.

- **Spokane Street Viaduct**

This project 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. The 4th Avenue off-ramp was completed summer 2010. The remaining portion of the project is anticipated to be complete in 2012.

- **Mercer Corridor Project – East Phase**

Funded in part by the Bridging the Gap funding package, this project implements a comprehensive package of transportation improvements in the Mercer Corridor in South Lake Union. Two-way Mercer will improve safety and mobility for vehicles, freight, transit, bicycles, and pedestrians and will enhance neighborhood circulation and regional access to and through the South Lake Union area. The proposed design widens Mercer between I-5 and Dexter Ave. to accommodate 3 lanes in each direction, on-street parking, wide sidewalks, and a median. Valley St. will be narrowed to a 2-lane, 2-way street that complements the new Lake Union Park, offering easy access to the newly built Streetcar and providing a bike and pedestrian friendly environment. Construction began in 2010 and substantial completion is expected in 2013.

- **King Street Station**

Construction of the station seismic retrofit work is expected to begin in the fourth quarter of 2011, with expected completion in the first quarter of 2013. This phase includes structural and seismic upgrades of the station and clock tower, major electrical/mechanical/plumbing and fire protection systems installation, and select interior and exterior restoration work. The Grand Stairs will be opened to the public, connecting the upper Jackson plaza to the lower King Street station entrance, and a new entrance on Jackson plaza with elevator access will be opened to the public. This will improve station access for all visitors, and transform the station into a transportation hub with easy access to express buses, commuter trains and light rail service. In addition to \$10 million from the

### **2012 - 2017 Adopted Capital Improvement Program**

## Seattle Department of Transportation

Bridging the Gap funding package, funds from the Federal Transit Administration (FTA), Federal Railroad Administration (FRA), the Washington State Department of Transportation (WSDOT), the Washington State Historical Society, the South Downtown Foundation, and 4Culture contribute \$40 million to the project.

- **First Hill Streetcar**

The 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. In 2012, construction will be underway with substantial completion expected in late 2013.

### CIP Revenue Sources

Funding and financing for the projects in SDOT's 2012-2017 Adopted CIP comes from the following sources:

- **Bridging the Gap (\$214 million, 16%)**

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 and a property tax levy. In addition to direct cash expenditures, BTG funds also support some long-term financing, listed below. The 2012-2017 Adopted CIP assumes a levy renewal, with amounts in 2016 and 2017 allocated at roughly status quo levels.

- **Other Local Revenues (\$409 million, 31%)**

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. Some of these revenue sources have been declining in recent years, such as Gas Tax and REET, while others have been stable or increasing.

- **Long-Term Financing (\$196 million, 15%)**

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. Also included in this category are Public Works Trust Fund loan proceeds.

- **External Funding (\$440 million, 33%)**

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 (\$70 million, 5%)**

A small portion of the CIP requires funding sources that have not yet been identified.

### 2012 - 2017 Adopted Capital Improvement Program

### 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, and 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.

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.

### 2012 CIP Expenses by Major Category

SDOT's capital budget includes four categories of investment:

- Maintenance and Rehabilitation Programs optimize existing facilities by keeping facilities and equipment in good condition and good operating order.
- System Improvements Programs fill in gaps or make extensions to networks that are identified through subarea or modal plans.
- Neighborhood Programs are similar to system improvements, but generally comprise smaller-scale projects identified through community input.
- Large Capital Projects are individual projects that stand out among the City's transportation needs because of their size or complexity, potential community impact, high cost, or coordination with outside partners.

### 2012 - 2017 Adopted Capital Improvement Program

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The following table displays the 2012-2017 Adopted Capital Improvement Program in these categories; all figures are in thousands.

	2012	2013	2014	2015	2016	2017	Total
Large Capital Projects	121,546	156,459	168,627	172,111	243,682	143,852	1,006,277
Maintenance & Rehabilitation	35,436	30,876	43,955	29,901	27,897	27,973	196,038
Neighborhood Programs	4,889	2,833	2,898	2,963	3,017	3,083	19,683
System Improvements	26,223	16,778	16,364	17,999	14,961	15,283	107,608
<b>All Categories</b>	<b>188,094</b>	<b>206,946</b>	<b>231,844</b>	<b>222,974</b>	<b>289,557</b>	<b>190,191</b>	<b>1,329,606</b>

### Anticipated Operating Expenses Associated with Capital Facilities Projects

In some projects, the Department has identified operations and maintenance costs as zero. In these cases, the cost impacts of the project are either insignificant or are offset by cost savings realized by other projects. For projects that do show operations and maintenance costs in the CIP, the costs have been built into the Department's operating budget.

### City Council Changes to the CIP

The City Council made the following adjustments to the 2012-2017 Proposed CIP:

- The total CIP budget for the Mercer Corridor Project West Phase was decreased from \$99 million to \$90.5 million to reflect updated cost estimates. Council also increased the Surplus Property Sales revenue for this project by \$5 million, lowering the funding gap for the project from \$35.3 million to \$21.4 million.
- The Transit Corridor Project was decreased by \$1.5 million in 2012, reflecting the removal of Rubble Yard proceeds that were proposed to be included in this project for the purpose of high capacity transit planning.
- Council created and funded the new Fauntleroy Way SW Green Boulevard Project, which will transform the street into a green boulevard. Funding in 2012 will be used for preliminary engineering work.
- The Pedestrian Master Plan Implementation Project was increased by \$250,000 to reflect the addition of a pedestrian safety project at the intersection of Rainier Avenue S and 23<sup>rd</sup> Avenue S.

These changes are reflected in the summary tables and figures that appear in prior sections.

### City Council Provisos to the CIP

Council adopted the following capital budget provisos:

Of the appropriations in the 2012 budget for SDOT's Mobility-Capital BCL, \$317,000 is appropriated solely for the Pedestrian Master Plan Implementation project (TC367150) to implement the South East

## 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

Transportation Study (SETS) Project #22 ‘Rainier Ave. S. and 23rd Ave. S. (Improve Safety at High Collision Location)’ and may be used for no other purpose.

None of the money appropriated in the 2012 budget for SDOT’s Major Projects BCL may be spent for physical construction of Mercer Corridor Project West Phase (TC367110) until authorized by future ordinance.

Of the appropriation in the 2012 budget for the Seattle Department of Transportation’s Mobility-Capital BCL, \$800,000 is appropriated solely as a reserve for streetcar planning and construction and may be spent for no other purpose. Furthermore, none of the money so appropriated may be spent until authorized by future ordinance. The Council does not intend to authorize the release of these funds until:

- 1) The Council is satisfied that the First Hill Streetcar can be completed to Occidental Avenue South and Jackson Street without additional funding from the City; and
- 2) The Council is satisfied with a response from the Executive that:
  - a. Planning and design for the potential extension to Aloha Street is funded; and
  - b. That there is a feasible financial plan for construction of the extension to Aloha Street.

Of the appropriation for 2012 for the Seattle Department of Transportation’s Mobility-Capital BCL, \$250,000 is appropriated solely for the Fauntleroy Way SW Green Boulevard project (TC367200) and may be spent for no other purpose.



# Seattle Department of Transportation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>Debt Service Program</b>									<b>BCL/Program Code: 18002D</b>
Debt Service - CRF (TC320060)	12,154	2,699	1,529	1,371	1,372	1,372	1,372	1,372	23,241
<b>Debt Service Program</b>	12,154	2,699	1,529	1,371	1,372	1,372	1,372	1,372	23,241
<b>Major Maintenance/Replacement</b>									<b>BCL/Program Code: 19001</b>
Arterial Asphalt and Concrete Program (TC365440)	119,210	44,413	14,282	14,682	10,770	17,524	19,350	19,350	259,581
Arterial Major Maintenance (TC365940)	7,364	3,021	3,958	2,900	2,900	2,900	2,900	2,900	28,843
Bike Master Plan Implementation (TC366760)	10,070	4,792	5,497	5,389	5,483	5,579	5,648	5,756	48,214
Bridge Load Rating (TC365060)	2,117	283	250	258	265	273	281	290	4,017
Bridge Painting Program (TC324900)	11,332	3,411	3,154	2,135	2,135	2,135	2,135	2,135	28,572
Bridge Rehabilitation and Replacement (TC366850)	27,829	49,312	4,606	1,625	24,781	3,892	0	0	112,045
Bridge Seismic Retrofit Phase II (TC365810)	10,379	17,387	6,213	6,271	20	0	0	0	40,270
Hazard Mitigation Program - Areaways (TC365480)	4,197	1,152	327	326	337	346	355	364	7,404
Hazard Mitigation Program - Landslide Mitigation Projects (TC365510)	5,599	1,099	454	408	412	416	421	427	9,236
Miscellaneous, Unforeseen, and Emergencies (TC320030)	1,123	5	0	0	0	0	0	0	1,128
Non-Arterial Asphalt Street Resurfacing (TC323920)	1,824	153	105	115	124	132	135	138	2,726
Non-Arterial Concrete Rehabilitation (TC323160)	1,892	230	388	400	410	420	426	433	4,599
Retaining Wall Repair and Restoration (TC365890)	3,529	214	212	212	212	212	212	212	5,015
Sidewalk Safety Repair (TC365120)	9,124	1,748	1,814	1,870	1,926	1,997	2,037	2,088	22,604
South Park Bridge (TC365780)	641	233	270	15,212	94	48	10	0	16,508
Street Lighting Program (TC366900)	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000
<b>Major Maintenance/Replacement</b>	216,230	127,453	41,530	52,803	50,869	36,874	34,910	35,093	595,762
<b>Major Projects</b>									<b>BCL/Program Code: 19002</b>
Alaskan Way Viaduct & Seawall Replacement (TC366050)	42,072	30,178	16,627	44,500	136,400	156,500	237,200	138,380	801,857

\*Amounts in thousands of dollars

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# Seattle Department of Transportation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
First Hill Streetcar (TC367100)	3,653	29,177	48,623	46,150	5,177	0	0	0	132,780
Magnolia Bridge Replacement Project (TC366060)	9,465	2	0	0	0	0	0	0	9,467
Mercer Corridor Project (TC365500)	86,873	66,267	10,854	8,476	0	0	0	0	172,470
Mercer Corridor Project West Phase (TC367110)	2,492	15,835	11,173	36,900	16,100	8,000	0	0	90,500
Spokane St. Viaduct (TC364800)	103,382	63,245	11,815	0	0	0	0	0	178,442
SR-520 Project (TC365880)	1,244	297	260	267	274	281	0	0	2,623
<b>Major Projects</b>	249,181	205,001	99,352	136,293	157,951	164,781	237,200	138,380	1,388,139
<b>Mobility-Capital</b>	<b>BCL/Program Code:</b>								<b>19003</b>
14th Ave. S Street Improvements (TC366220)	2,974	27	0	0	0	0	0	0	3,001
3rd Avenue NE Signalization (TC366580)	448	20	0	0	0	0	0	0	468
5th Ave Streetscapes Improvements (TC367080)	459	54	0	0	0	0	0	0	513
Aurora Transit, Pedestrian, and Safety Improvements (TC366250)	3,206	0	0	2,000	9,000	5,700	5,000	4,000	28,906
Burke-Gilman Trail Extension (TC364830)	14,492	10,435	0	870	0	0	0	0	25,797
Center City Access Strategy Program (TC366600)	4,011	1,147	100	0	0	0	0	0	5,258
Cheshiahud Lake Union Trail Project (TC367070)	451	549	0	0	0	0	0	0	1,000
Chief Sealth Trail (TC365690)	4,825	389	0	0	0	0	0	0	5,214
Collision Evaluation Program (TC323860)	1,367	146	148	152	156	161	166	170	2,466
Denny Triangle Improvements (TC365760)	803	51	0	0	0	0	0	0	854
Fauntleroy Way SW Green Boulevard (TC367200)	0	0	250	0	0	0	0	0	250
Freight Spot Improvement Program (TC365850)	654	534	635	400	190	0	0	0	2,413
Grant Match Reserve Opportunity Fund (TC365910)	5	0	0	0	0	0	0	0	5
Greenwood Avenue N Street Improvements (TC366380)	7,048	142	0	0	0	0	0	0	7,190

\*Amounts in thousands of dollars

### 2012 - 2017 Adopted Capital Improvement Program



# Seattle Department of Transportation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Intelligent Transportation Systems (ITS) Plan Implementation (TC365870)	8,819	15	0	0	0	0	0	0	8,834
King Street Station Multimodal Terminal (TC366810)	18,357	19,796	14,164	0	0	0	0	0	52,317
Lake Union Ship Canal Trail (TC327000)	6,908	3,117	0	0	0	0	0	0	10,025
Left Turn Signals (TC323130)	3,126	473	186	195	203	209	215	221	4,828
Linden Avenue North Complete Streets (TC366930)	1,096	4,737	5,802	513	10	10	0	0	12,168
Mountains to Sound Greenway Trail (TC365750)	499	1,033	0	0	0	0	0	0	1,532
Neighborhood Traffic Control Program (TC323250)	5,670	422	400	400	400	400	400	400	8,492
New Traffic Signals (TC323610)	5,144	485	891	321	335	287	295	303	8,061
NSF/CRS Neighborhood Program (TC365770)	18,363	5,525	4,062	2,107	2,161	2,217	2,262	2,319	39,016
Pay Stations (TC366350)	17,891	23	0	0	0	0	0	0	17,914
Pedestrian Master Plan - School Safety (TC367170)	0	706	1,827	747	767	789	810	838	6,484
Pedestrian Master Plan Implementation (TC367150)	4,360	5,641	6,532	5,046	5,108	5,824	5,927	6,095	44,533
Railroad Crossing Signal Improvements (TC367090)	1,839	391	1,189	0	0	0	0	0	3,419
S Lander St. Grade Separation (TC366150)	2,533	0	0	0	0	0	0	0	2,533
Sound Transit - University Link (TC367040)	845	136	64	100	100	100	0	0	1,345
Sound Transit Construction Services (TC366310)	12,223	225	0	0	0	0	0	0	12,448
Sound Transit North Link (TC367190)	0	0	100	100	100	100	100	100	600
SR-519 Phase II (TC366960)	1,031	225	0	0	0	0	0	0	1,256
Terry Avenue North Street Improvements (TC367030)	81	534	0	0	0	0	0	0	615
Thomas St Pedestrian Overpass (formerly Belltown/Queen Anne Waterfront Connections-Thomas St.) (TC366210)	2,714	7,537	15	0	0	0	0	0	10,266
Transit Corridor Projects (TC366860)	9,997	9,619	9,318	3,528	3,122	4,150	900	900	41,534

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted 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>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
West Duwamish Trail (TC367130)	23	1,977	0	0	0	0	0	0	2,000
<b>Mobility-Capital</b>	162,262	76,111	45,683	16,479	21,652	19,947	16,075	15,346	373,555
<b>Department Total*:</b>	639,827	411,264	188,094	206,946	231,844	222,974	289,557	190,191	2,380,696

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**

# Seattle Department of Transportation

## Fund Summary

Fund Name & Code	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
2000 Parks Levy Fund (33850)	3,532	2,202	0	0	0	0	0	0	5,734
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)	22,619	1	0	0	0	0	0	0	22,620
2008 Multipurpose LTGO Bond Fund (35200)	57,012	16,844	0	0	0	0	0	0	73,856
2008 Parks Levy Fund (33860)	155	7,095	0	0	0	0	0	0	7,250
2009 Multipurpose LTGO Bond Fund (35300)	35,126	29,168	0	40	0	0	0	0	64,334
2010 Multipurpose LTGO Bond Fund (35400)	21,870	43,642	0	0	0	0	0	0	65,512
2011 Multipurpose LTGO Bond Fund (35500)	0	61,686	0	0	0	0	0	0	61,686
2012 Multipurpose LTGO Bond Fund (35600)	0	0	30,978	6,736	30	10	0	0	37,754
Central Waterfront Improvement Fund (35900)	0	0	2,000	7,600	10,400	0	0	0	20,000
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	2,236	0	0	0	0	0	0	0	2,236
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	76,086	8,059	5,600	4,071	4,072	4,072	4,072	4,072	110,104
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)	3,784	925	1,189	0	0	0	0	0	5,898
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	883	2,757	0	0	0	0	0	0	3,640
Emergency Subfund (00185)	200	199	0	0	0	0	0	0	399
Open Spaces & Trails Bond Fund (33620)	2,054	0	0	0	0	0	0	0	2,054
To Be Determined (TBD)	0	0	0	7,622	32,234	20,927	5,000	4,000	69,783
Transportation Bond Fund (31600)	5,874	0	0	17,925	96,747	121,600	151,800	54,780	448,726

*\*Amounts in thousands of dollars*

## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Fund Summary

Fund Name & Code	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Transportation Operating Fund (10310)	376,890	238,686	148,327	162,952	88,361	76,365	128,685	127,339	1,347,604
<b>Department Total*:</b>	639,827	411,264	188,094	206,946	231,844	222,974	289,557	190,191	2,380,696

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**

# Seattle Department of Transportation

## 14th Ave. S 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>	Q3/2003
<b>Project ID:</b>	TC366220	<b>End Date:</b>	Q4/2012
<b>Location:</b>	14th Ave S/Dallas Ave S/S Director St		
<b>Neighborhood Plan:</b>	South Park	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	South Park

This project provides transportation and drainage improvements along 14th Avenue S in the South Park neighborhood. The project interconnects and upgrades three signalized intersections, provides new traffic controllers, and adds emergency vehicle preemption that will enhance the safety, quality and condition of the roadway. Enhancements include but are not limited to installing wheelchair ramps, making sidewalk repairs, resurfacing asphalt along with replacing concrete panels, and upgrading street lighting. There are minor close-out and landscape establishment costs in 2010-12.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	892	21	0	0	0	0	0	0	913
State Gas Taxes - Arterial City Street Fund	825	6	0	0	0	0	0	0	831
State Gas Taxes - City Street Fund	47	0	0	0	0	0	0	0	47
State Grant Funds	1,210	0	0	0	0	0	0	0	1,210
<b>Total:</b>	2,974	27	0	0	0	0	0	0	3,001
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	892	21	0	0	0	0	0	0	913
Transportation Operating Fund	2,082	6	0	0	0	0	0	0	2,088
<b>Total*:</b>	2,974	27	0	0	0	0	0	0	3,001
<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	6	0	0	0	0	0	21
Transportation Operating Fund		6	0	0	0	0	0	0	6
<b>Total:</b>		21	6	0	0	0	0	0	27

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## 3rd Avenue NE Signalization

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	TC366580	<b>End Date:</b>	Q4/2012
<b>Location:</b>	3rd Ave NE/NE 103rd 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>	Northgate

This project provides for the design and construction of a new traffic signal and curb improvements at the intersection of 3rd Avenue NE and NE 103rd Street. The signalization project provides a safe, four-way intersection for the new arterial being constructed as part of the joint King County/City of Seattle project to construct 3rd Avenue NE, just south of Northgate Mall between 100th Street and NE 103rd Street (see 3rd Avenue NE Extension - TC366460). The project supports ongoing development in the Northgate area. There are landscape establishment costs in 2011 and 2012.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	344	20	0	0	0	0	0	0	364
City Light Fund Revenues	59	0	0	0	0	0	0	0	59
Private Funding/Donations	45	0	0	0	0	0	0	0	45
<b>Total:</b>	448	20	0	0	0	0	0	0	468
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	344	20	0	0	0	0	0	0	364
Transportation Operating Fund	104	0	0	0	0	0	0	0	104
<b>Total*:</b>	448	20	0	0	0	0	0	0	468
<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		10	10	0	0	0	0	0	20
<b>Total:</b>		10	10	0	0	0	0	0	20

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
2009 Multipurpose LTGO Bond Fund	459	54	0	0	0	0	0	0	513
<b>Total:</b>	459	54	0	0	0	0	0	0	513
<b>Fund Appropriations/Allocations</b>									
2009 Multipurpose LTGO Bond Fund	459	54	0	0	0	0	0	0	513
<b>Total*:</b>	459	54	0	0	0	0	0	0	513
<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		48	3	3	0	0	0	0	54
<b>Total:</b>		48	3	3	0	0	0	0	54

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## 2012 - 2017 Adopted 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, and the Seawall. Replacement of these structures will enhance overall safety, as both of these structures are seismically vulnerable.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Federal Grant Funds	3,800	0	0	0	0	0	0	0	3,800
State Gas Taxes - Arterial City Street Fund	224	0	0	0	0	0	0	0	224
General Subfund Revenues	2,886	65	0	0	0	0	0	0	2,951
King County Funds	2,263	2,446	2,000	5,000	15,000	5,800	0	0	32,509
Partnership Funds	10	0	0	0	0	0	0	0	10
State Grant Funds	5,951	3,574	4,327	24,300	27,700	27,500	83,800	82,200	259,352
Commercial Parking Tax	0	5,300	2,500	1,800	1,500	1,600	1,600	1,400	15,700
2005 LTGO Bond	5,000	0	0	0	0	0	0	0	5,000
Transportation Bond Funds	0	0	0	5,800	0	0	0	0	5,800
Seawall Levy	0	0	0	0	81,800	91,200	97,000	0	270,000
Local Improvement District Bonds	0	0	0	0	0	30,400	54,800	54,780	139,980
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	2,919	1	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	1,754	16	0	0	0	0	0	0	1,770
2010 Multipurpose LTGO Bond Fund	6,564	3,876	0	0	0	0	0	0	10,440
2011 Multipurpose LTGO bond Fund	0	14,900	0	0	0	0	0	0	14,900
2012 Multipurpose LTGO Bond Fund	0	0	5,800	0	0	0	0	0	5,800
Interfund Loan	0	0	2,000	7,600	10,400	0	0	0	20,000
<b>Total:</b>	<b>42,072</b>	<b>30,178</b>	<b>16,627</b>	<b>44,500</b>	<b>136,400</b>	<b>156,500</b>	<b>237,200</b>	<b>138,380</b>	<b>801,857</b>

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## **2012 - 2017 Adopted Capital Improvement Program**



## Seattle Department of Transportation

### Fund Appropriations/Allocations

Transportation Operating Fund	15,134	11,385	8,827	31,100	44,200	34,900	85,400	83,600	314,546
2005 LTGO Capital Project Fund	5,000	0	0	0	0	0	0	0	5,000
Transportation Bond Fund	0	0	0	5,800	81,800	121,600	151,800	54,780	415,780
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	2,919	1	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	1,754	16	0	0	0	0	0	0	1,770
2010 Multipurpose LTGO Bond Fund	6,564	3,876	0	0	0	0	0	0	10,440
2011 Multipurpose LTGO Bond Fund	0	14,900	0	0	0	0	0	0	14,900
2012 Multipurpose LTGO Bond Fund	0	0	5,800	0	0	0	0	0	5,800
Central Waterfront Improvement Fund	0	0	2,000	7,600	10,400	0	0	0	20,000
<b>Total*:</b>	42,072	30,178	16,627	44,500	136,400	156,500	237,200	138,380	801,857
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Transportation Operating Fund	10,711	9,500	31,100	44,200	34,900	85,400	83,600	299,411
2005 LTGO Capital Project Fund	0	0	0	0	0	0	0	0
Transportation Bond Fund	0	0	5,800	81,800	121,600	151,800	54,780	415,780
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	1	0	0	0	0	0	0	1
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	16	0	0	0	0	0	0	16
2010 Multipurpose LTGO Bond Fund	3,876	0	0	0	0	0	0	3,876
To Be Determined	0	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund	6,200	8,700	0	0	0	0	0	14,900
2012 Multipurpose LTGO Bond Fund	0	5,800	0	0	0	0	0	5,800
Central Waterfront Improvement Fund	0	2,000	7,600	10,400	0	0	0	20,000
<b>Total:</b>	<b>20,803</b>	<b>26,000</b>	<b>44,500</b>	<b>136,400</b>	<b>156,500</b>	<b>237,200</b>	<b>138,380</b>	<b>759,783</b>

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### 2012 - 2017 Adopted 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. Streets in design and planned for construction in 2011 or later include portions of 15th Avenue NE, Dexter Avenue North, Ellis Avenue South, South Albro Street, South Corson Street, East Marginal Way South, Airport Way South, Rainier Avenue South, N/NW 85th St, NE Ravenna Boulevard, Greenwood Avenue North, Delridge Way SW, Holman Road NW, and NE 125th Street.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
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*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Revenue Sources

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	0	0	0	0	0	0	11,110
Transportation Funding Package - Parking Tax	12,547	2,597	132	0	0	0	0	0	15,276
Transportation Funding Package - Business Transportation Tax	5,311	1,939	0	0	0	0	0	0	7,250
Transportation Funding Package - Lid Lift	48,198	23,346	14,150	12,227	10,770	14,649	19,350	19,350	162,040
City Light Fund Revenues	68	0	0	0	0	0	0	0	68
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	0	0	0	0	0	0	0	3,125
Interfund Loan	0	11,104	0	0	0	0	0	0	11,104
King County Funds	578	2	0	0	0	0	0	0	580
Partnership Funds	1,341	600	0	2,455	0	0	0	0	4,396
Private Funding/Donations	116	0	0	0	0	0	0	0	116
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	14,975	325	0	0	0	0	0	0	15,300
To be determined	0	0	0	0	0	2,875	0	0	2,875
<b>Total:</b>	<b>119,210</b>	<b>44,413</b>	<b>14,282</b>	<b>14,682</b>	<b>10,770</b>	<b>17,524</b>	<b>19,350</b>	<b>19,350</b>	<b>259,581</b>

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

### 2012 - 2017 Adopted 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	16,505
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	501	0	0	0	0	0	0	0	501
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Cumulative Reserve Subfund - Street Vacation Subaccount	950	0	0	0	0	0	0	0	950
Transportation Operating Fund	85,226	44,088	14,282	14,682	10,770	14,649	19,350	19,350	222,397
Transportation Bond Fund	800	0	0	0	0	0	0	0	800
2009 Multipurpose LTGO Bond Fund	14,975	325	0	0	0	0	0	0	15,300
<b>Total*:</b>	119,210	44,413	14,282	14,682	10,770	14,649	19,350	19,350	256,706

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	0	0	0	0	0	0	0
Transportation Operating Fund	28,935	26,310	17,807	10,770	14,649	19,350	19,350		137,171
Transportation Bond Fund	0	0	0	0	0	0	0		0
2009 Multipurpose LTGO Bond Fund	325	0	0	0	0	0	0		325
To Be Determined	0	0	0	0	2,875	0	0		2,875
<b>Total:</b>	29,260	26,310	17,807	10,770	17,524	19,350	19,350		140,371

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3,989	0	0	0	0	0	0	0	3,989
Real Estate Excise Tax I	750	0	0	0	0	0	0	0	750
Vehicle Licensing Fees	0	0	600	600	600	600	600	600	3,600
Drainage and Wastewater Rates	45	0	0	0	0	0	0	0	45
Transportation Funding Package - Parking Tax	500	0	711	0	1,650	1,650	1,650	1,650	7,811
Transportation Funding Package - Lid Lift	0	2,575	997	650	650	650	650	650	6,822
State Gas Taxes - Arterial City Street Fund	551	46	0	0	0	0	0	0	597
State Gas Taxes - City Street Fund	1,329	0	0	0	0	0	0	0	1,329
General Subfund Revenues	200	400	0	0	0	0	0	0	600
Property Sales and Interest Earnings	0	0	1,650	1,650	0	0	0	0	3,300
<b>Total:</b>	<b>7,364</b>	<b>3,021</b>	<b>3,958</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>28,843</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,989	0	0	0	0	0	0	0	3,989
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	750	0	0	0	0	0	0	0	750
Transportation Operating Fund	2,625	3,021	3,958	2,900	2,900	2,900	2,900	2,900	24,104
<b>Total*:</b>	<b>7,364</b>	<b>3,021</b>	<b>3,958</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>28,843</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	0	0	0	0	0	0	0	788
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	0	0	2,000	9,000	5,700	5,000	4,000	28,906
<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	0	0	0	0	0	0	0	3,076
<b>Total*:</b>	3,206	0	0	0	0	0	0	0	3,206
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	229	14	0	0	0	0	0	0	243
Vehicle Licensing Fees	0	0	1,200	1,200	1,200	1,200	1,200	1,200	7,200
Transportation Funding Package - Parking Tax	133	91	0	0	0	0	0	0	224
Transportation Funding Package - Business Transportation Tax	980	0	0	0	0	0	0	0	980
Transportation Funding Package - Lid Lift	8,678	4,072	4,097	4,189	4,283	4,379	4,448	4,556	38,702
State Gas Taxes - Arterial City Street Fund	0	315	0	0	0	0	0	0	315
General Subfund Revenues	0	300	200	0	0	0	0	0	500
State Grant Funds	50	0	0	0	0	0	0	0	50
<b>Total:</b>	10,070	4,792	5,497	5,389	5,483	5,579	5,648	5,756	48,214
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	229	14	0	0	0	0	0	0	243
Transportation Operating Fund	9,841	4,778	5,497	5,389	5,483	5,579	5,648	5,756	47,971
<b>Total*:</b>	10,070	4,792	5,497	5,389	5,483	5,579	5,648	5,756	48,214
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted Capital Improvement Program



## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	14	0	0	0	0	0	0	14
Transportation Operating Fund	3,860	5,497	5,389	5,483	5,579	5,648	5,756	37,212
<b>Total:</b>	3,874	5,497	5,389	5,483	5,579	5,648	5,756	37,226

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	297	0	0	0	0	0	0	0	297
Vehicle Licensing Fees	200	0	0	0	0	0	0	0	200
State Gas Taxes - Arterial City Street Fund	1,009	283	250	258	265	273	281	290	2,909
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>	2,117	283	250	258	265	273	281	290	4,017
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	297	0	0	0	0	0	0	0	297
Transportation Operating Fund	1,820	283	250	258	265	273	281	290	3,720
<b>Total*:</b>	2,117	283	250	258	265	273	281	290	4,017
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		283	250	258	265	273	281	290	1,900
<b>Total:</b>		283	250	258	265	273	281	290	1,900

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	9,543	3,076	2,400	2,000	2,000	2,000	2,000	2,000	25,019
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	0	325	0	0	0	0	0	325
State Gas Taxes - Arterial City Street Fund	402	135	135	135	135	135	135	135	1,347
State Gas Taxes - City Street Fund	270	0	0	0	0	0	0	0	270
General Subfund Revenues	695	200	294	0	0	0	0	0	1,189
King County Funds	10	0	0	0	0	0	0	0	10
<b>Total:</b>	11,332	3,411	3,154	2,135	2,135	2,135	2,135	2,135	28,572
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	9,543	3,076	2,400	2,000	2,000	2,000	2,000	2,000	25,019
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	1,557	335	754	135	135	135	135	135	3,321
<b>Total*:</b>	11,332	3,411	3,154	2,135	2,135	2,135	2,135	2,135	28,572
<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.*

## 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,088	2,400	2,000	2,000	2,000	2,000	2,000	15,488
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	135	754	135	135	135	135	135	1,564
<b>Total:</b>	3,223	3,154	2,135	2,135	2,135	2,135	2,135	17,052

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### 2012 - 2017 Adopted 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 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, Yesler Over 4th Avenue, 105th Street-Thornton Creek, 110th St-Thornton Creek, 39th Ave NE-Thornton Creek, and 45th Avenue NE-Thornton Creek.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	320	0	0	0	0	0	0	0	320
Federal Grant Funds	1,491	4,583	0	0	0	0	0	0	6,074
Transportation Funding Package - Parking Tax	2,195	1,743	2,599	0	0	0	0	0	6,537
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	0	25	207	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	4,200	1,800	0	0	0	0	0	7,000
Transportation Funding Package - Bonds	0	0	0	1,625	14,947	0	0	0	16,572
2008 Multipurpose LTGO Bond Fund	3,965	0	0	0	0	0	0	0	3,965
2009 Multipurpose LTGO Bond Fund	8,397	5,944	0	0	0	0	0	0	14,341
2010 Multipurpose LTGO Bond Fund	7,839	22,625	0	0	0	0	0	0	30,464
To be determined	0	0	0	0	9,834	3,892	0	0	13,726
2011 Multipurpose LTGO bond Fund	0	10,192	0	0	0	0	0	0	10,192
<b>Total:</b>	<b>27,829</b>	<b>49,312</b>	<b>4,606</b>	<b>1,625</b>	<b>24,781</b>	<b>3,892</b>	<b>0</b>	<b>0</b>	<b>112,045</b>

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

## 2012 - 2017 Adopted 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	7,308	10,551	4,606	0	0	0	0	0	22,465
Transportation Bond Fund	0	0	0	1,625	14,947	0	0	0	16,572
2008 Multipurpose LTGO Bond Fund	3,965	0	0	0	0	0	0	0	3,965
2009 Multipurpose LTGO Bond Fund	8,397	5,944	0	0	0	0	0	0	14,341
2010 Multipurpose LTGO Bond Fund	7,839	22,625	0	0	0	0	0	0	30,464
2011 Multipurpose LTGO Bond Fund	0	10,192	0	0	0	0	0	0	10,192
<b>Total*:</b>	27,829	49,312	4,606	1,625	14,947	0	0	0	98,319
<b>O &amp; M Costs (Savings)</b>			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	9,883	4,637	637	0	0	0	0	0	15,157
Transportation Bond Fund	0	0	1,625	14,947	0	0	0	0	16,572
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	4,395	1,250	298	0	0	0	0	0	5,944
2010 Multipurpose LTGO Bond Fund	11,481	10,537	607	0	0	0	0	0	22,625
To Be Determined	0	0	0	9,834	3,892	0	0	0	13,726
2011 Multipurpose LTGO Bond Fund	120	5,850	687	3,534	0	0	0	0	10,192
<b>Total:</b>	25,879	22,274	3,855	28,315	3,892	0	0	0	84,216

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	150	0	0	0	0	0	0	0	150
Federal Grant Funds	0	1,550	1,682	48	0	0	0	0	3,280
Transportation Funding Package - Parking Tax	826	2,561	0	0	0	0	0	0	3,387
Transportation Funding Package - Business Transportation Tax	440	448	0	0	0	0	0	0	888
Transportation Funding Package - Lid Lift	2,834	2,469	1,328	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	4,463	7,701	0	0	0	0	0	0	12,164
2011 Multipurpose LTGO bond Fund	0	1,937	0	0	0	0	0	0	1,937
2012 Multipurpose LTGO Bond Fund	0	0	3,203	6,223	20	0	0	0	9,446
<b>Total:</b>	<b>10,379</b>	<b>17,387</b>	<b>6,213</b>	<b>6,271</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,270</b>

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

### 2012 - 2017 Adopted 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	4,194	7,747	3,010	48	0	0	0	0	14,999
2008 Multipurpose LTGO Bond Fund	1,572	2	0	0	0	0	0	0	1,574
2010 Multipurpose LTGO Bond Fund	4,463	7,701	0	0	0	0	0	0	12,164
2011 Multipurpose LTGO Bond Fund	0	1,937	0	0	0	0	0	0	1,937
2012 Multipurpose LTGO Bond Fund	0	0	3,203	6,223	20	0	0	0	9,446
<b>Total*:</b>	10,379	17,387	6,213	6,271	20	0	0	0	40,270
<b>O &amp; M Costs (Savings)</b>			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
Transportation Operating Fund		1,865	8,547	393	0	0	0	0	10,805
2008 Multipurpose LTGO Bond Fund		2	0	0	0	0	0	0	2
2010 Multipurpose LTGO Bond Fund		2,268	5,433	0	0	0	0	0	7,701
2011 Multipurpose LTGO Bond Fund		1,193	744	0	0	0	0	0	1,937
2012 Multipurpose LTGO Bond Fund		0	3,203	6,223	20	0	0	0	9,446
<b>Total:</b>		5,328	17,927	6,616	20	0	0	0	29,891

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

## 2012 - 2017 Adopted 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>	Q4/2014
<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 is planned for construction in 2011 and 2012.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	377	2,757	0	0	0	0	0	0	3,134
Street Vacations	380	0	0	0	0	0	0	0	380
Vehicle Licensing Fees	1,643	0	0	0	0	0	0	0	1,643
Drainage and Wastewater Rates	373	0	0	0	0	0	0	0	373
Federal Grant Funds	4,938	1,000	0	0	0	0	0	0	5,938
Transportation Funding Package - Business Transportation Tax	295	164	0	0	0	0	0	0	459
Transportation Funding Package - Lid Lift	515	2,233	0	0	0	0	0	0	2,748
City Light Fund Revenues	369	0	0	20	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	0	0	0	0	0	0	372
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	308	163	0	40	0	0	0	0	511
To be determined	0	0	0	810	0	0	0	0	810
Seattle Voter-Approved Levy	132	3,618	0	0	0	0	0	0	3,750
<b>Total:</b>	<b>14,492</b>	<b>10,435</b>	<b>0</b>	<b>870</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25,797</b>

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

## 2012 - 2017 Adopted 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	377	2,757	0	0	0	0	0	0	3,134
Cumulative Reserve Subfund - Street Vacation Subaccount	380	0	0	0	0	0	0	0	380
Transportation Operating Fund	10,678	3,897	0	20	0	0	0	0	14,595
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	308	163	0	40	0	0	0	0	511
2008 Parks Levy Fund	132	3,618	0	0	0	0	0	0	3,750
<b>Total*:</b>	14,492	10,435	0	60	0	0	0	0	24,987
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	20	120

### Spending Plan by Fund

Cumulative Reserve Subfund - Unrestricted Subaccount	268	1,659	830	0	0	0	0	2,757
Transportation Operating Fund	267	3,629	20	0	0	0	0	3,917
2009 Multipurpose LTGO Bond Fund	163	0	40	0	0	0	0	203
To Be Determined	0	0	810	0	0	0	0	810
2008 Parks Levy Fund	17	3,561	20	20	0	0	0	3,618
<b>Total:</b>	715	8,850	1,720	20	0	0	0	11,305

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Center City Access Strategy Program

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	TC366600	<b>End Date:</b>	ONGOING
<b>Location:</b>	Downtown		
<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>	Not in an Urban Village

This program supports the evaluation, prioritization, design, and construction of projects which may include, but are not limited to, transit signal priority and other signal upgrades, rechannelization (striping), and pedestrian and bicycle improvements. The program improves transit, pedestrian, bicycle, and freight movement into and around the Center City as part of SDOT's broader effort to build a sustainable transportation system.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	211	189	0	0	0	0	0	0	400
State Gas Taxes - Arterial City Street Fund	0	100	100	0	0	0	0	0	200
General Subfund Revenues	253	190	0	0	0	0	0	0	443
King County Funds	907	548	0	0	0	0	0	0	1,455
Partnership Funds	25	0	0	0	0	0	0	0	25
State Grant Funds	2,615	120	0	0	0	0	0	0	2,735
<b>Total:</b>	4,011	1,147	100	0	0	0	0	0	5,258
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	211	189	0	0	0	0	0	0	400
Transportation Operating Fund	3,800	958	100	0	0	0	0	0	4,858
<b>Total*:</b>	4,011	1,147	100	0	0	0	0	0	5,258
<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		189	0	0	0	0	0	0	189
Transportation Operating Fund		947	108	3	0	0	0	0	1,058
<b>Total:</b>		1,136	108	3	0	0	0	0	1,247

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
2009 Multipurpose LTGO Bond Fund	451	549	0	0	0	0	0	0	1,000
<b>Total:</b>	451	549	0	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
2009 Multipurpose LTGO Bond Fund	451	549	0	0	0	0	0	0	1,000
<b>Total*:</b>	451	549	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		112	437	0	0	0	0	0	549
<b>Total:</b>		112	437	0	0	0	0	0	549

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	171	0	0	0	0	0	0	0	171
Federal Grant Funds	1,760	0	0	0	0	0	0	0	1,760
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
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	1,011	389	0	0	0	0	0	0	1,400
<b>Total:</b>	4,825	389	0	0	0	0	0	0	5,214
<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	3,243	0	0	0	0	0	0	0	3,243
2000 Parks Levy Fund	400	0	0	0	0	0	0	0	400
2009 Multipurpose LTGO Bond Fund	1,011	389	0	0	0	0	0	0	1,400
<b>Total*:</b>	4,825	389	0	0	0	0	0	0	5,214
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	20	120

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### 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

2009 Multipurpose LTGO Bond Fund	241	148	0	0	0	0	0	389
<b>Total:</b>	241	148	0	0	0	0	0	389

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Vehicle Licensing Fees	80	0	0	0	0	0	0	0	80
Federal Grant Funds	353	0	0	0	0	0	0	0	353
Transportation Funding Package - Parking Tax	56	6	0	0	0	0	0	0	62
Transportation Funding Package - Lid Lift	187	45	44	46	47	49	50	51	519
State Gas Taxes - Arterial City Street Fund	535	95	104	106	109	112	116	119	1,296
State Gas Taxes - City Street Fund	156	0	0	0	0	0	0	0	156
<b>Total:</b>	1,367	146	148	152	156	161	166	170	2,466
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	1,367	146	148	152	156	161	166	170	2,466
<b>Total*:</b>	1,367	146	148	152	156	161	166	170	2,466
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		125	148	152	156	161	166	170	1,078
<b>Total:</b>		125	148	152	156	161	166	170	1,078

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## 2012 - 2017 Adopted 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 2012 costs as follows: Alaskan Way Viaduct /Tunnel & Seawall - TC366050 (2005 Bond - \$375,000; 2006 Bond - \$393,000; 2007 Bond - \$185,000); Fremont Bridge Approaches and Electrical Major Maintenance - TC365790 (\$110,000); and Mercer Corridor - TC365500 (\$466,000).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	11,734	2,699	1,529	1,371	1,372	1,372	1,372	1,372	22,821
2006 LTGO Bond	420	0	0	0	0	0	0	0	420
<b>Total:</b>	12,154	2,699	1,529	1,371	1,372	1,372	1,372	1,372	23,241
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	11,734	2,699	1,529	1,371	1,372	1,372	1,372	1,372	22,821
2006 LTGO Capital Projects Fund	420	0	0	0	0	0	0	0	420
<b>Total*:</b>	12,154	2,699	1,529	1,371	1,372	1,372	1,372	1,372	23,241
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted 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>	Q2/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	18	0	0	0	0	0	0	0	18
King County Development Credits	479	0	0	0	0	0	0	0	479
King County Funds	302	46	0	0	0	0	0	0	348
Private Funding/Donations	4	5	0	0	0	0	0	0	9
<b>Total:</b>	803	51	0	0	0	0	0	0	854
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	803	51	0	0	0	0	0	0	854
<b>Total*:</b>	803	51	0	0	0	0	0	0	854
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		41	10	0	0	0	0	0	51
<b>Total:</b>		41	10	0	0	0	0	0	51

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
SDOT Fund Balance	0	0	250	0	0	0	0	0	250
<b>Total:</b>	0	0	250	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	250	0	0	0	0	0	250
<b>Total*:</b>	0	0	250	0	0	0	0	0	250

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

## 2012 - 2017 Adopted 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 Project also provides planning for a transit connection between the First Hill streetcar and the South Lake Union streetcar including, but not limited to, modal and corridor analyses for such a connection. Funds for planning a transit connection between the First Hill streetcar and the South Lake Union streetcar are to be determined. The system will provide reliable, frequent service (headways of approximately 10 minutes during peak periods) and operate the same hours as the light rail system (at least 20 hours per day Monday through Saturday and at least 12 hours per day Sundays). A light maintenance vehicle storage base and procurement of a six-vehicle streetcar fleet is also included in the scope of the project.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Sound Transit Funds	3,653	29,177	48,623	46,150	5,177	0	0	0	132,780
<b>Total:</b>	3,653	29,177	48,623	46,150	5,177	0	0	0	132,780
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	3,653	29,177	48,623	46,150	5,177	0	0	0	132,780
<b>Total*:</b>	3,653	29,177	48,623	46,150	5,177	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		24,400	53,400	46,150	5,177	0	0	0	129,127
<b>Total:</b>		24,400	53,400	46,150	5,177	0	0	0	129,127

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### 2012 - 2017 Adopted 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>	Duwamish		
<b>Neighborhood Plan:</b>	Duwamish	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Not in an 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	654	534	190	0	0	0	0	0	1,378
General Subfund Revenues	0	0	0	0	0	0	0	0	0
Property Sales and Interest Earnings	0	0	445	400	190	0	0	0	1,035
<b>Total:</b>	654	534	635	400	190	0	0	0	2,413
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	654	534	635	400	190	0	0	0	2,413
<b>Total*:</b>	654	534	635	400	190	0	0	0	2,413
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		534	635	400	190	0	0	0	1,759
<b>Total:</b>		534	635	400	190	0	0	0	1,759

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Grant Match Reserve Opportunity Fund

<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>	TC365910	<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 project is a reserve to provide a local match for potential new grants, appropriations, and partnership opportunities. SDOT typically applies for grants or requests appropriations through a variety of state and federal funding sources. Projects are located citywide and can address a wide range of transportation improvements including neighborhood plan projects, mobility improvements, asset preservation, safety improvements, or economic development opportunities.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
General Subfund Revenues	5	0	0	0	0	0	0	0	5
<b>Total:</b>	5	0	0	0	0	0	0	0	5
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	5	0	0	0	0	0	0	0	5
<b>Total*:</b>	5	0	0	0	0	0	0	0	5
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	2,894	142	0	0	0	0	0	0	3,036
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>	7,048	142	0	0	0	0	0	0	7,190
<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	6,743	142	0	0	0	0	0	0	6,885
<b>Total*:</b>	7,048	142	0	0	0	0	0	0	7,190
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		112	15	15	0	0	0	0	142
<b>Total:</b>		112	15	15	0	0	0	0	142

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3,791	299	288	288	288	288	288	288	5,818
Federal Grant Funds	156	844	0	0	0	0	0	0	1,000
State Gas Taxes - Arterial City Street Fund	0	9	39	38	49	58	67	76	336
General Subfund Revenues	240	0	0	0	0	0	0	0	240
Partnership Funds	10	0	0	0	0	0	0	0	10
<b>Total:</b>	4,197	1,152	327	326	337	346	355	364	7,404
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,791	299	288	288	288	288	288	288	5,818
Transportation Operating Fund	406	853	39	38	49	58	67	76	1,586
<b>Total*:</b>	4,197	1,152	327	326	337	346	355	364	7,404
<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	288	288	288	288	288	288	2,027
Transportation Operating Fund		853	39	38	49	58	67	76	1,180
<b>Total:</b>		1,152	327	326	337	346	355	364	3,207

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	4,245	150	250	200	200	200	200	200	5,645
Emergency Subfund Revenues	200	199	0	0	0	0	0	0	399
Drainage and Wastewater Rates	49	0	0	0	0	0	0	0	49
Federal Grant Funds	739	370	0	0	0	0	0	0	1,109
State Gas Taxes - Arterial City Street Fund	365	380	204	208	212	216	221	227	2,033
General Subfund Revenues	1	0	0	0	0	0	0	0	1
<b>Total:</b>	5,599	1,099	454	408	412	416	421	427	9,236
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,245	150	250	200	200	200	200	200	5,645
Emergency Subfund	200	199	0	0	0	0	0	0	399
Transportation Operating Fund	1,154	750	204	208	212	216	221	227	3,192
<b>Total*:</b>	5,599	1,099	454	408	412	416	421	427	9,236
<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		150	250	200	200	200	200	200	1,400
Transportation Operating Fund		751	204	208	212	216	221	227	2,039
<b>Total:</b>		901	454	408	412	416	421	427	3,439

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## 2012 - 2017 Adopted Capital Improvement Program



# Seattle Department of Transportation

## Intelligent Transportation Systems (ITS) 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>	Q4/2003
<b>Project ID:</b>	TC365870	<b>End Date:</b>	Q4/2011
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	BINMIC (Ballard Interbay Northend)	<b>Neighborhood Plan Matrix:</b>	T-20
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project provides planning and local matching funds for the new ITS grants, appropriations, and partnership opportunities. This is an ongoing effort to implement ITS improvements on key arterials, districts, and deployment subareas. The projects have been identified and prioritized in the ITS Strategic Plan 2010-2020.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	75	0	0	0	0	0	0	0	75
Federal Grant Funds	2,866	0	0	0	0	0	0	0	2,866
Transportation Funding Package - Lid Lift	47	0	0	0	0	0	0	0	47
State Gas Taxes - Arterial City Street Fund	1,097	15	0	0	0	0	0	0	1,112
State Gas Taxes - City Street Fund	164	0	0	0	0	0	0	0	164
General Subfund Revenues	46	0	0	0	0	0	0	0	46
King County Funds	94	0	0	0	0	0	0	0	94
Partnership Funds	2,605	0	0	0	0	0	0	0	2,605
Port of Seattle Funds	500	0	0	0	0	0	0	0	500
Private Funding/Donations	430	0	0	0	0	0	0	0	430
State Grant Funds	770	0	0	0	0	0	0	0	770
Sound Transit Funds	125	0	0	0	0	0	0	0	125
<b>Total:</b>	<b>8,819</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,834</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	75	0	0	0	0	0	0	0	75
Transportation Operating Fund	8,744	15	0	0	0	0	0	0	8,759
<b>Total*:</b>	<b>8,819</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,834</b>
<b>O &amp; M Costs (Savings)</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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## 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Federal Grant Funds	7,588	9,372	12,914	0	0	0	0	0	29,874
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	22	0	0	0	0	0	0	45
Partnership Funds	15	0	0	0	0	0	0	0	15
Private Funding/Donations	227	2	0	0	0	0	0	0	229
State Grant Funds	4,300	6,389	1,250	0	0	0	0	0	11,939
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	0	4,011	0	0	0	0	0	0	4,011
<b>Total:</b>	<b>18,357</b>	<b>19,796</b>	<b>14,164</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>52,317</b>
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	12,368	15,785	14,164	0	0	0	0	0	42,317
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	0	4,011	0	0	0	0	0	0	4,011
<b>Total*:</b>	<b>18,357</b>	<b>19,796</b>	<b>14,164</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>52,317</b>
<b>O &amp; M Costs (Savings)</b>			46	46	51	52	53	54	302

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## 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Transportation Operating Fund	14,645	15,283	0	0	0	0	0	29,928
2011 Multipurpose LTGO Bond Fund	2,715	1,317	0	0	0	0	0	4,032
<b>Total:</b>	17,360	16,600	0	0	0	0	0	33,960

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### 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Lake Union Ship Canal Trail

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1990
<b>Project ID:</b>	TC327000	<b>End Date:</b>	Q2/2012
<b>Location:</b>	W Nickerson St/6th Ave W/15th Ave W		
<b>Neighborhood Plan:</b>	Queen Anne	<b>Neighborhood Plan Matrix:</b>	T11
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Ballard Interbay

This project completes Phase II of a multi-use trail extending from the Fremont Bridge to Fisherman's Terminal, just west of 15th Avenue NW. Phase II begins at Sixth Avenue W, extends westward for about 0.75 miles, and is largely within, or adjacent to, a railroad right-of-way. This trail segment is a critical "missing link" in an urban and regional trails system that, when completed, will make it possible to bicycle almost exclusively on dedicated trails from Redmond to downtown Seattle.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	629	0	0	0	0	0	0	0	629
Drainage and Wastewater Rates	81	0	0	0	0	0	0	0	81
Federal Grant Funds	2,574	1,293	0	0	0	0	0	0	3,867
Transportation Funding Package - Lid Lift	32	238	0	0	0	0	0	0	270
State Gas Taxes - Arterial City Street Fund	8	28	0	0	0	0	0	0	36
State Gas Taxes - City Street Fund	124	0	0	0	0	0	0	0	124
Interagency Commission on Outdoor Recreation Grants	585	0	0	0	0	0	0	0	585
King County Voter-Approved Debt	2,054	0	0	0	0	0	0	0	2,054
Seattle Voter-Approved Levy	760	600	0	0	0	0	0	0	1,360
2009 Multipurpose LTGO Bond Fund	61	958	0	0	0	0	0	0	1,019
<b>Total:</b>	<b>6,908</b>	<b>3,117</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,025</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	629	0	0	0	0	0	0	0	629
Transportation Operating Fund	3,404	1,559	0	0	0	0	0	0	4,963
Open Spaces & Trails Bond Fund	2,054	0	0	0	0	0	0	0	2,054
2000 Parks Levy Fund	760	600	0	0	0	0	0	0	1,360
2009 Multipurpose LTGO Bond Fund	61	958	0	0	0	0	0	0	1,019
<b>Total*:</b>	<b>6,908</b>	<b>3,117</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,025</b>
<b>O &amp; M Costs (Savings)</b>			<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>120</b>

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

### 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Transportation Operating Fund	1,550	10	0	0	0	0	0	1,560
2000 Parks Levy Fund	532	68	0	0	0	0	0	600
2009 Multipurpose LTGO Bond Fund	958	0	0	0	0	0	0	958
<b>Total:</b>	3,040	78	0	0	0	0	0	3,118

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

### 2012 - 2017 Adopted 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 five to ten 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 accidents and meet state regulatory requirements. Locations are selected based on accident and volume data.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Vehicle Licensing Fees	47	0	0	0	0	0	0	0	47
Federal Grant Funds	563	0	0	0	0	0	0	0	563
Transportation Funding Package - Parking Tax	1	178	97	0	30	113	116	119	654
Transportation Funding Package - Lid Lift	477	204	89	195	173	96	99	102	1,435
State Gas Taxes - Arterial City Street Fund	914	91	0	0	0	0	0	0	1,005
State Gas Taxes - City Street Fund	399	0	0	0	0	0	0	0	399
General Subfund Revenues	675	0	0	0	0	0	0	0	675
Private Funding/Donations	50	0	0	0	0	0	0	0	50
<b>Total:</b>	3,126	473	186	195	203	209	215	221	4,828
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	3,126	473	186	195	203	209	215	221	4,828
<b>Total*:</b>	3,126	473	186	195	203	209	215	221	4,828
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		473	186	195	203	209	215	221	1,702
<b>Total:</b>		473	186	195	203	209	215	221	1,702

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

## 2012 - 2017 Adopted 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>	Q2/2015
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	696	34	0	0	0	0	0	0	730
Street Vacations	400	0	0	0	0	0	0	0	400
Transportation Funding Package - Parking Tax	0	4,703	0	0	0	0	0	0	4,703
2012 Multipurpose LTGO Bond Fund	0	0	5,802	513	10	10	0	0	6,335
<b>Total:</b>	1,096	4,737	5,802	513	10	10	0	0	12,168
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	696	34	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	0	4,703	0	0	0	0	0	0	4,703
2012 Multipurpose LTGO Bond Fund	0	0	5,802	513	10	10	0	0	6,335
<b>Total*:</b>	1,096	4,737	5,802	513	10	10	0	0	12,168
<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		34	0	0	0	0	0	0	34
Cumulative Reserve Subfund - Street Vacation Subaccount		0	0	0	0	0	0	0	0
Transportation Operating Fund		505	4,198	0	0	0	0	0	4,703
2012 Multipurpose LTGO Bond Fund		0	5,802	513	10	10	0	0	6,335
<b>Total:</b>		539	10,000	513	10	10	0	0	11,072

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	105	2	0	0	0	0	0	0	107
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>	9,465	2	0	0	0	0	0	0	9,467
<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	9,216	2	0	0	0	0	0	0	9,218
<b>Total*:</b>	9,465	2	0	0	0	0	0	0	9,467
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
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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## 2012 - 2017 Adopted 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>	Q4/2015
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
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## 2012 - 2017 Adopted 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	219	901	80	259	0	0	0	0	1,459
Federal Grant Funds	3,388	37,458	0	0	0	0	0	0	40,846
Transportation Funding Package - Parking Tax	2,912	0	0	0	0	0	0	0	2,912
City Light Fund Revenues	1,557	2,443	2,000	2,511	0	0	0	0	8,511
State Gas Taxes - Arterial City Street Fund	950	10	0	0	0	0	0	0	960
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
Interfund Loan	0	0	0	4,900	0	0	0	0	4,900
Private Funding/Donations	18,154	11,571	3,500	375	0	0	0	0	33,600
Water Rates	241	985	274	431	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
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	32,375	9,799	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	0	5,000	0	0	0	0	0	5,000
<b>Total:</b>	<b>86,873</b>	<b>66,267</b>	<b>10,854</b>	<b>8,476</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>172,470</b>

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### 2012 - 2017 Adopted 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	27,815	53,368	5,854	8,476	0	0	0	0	95,513
2005 LTGO Capital Project Fund	1,912	0	0	0	0	0	0	0	1,912
Transportation Bond Fund	4,560	0	0	0	0	0	0	0	4,560
2002B LTGO Capital Project Fund	400	0	0	0	0	0	0	0	400
2003 LTGO Capital Project Fund	600	0	0	0	0	0	0	0	600
2006 LTGO Capital Projects Fund	2,500	0	0	0	0	0	0	0	2,500
2007 Multipurpose LTGO Bond Fund	16,300	0	0	0	0	0	0	0	16,300
2008 Multipurpose LTGO Bond Fund	32,375	9,799	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	0	5,000	0	0	0	0	0	5,000
<b>Total*:</b>	86,873	66,267	10,854	8,476	0	0	0	0	172,470
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

### Spending Plan by Fund

Transportation Operating Fund	15,439	25,560	25,642	1,057	0	0	0	67,698
Transportation Bond Fund	0	5,000	0	0	0	0	0	5,000
2008 Multipurpose LTGO Bond Fund	9,711	0	88	0	0	0	0	9,799
2010 Multipurpose LTGO Bond Fund	0	2,440	400	130	130	0	0	3,100
<b>Total:</b>	25,150	33,000	26,130	1,187	130	0	0	85,597

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## 2012 - 2017 Adopted 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 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. In the 2012 budget process, Council adopted a proviso on this project.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Federal Grant Funds	535	655	0	7,000	0	0	0	0	8,190
Surplus Property Sales	0	0	0	29,900	2,700	0	0	0	32,600
2008 Multipurpose LTGO Bond Fund	1,957	7,043	0	0	0	0	0	0	9,000
To be determined	0	0	0	0	13,400	8,000	0	0	21,400
2011 Multipurpose LTGO bond Fund	0	8,137	0	0	0	0	0	0	8,137
2012 Multipurpose LTGO Bond Fund	0	0	11,173	0	0	0	0	0	11,173
<b>Total:</b>	2,492	15,835	11,173	36,900	16,100	8,000	0	0	90,500
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	535	655	0	36,900	2,700	0	0	0	40,790
2008 Multipurpose LTGO Bond Fund	1,957	7,043	0	0	0	0	0	0	9,000
2011 Multipurpose LTGO Bond Fund	0	8,137	0	0	0	0	0	0	8,137
2012 Multipurpose LTGO Bond Fund	0	0	11,173	0	0	0	0	0	11,173
<b>Total*:</b>	2,492	15,835	11,173	36,900	2,700	0	0	0	69,100
<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.*

## 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Transportation Operating Fund	655	0	36,900	2,700	0	0	0	40,255
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	7,043	0	0	0	0	0	0	7,043
To Be Determined	0	0	0	13,400	8,000	0	0	21,400
2011 Multipurpose LTGO Bond Fund	1,303	6,835	0	0	0	0	0	8,137
2012 Multipurpose LTGO Bond Fund	0	11,173	0	0	0	0	0	11,173
<b>Total:</b>	9,000	18,008	36,900	16,100	8,000	0	0	88,008

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	388	0	0	0	0	0	0	0	388
Federal Grant Funds	104	5	0	0	0	0	0	0	109
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	5	0	0	0	0	0	0	1,128
<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	5	0	0	0	0	0	0	740
<b>Total*:</b>	1,123	5	0	0	0	0	0	0	1,128
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		5	0	0	0	0	0	0	5
<b>Total:</b>		5	0	0	0	0	0	0	5

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Street Vacations	45	0	0	0	0	0	0	0	45
Federal Grant Funds	184	0	0	0	0	0	0	0	184
State Gas Taxes - Arterial City Street Fund	23	36	0	0	0	0	0	0	59
Seattle Voter-Approved Levy	247	997	0	0	0	0	0	0	1,244
<b>Total:</b>	499	1,033	0	0	0	0	0	0	1,532
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	45	0	0	0	0	0	0	0	45
Transportation Operating Fund	207	36	0	0	0	0	0	0	243
2000 Parks Levy Fund	247	997	0	0	0	0	0	0	1,244
<b>Total*:</b>	499	1,033	0	0	0	0	0	0	1,532
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	20	120
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		36	0	0	0	0	0	0	36
2000 Parks Levy Fund		826	146	15	10	0	0	0	997
<b>Total:</b>		863	146	15	10	0	0	0	1,034

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Vehicle Licensing Fees	828	198	198	198	198	400	400	400	2,820
Federal Grant Funds	37	0	0	0	0	0	0	0	37
State Gas Taxes - Arterial City Street Fund	2,104	224	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
Property Sales and Interest Earnings	0	0	202	202	202	0	0	0	606
<b>Total:</b>	5,670	422	400	400	400	400	400	400	8,492
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Transportation Operating Fund	5,417	422	400	400	400	400	400	400	8,239
<b>Total*:</b>	5,670	422	400	400	400	400	400	400	8,492
<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		379	400	400	400	400	400	400	2,779
<b>Total:</b>		379	400	400	400	400	400	400	2,779

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## 2012 - 2017 Adopted 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 accidents, and support pedestrian activity. Location choices are based upon pedestrian and vehicle volumes; school, senior citizen, and handicapped accessible crossing requirements; and accident 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 introduced onto the unfunded list for new signals.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	0	33	0	0	0	0	0	0	33
Transportation Funding Package - Lid Lift	732	272	267	321	335	287	295	303	2,812
State Gas Taxes - Arterial City Street Fund	1,236	0	39	0	0	0	0	0	1,275
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
Private Funding/Donations	0	180	0	0	0	0	0	0	180
State Grant Funds	0	0	585	0	0	0	0	0	585
<b>Total:</b>	5,144	485	891	321	335	287	295	303	8,061
<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	4,239	485	891	321	335	287	295	303	7,156
<b>Total*:</b>	5,144	485	891	321	335	287	295	303	8,061
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,060	0	0	0	0	0	0	0	1,060
State Gas Taxes - Arterial City Street Fund	217	153	105	115	124	132	135	138	1,119
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>	1,824	153	105	115	124	132	135	138	2,726
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,060	0	0	0	0	0	0	0	1,060
Transportation Operating Fund	764	153	105	115	124	132	135	138	1,666
<b>Total*:</b>	1,824	153	105	115	124	132	135	138	2,726
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		153	105	115	124	132	135	138	902
<b>Total:</b>		153	105	115	124	132	135	138	902

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Non-Arterial Concrete Rehabilitation

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC323160	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing project replaces deteriorated concrete street panels citywide, addressing concrete pavement defects that cannot be corrected with a simple pothole repair. Project locations are chosen annually based upon the degree of deterioration as confirmed by Department staff field observation, citizen service requests, claims, and potential City liability.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	953	0	0	0	0	0	0	0	953
Vehicle Licensing Fees	37	0	150	150	150	150	150	150	937
State Gas Taxes - Arterial City Street Fund	561	230	238	250	260	270	276	283	2,368
State Gas Taxes - City Street Fund	341	0	0	0	0	0	0	0	341
<b>Total:</b>	1,892	230	388	400	410	420	426	433	4,599
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	953	0	0	0	0	0	0	0	953
Transportation Operating Fund	939	230	388	400	410	420	426	433	3,646
<b>Total*:</b>	1,892	230	388	400	410	420	426	433	4,599
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		230	388	400	410	420	426	433	2,707
<b>Total:</b>		230	388	400	410	420	426	433	2,707

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	9,403	1,005	921	0	0	0	0	0	11,329
Real Estate Excise Tax I	257	0	0	0	0	0	0	0	257
Vehicle Licensing Fees	0	100	0	0	0	0	0	0	100
Drainage and Wastewater Rates	81	0	0	0	0	0	0	0	81
Federal Grant Funds	0	0	587	0	0	0	0	0	587
Transportation Funding Package - Parking Tax	93	415	0	0	0	0	0	0	508
Transportation Funding Package - Lid Lift	4,978	3,278	2,047	2,107	2,161	2,116	1,967	2,016	20,670
State Gas Taxes - Arterial City Street Fund	1,544	125	7	0	0	101	295	303	2,375
State Gas Taxes - City Street Fund	426	0	0	0	0	0	0	0	426
General Subfund Revenues	1,318	602	400	0	0	0	0	0	2,320
Miscellaneous Grants or Donations	98	0	100	0	0	0	0	0	198
Private Funding/Donations	90	0	0	0	0	0	0	0	90
State Grant Funds	75	0	0	0	0	0	0	0	75
<b>Total:</b>	18,363	5,525	4,062	2,107	2,161	2,217	2,262	2,319	39,016

### **Fund Appropriations/Allocations**

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	9,403	1,005	921	0	0	0	0	0	11,329
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	257	0	0	0	0	0	0	0	257
Transportation Operating Fund	8,703	4,520	3,141	2,107	2,161	2,217	2,262	2,319	27,430
<b>Total*:</b>	18,363	5,525	4,062	2,107	2,161	2,217	2,262	2,319	39,016

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## **2012 - 2017 Adopted Capital Improvement Program**

## Seattle Department of Transportation

<b>O &amp; M Costs (Savings)</b>	0	0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>								
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,005	921	0	0	0	0	0	1,926
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	4,520	3,141	2,107	2,161	2,217	2,262	2,319	18,727
<b>Total:</b>	5,525	4,062	2,107	2,161	2,217	2,262	2,319	20,653

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	2,003	23	0	0	0	0	0	0	2,026
<b>Total:</b>	17,891	23	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	2,003	23	0	0	0	0	0	0	2,026
<b>Total*:</b>	17,891	23	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>									
2010 Multipurpose LTGO Bond Fund		23	0	0	0	0	0	0	23
<b>Total:</b>		23	0	0	0	0	0	0	23

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## 2012 - 2017 Adopted 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>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Federal Grant Funds	0	0	989	0	0	0	0	0	989
Transportation Funding Package - Lid Lift	0	706	706	747	767	789	810	838	5,363
State Grant Funds	0	0	132	0	0	0	0	0	132
<b>Total:</b>	0	706	1,827	747	767	789	810	838	6,484
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	706	1,827	747	767	789	810	838	6,484
<b>Total*:</b>	0	706	1,827	747	767	789	810	838	6,484
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		1,006	1,827	747	767	789	810	838	6,783
<b>Total:</b>		1,006	1,827	747	767	789	810	838	6,783

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## 2012 - 2017 Adopted 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. In the 2012 budget process, Council adopted a proviso that \$317,000 of 2012 funding for this project is appropriated solely for improving safety at the intersection of Rainier Avenue S and 23rd Avenue S.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	935	316	0	0	0	0	0	0	1,251
Vehicle Licensing Fees	0	0	1,180	1,180	1,180	1,180	1,180	1,180	7,080
Federal Grant Funds	24	221	0	0	0	0	0	0	245
Transportation Funding Package - Parking Tax	1,294	475	1,162	1,191	1,223	1,259	1,277	1,323	9,204
Transportation Funding Package - Lid Lift	1,072	3,329	2,346	2,334	2,320	2,959	3,036	3,132	20,528
State Gas Taxes - Arterial City Street Fund	885	900	297	341	385	426	434	460	4,128
General Subfund Revenues	150	400	200	0	0	0	0	0	750
SDOT Fund Balance	0	0	317	0	0	0	0	0	317
State Grant Funds	0	0	1,030	0	0	0	0	0	1,030
<b>Total:</b>	<b>4,360</b>	<b>5,641</b>	<b>6,532</b>	<b>5,046</b>	<b>5,108</b>	<b>5,824</b>	<b>5,927</b>	<b>6,095</b>	<b>44,533</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	935	316	0	0	0	0	0	0	1,251
Transportation Operating Fund	3,425	5,325	6,532	5,046	5,108	5,824	5,927	6,095	43,282
<b>Total*:</b>	<b>4,360</b>	<b>5,641</b>	<b>6,532</b>	<b>5,046</b>	<b>5,108</b>	<b>5,824</b>	<b>5,927</b>	<b>6,095</b>	<b>44,533</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted Capital Improvement Program



## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	316	0	0	0	0	0	0	316
Transportation Operating Fund	4,600	6,532	5,046	5,108	5,824	5,927	6,095	39,132
<b>Total:</b>	4,915	6,532	5,046	5,108	5,824	5,927	6,095	39,448

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Street Vacations	1,839	391	1,189	0	0	0	0	0	3,419
<b>Total:</b>	1,839	391	1,189	0	0	0	0	0	3,419
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	1,839	391	1,189	0	0	0	0	0	3,419
<b>Total*:</b>	1,839	391	1,189	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		391	1,189	0	0	0	0	0	1,579
<b>Total:</b>		391	1,189	0	0	0	0	0	1,579

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,938	214	212	212	212	212	212	212	3,424
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>	3,529	214	212	212	212	212	212	212	5,015
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,938	214	212	212	212	212	212	212	3,424
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
Transportation Bond Fund	130	0	0	0	0	0	0	0	130
<b>Total*:</b>	3,529	214	212	212	212	212	212	212	5,015
<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		214	212	212	212	212	212	212	1,486
<b>Total:</b>		214	212	212	212	212	212	212	1,486

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Vehicle Licensing Fees	35	0	0	0	0	0	0	0	35
Federal Grant Funds	100	0	0	0	0	0	0	0	100
State Gas Taxes - Arterial City Street Fund	60	0	0	0	0	0	0	0	60
State Gas Taxes - City Street Fund	125	0	0	0	0	0	0	0	125
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
<b>Total:</b>	2,533	0	0	0	0	0	0	0	2,533
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	320	0	0	0	0	0	0	0	320
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
<b>Total*:</b>	2,533	0	0	0	0	0	0	0	2,533
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	5,986	1,719	1,796	1,841	1,887	1,945	2,037	2,088	19,299
State Gas Taxes - Arterial City Street Fund	0	9	18	29	39	52	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	0	20	0	0	0	0	0	0	20
<b>Total:</b>	9,124	1,748	1,814	1,870	1,926	1,997	2,037	2,088	22,604

### Fund Appropriations/Allocations

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	6,660	1,748	1,814	1,870	1,926	1,997	2,037	2,088	20,140
<b>Total*:</b>	9,124	1,748	1,814	1,870	1,926	1,997	2,037	2,088	22,604

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

Transportation Operating Fund	1,712	1,814	1,870	1,926	1,997	2,037	2,088	13,444
<b>Total:</b>	1,712	1,814	1,870	1,926	1,997	2,037	2,088	13,444

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Sound Transit Funds	845	136	64	100	100	100	0	0	1,345
<b>Total:</b>	845	136	64	100	100	100	0	0	1,345
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	845	136	64	100	100	100	0	0	1,345
<b>Total*:</b>	845	136	64	100	100	100	0	0	1,345
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		100	100	100	100	100	0	0	500
<b>Total:</b>		100	100	100	100	100	0	0	500

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### 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Sound Transit Construction Services

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	TC366310	<b>End Date:</b>	Q4/2012
<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

The Seattle Department of Transportation is assisting Sound Transit with construction and construction management of the Central Link light rail project affecting City facilities between downtown Seattle and S 154th Street in Tukwila.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Federal Grant Funds	1,940	0	0	0	0	0	0	0	1,940
Sound Transit Funds	10,283	225	0	0	0	0	0	0	10,508
<b>Total:</b>	12,223	225	0	0	0	0	0	0	12,448
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	12,223	225	0	0	0	0	0	0	12,448
<b>Total*:</b>	12,223	225	0	0	0	0	0	0	12,448
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		200	25	0	0	0	0	0	225
<b>Total:</b>		200	25	0	0	0	0	0	225

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### 2012 - 2017 Adopted 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>			
<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 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Sound Transit Funds	0	0	100	100	100	100	100	100	600
<b>Total:</b>	0	0	100	100	100	100	100	100	600
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	100	100	100	100	100	100	600
<b>Total*:</b>	0	0	100	100	100	100	100	100	600
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Vehicle Licensing Fees	0	188	0	0	0	0	0	0	188
State Gas Taxes - Arterial City Street Fund	597	5	155	152	64	48	10	0	1,031
State Gas Taxes - City Street Fund	44	0	0	0	0	0	0	0	44
King County Funds	0	40	115	60	30	0	0	0	245
Transportation Bond Funds	0	0	0	10,500	0	0	0	0	10,500
To be determined	0	0	0	4,500	0	0	0	0	4,500
<b>Total:</b>	641	233	270	15,212	94	48	10	0	16,508
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	641	233	270	212	94	48	10	0	1,508
Transportation Bond Fund	0	0	0	10,500	0	0	0	0	10,500
<b>Total*:</b>	641	233	270	10,712	94	48	10	0	12,008
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		220	270	212	94	48	10	0	854
Transportation Bond Fund		0	0	10,500	0	0	0	0	10,500
To Be Determined		0	0	4,500	0	0	0	0	4,500
<b>Total:</b>		220	270	15,212	94	48	10	0	15,854

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,464	0	0	0	0	0	0	0	1,464
Drainage and Wastewater Rates	580	0	0	0	0	0	0	0	580
Federal Grant Funds	30,889	911	0	0	0	0	0	0	31,800
City Light Fund Revenues	116	50	0	0	0	0	0	0	166
State Gas Taxes - Arterial City Street Fund	557	43	0	0	0	0	0	0	600
General Subfund Revenues	3,899	0	0	0	0	0	0	0	3,899
Port of Seattle Funds	0	1,975	1,425	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	0	2,250	0	0	0	0	0	2,250
State Grant Funds	34,982	10,670	8,140	0	0	0	0	0	53,792
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	5,996	20,770	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>	<b>103,382</b>	<b>63,245</b>	<b>11,815</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>178,442</b>

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

### 2012 - 2017 Adopted 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	86,922	13,649	11,815	0	0	0	0	0	112,386
2008 Multipurpose LTGO Bond Fund	9,000	0	0	0	0	0	0	0	9,000
2009 Multipurpose LTGO Bond Fund	5,996	20,770	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>	103,382	63,245	11,815	0	0	0	0	0	178,442
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

### Spending Plan by Fund

Transportation Operating Fund	13,374	12,090	0	0	0	0	0	25,463
2009 Multipurpose LTGO Bond Fund	20,695	20	40	10	5	0	0	20,770
2010 Multipurpose LTGO Bond Fund	6,292	10	10	5	0	0	0	6,317
2011 Multipurpose LTGO Bond Fund	6,121	13,388	3,000	0	0	0	0	22,509
<b>Total:</b>	46,482	25,507	3,050	15	5	0	0	75,059

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

## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## SR-519 Phase II

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2008
<b>Project ID:</b>	TC366960	<b>End Date:</b>	Q3/2012
<b>Location:</b>	1st Ave S/Atlantic St		
<b>Neighborhood Plan:</b>	Duwamish	<b>Neighborhood Plan Matrix:</b>	TP28
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Not in an Urban Village

This project constructs a new westbound off-ramp from I-5 and I-90 via the current South Atlantic Street Overpass. Additionally, this project constructs public plazas both on Royal Brougham Way between the stadiums and between Third and Fourth Avenues. Work also includes, but is not limited to, the relocation and construction of public and private utilities and construction of a public elevator. The Washington State Department of Transportation is the lead agency.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	35	22	0	0	0	0	0	0	57
State Grant Funds	996	203	0	0	0	0	0	0	1,199
<b>Total:</b>	1,031	225	0	0	0	0	0	0	1,256
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	35	22	0	0	0	0	0	0	57
Transportation Operating Fund	996	203	0	0	0	0	0	0	1,199
<b>Total*:</b>	1,031	225	0	0	0	0	0	0	1,256
<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		22	0	0	0	0	0	0	22
Transportation Operating Fund		178	25	0	0	0	0	0	203
<b>Total:</b>		200	25	0	0	0	0	0	225

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

### 2012 - 2017 Adopted 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>	Q4/2015
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	380	168	144	147	150	154	0	0	1,143
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	114	0	0	0	0	0	0	0	114
State Grant Funds	399	129	116	120	124	127	0	0	1,015
<b>Total:</b>	1,244	297	260	267	274	281	0	0	2,623
<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	1,136	297	260	267	274	281	0	0	2,515
<b>Total*:</b>	1,244	297	260	267	274	281	0	0	2,623
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		273	284	267	274	281	0	0	1,379
<b>Total:</b>		273	284	267	274	281	0	0	1,379

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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

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

### 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Terry Avenue North Street Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	TC367030	<b>End Date:</b>	Q4/2012
<b>Location:</b>	Terry Ave N/Thomas St/Mercer 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>	South Lake Union

This project builds sidewalk and street improvements adjacent to the South Lake Union line of the Seattle Streetcar on Terry Ave North.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Street Vacations	76	534	0	0	0	0	0	0	610
Private Funding/Donations	5	0	0	0	0	0	0	0	5
<b>Total:</b>	81	534	0	0	0	0	0	0	615
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	76	534	0	0	0	0	0	0	610
Transportation Operating Fund	5	0	0	0	0	0	0	0	5
<b>Total*:</b>	81	534	0	0	0	0	0	0	615
<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		15	519	0	0	0	0	0	534
<b>Total:</b>		15	519	0	0	0	0	0	534

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Thomas St Pedestrian Overpass (formerly Belltown/Queen Anne Waterfront Connections-Thomas St.)

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	TC366210	<b>End Date:</b>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	239	0	0	0	0	0	0	0	239
Federal Grant Funds	0	5,282	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	0	15	0	0	0	0	0	15
King County Funds	860	0	0	0	0	0	0	0	860
Private Funding/Donations	0	100	0	0	0	0	0	0	100
Seattle Voter-Approved Levy	1,615	605	0	0	0	0	0	0	2,220
Seattle Voter-Approved Levy	0	1,500	0	0	0	0	0	0	1,500
<b>Total:</b>	2,714	7,537	15	0	0	0	0	0	10,266
<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	860	5,432	15	0	0	0	0	0	6,307
2000 Parks Levy Fund	1,615	605	0	0	0	0	0	0	2,220
2008 Parks Levy Fund	0	1,500	0	0	0	0	0	0	1,500
<b>Total*:</b>	2,714	7,537	15	0	0	0	0	0	10,266
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund	3,847	1,600	0	0	0	0	0	0	5,447
2000 Parks Levy Fund	455	0	0	0	0	0	0	0	455
2008 Parks Levy Fund	822	828	0	0	0	0	0	0	1,650
<b>Total:</b>	5,123	2,428	0	0	0	0	0	0	7,551

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## 2012 - 2017 Adopted Capital Improvement Program



# Seattle Department of Transportation

## Transit Corridor 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>	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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Vehicle Licensing Fees	0	0	900	900	900	900	900	900	5,400
Federal Grant Funds	10	922	200	0	0	0	0	0	1,132
Transportation Funding Package - Lid Lift	9,137	3,649	2,431	2,316	2,222	2,790	0	0	22,545
City Light Fund Revenues	0	95	0	0	0	0	0	0	95
King County Funds	227	2,173	237	0	0	0	0	0	2,637
State Grant Funds	623	2,780	5,550	0	0	0	0	0	8,953
Property Sales and Interest Earnings	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	312	0	460	0	0	772
<b>Total:</b>	9,997	9,619	9,318	3,528	3,122	4,150	900	900	41,534
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	9,997	9,619	9,318	3,216	3,122	3,690	900	900	40,762
<b>Total*:</b>	9,997	9,619	9,318	3,216	3,122	3,690	900	900	40,762
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		5,503	13,433	3,216	3,122	3,690	900	900	30,764
To Be Determined		0	0	312	0	460	0	0	772
<b>Total:</b>		5,503	13,433	3,528	3,122	4,150	900	900	31,536

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## 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	23	1,977	0	0	0	0	0	0	2,000
<b>Total:</b>	23	1,977	0	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	23	1,977	0	0	0	0	0	0	2,000
<b>Total*:</b>	23	1,977	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		300	1,677	0	0	0	0	0	1,977
<b>Total:</b>		300	1,677	0	0	0	0	0	1,977

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### 2012 - 2017 Adopted 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, 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.

The Strategic Plan will be submitted for City Council approval in early 2012, and will establish spending priorities and a six-year rate path for the Utility. Once approved, the Strategic Plan will be used to guide development of City Light's budget and CIP in future years.

## 2012-2017 CIP

The 2012-2017 Adopted CIP outlines \$1.5 billion in capital spending over six years for a variety of power supply, transmission, distribution, customer services, and central utility needs. Approximately \$240 million of this spending is in response to external projects, including suburban undergrounding requests, maintenance of the streetlight system, infrastructure relocations due to transportation projects, and reimbursable customer-requested work.

The 2012-2017 Adopted CIP reflects a basic level of funding for CIP projects necessary to maintain current levels of service. The CIP provides the baseline for capital spending in the Strategic Plan. Projects that are being reconsidered as initiatives in the Strategic Plan have been pulled out or have reduced spending in the CIP. Compared to 2011-2016 Adopted CIP, the 2012-2017 Adopted CIP reduces planned spending for 2012 by \$18.5 million. Based on the direction of the approved Strategic Plan, new projects or additional spending may be added in next year's 2013-2018 Proposed CIP.

The 2012-2017 Adopted CIP continues efforts to improve the readability of this document and to provide more transparency of the Utility's capital program in the budget process. Projects have been summarized into functional categories so that similar or related projects can be easily identified and viewed together, and the document provides a breakdown of project allocations to match the appropriations for CIP Budget Control Levels in the 2012 Adopted Budget.

### 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 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.
- ◆ **Upgrade capacity and services to provide new functionality** – Projects included 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. While the 2012-2017 CIP includes funding for some such projects currently being implemented (such as the Work and Asset Management System), spending for several other capacity projects (such as the Gorge Auxiliary Tunnel, North Downtown Substation, and Automated Metering Infrastructure) have been reduced or removed from the CIP for reconsideration as Strategic Plan initiatives. Funding for these initiatives or other prudent projects may be included in the future, based on the direction of the approved Strategic Plan.
- ◆ **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.
- ◆ **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.

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 Outage Management System (OMS) began operation in 2010, and the Work and Asset Management System (WAMS) went live for distribution operations and engineering groups in 2011. OMS allows the Utility to evaluate the reliability of specific portions of the distribution system and identify necessary improvements. 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 will be extended to cover substation operations and power supply assets in 2012 and 2013.

Tracking this information will allow the Utility to identify operational efficiencies by identifying high maintenance cost assets and equipment prone to repetitive failure. This data will be used to develop management plans for each asset type and will inform operational practices and capital replacement decisions. Through the asset management program, the Utility has already conducted condition assessments on 115,000 poles, 88 transmission towers, and 7 power transformers and made adjustments to the CIP based on the results.

## CIP Expenditures by Major Category

Projects and spending in City Light's 2012-2017 Adopted 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)							
	2012	2013	2014	2015	2016	2017	Total
<b>Power Supply</b>	<b>44,210</b>	<b>67,579</b>	<b>50,143</b>	<b>47,265</b>	<b>55,691</b>	<b>54,813</b>	<b>319,701</b>
<i>Boundary</i>	21,525	40,406	25,619	21,039	26,683	25,645	160,917
<i>Skagit</i>	14,895	15,065	17,054	19,185	22,700	24,117	113,016
<i>Cedar Falls - Tolt</i>	2,894	6,216	1,406	2,453	2,790	2,843	18,602
<i>Other</i>	4,896	5,892	6,064	4,588	3,518	2,208	27,166
<b>Transmission</b>	<b>2,779</b>	<b>2,912</b>	<b>2,973</b>	<b>3,037</b>	<b>3,104</b>	<b>3,177</b>	<b>17,982</b>
<b>Distribution</b>	<b>128,893</b>	<b>129,891</b>	<b>127,296</b>	<b>133,625</b>	<b>133,195</b>	<b>129,358</b>	<b>782,258</b>
<i>Substations</i>	19,851	28,573	23,774	30,042	27,669	24,380	154,289
<i>Network</i>	12,835	14,005	13,674	15,957	16,311	16,710	89,492
<i>Radial</i>	44,825	38,767	44,713	41,968	43,308	42,026	255,607
<i>Service Connections</i>	34,930	39,200	39,097	39,933	40,775	41,657	235,592

## Seattle City Light

<i>Other</i>	16,452	9,346	6,038	5,725	5,132	4,585	47,278
<b>External Projects</b>	<b>65,025</b>	<b>44,395</b>	<b>40,575</b>	<b>38,564</b>	<b>18,452</b>	<b>33,410</b>	<b>240,421</b>
<i>Local Jurisdictions</i>	14,975	15,059	10,699	10,901	5,017	5,129	61,780
<i>Transportation Relocations</i>	48,260	29,300	29,839	27,625	13,369	28,213	176,606
<i>Other</i>	1,790	36	37	38	66	68	2,035
<b>Central Utility Projects</b>	<b>19,763</b>	<b>37,517</b>	<b>36,579</b>	<b>23,619</b>	<b>18,942</b>	<b>17,735</b>	<b>154,155</b>
<i>Customer and Billing</i>	0	8,000	10,000	2,000	0	0	20,000
<i>Finance and IT Systems</i>	8,519	13,940	10,442	9,504	6,788	7,020	56,213
<i>Fleets and Facilities</i>	11,244	15,577	16,137	12,115	12,154	10,715	77,942
<b>Totals:</b>	<b>260,670</b>	<b>282,294</b>	<b>257,566</b>	<b>246,110</b>	<b>229,384</b>	<b>238,493</b>	<b>1,514,517</b>

A more detailed description and summary of each category follows. *In addition, projects are highlighted if their 2012 allocations are more than \$5 million, have changed by more than \$1 million than was planned for 2012 in the 2011-2016 Adopted CIP, or are new projects in this year's 2012-2017 Adopted 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.

To more accurately represent a baseline level of Power Supply spending in line with Strategic Plan assumptions, three projects show significantly increased spending in 2015-2017. These projects include the Boundary Dam – Minor Improvements Program (6401), Skagit Facility – Minor Improvements Program (6405), and Cedar Falls/South Fork Tolt – Minor Improvements Program (6450). These future year allocations reflect a consistent level of investment in Power Supply over time and will be broken out into specific CIP projects for next year's 2013-2018 Proposed CIP.

The CIP shows significantly increased spending for Power Supply projects in 2013. This is largely due to the Boundary Powerhouse – Transformer Bank Rockfall Mitigation (6485) project, which identifies \$17.5 million of spending in 2013. This project addresses safety and operational risk from observed rockfall to transmission lines running along the rock cliff at Boundary Dam. The cost of this project reflects a permanent solution to relocate these transmission lines into new shafts drilled through the hillside in lieu of on-going costs to stabilize the rockface and shield the transmission lines in place.

For 2012, the CIP includes \$44.2 million in funding for 67 projects in Power Supply. ***Highlights include:***

- ◆ Boundary Powerhouse – Unit 56 Turbine Runner Replacement (6490): \$7.5 million in 2012 allocations. This project replaces the turbine runner that powers the generator. The 2012 allocations are \$1.2 million higher than the 2012 amount shown in the 2011-2016 Adopted CIP and reflect increased cost estimates for the project. This is a multi-year project scheduled to coincide with the Boundary Powerhouse – Unit 56 Generator Rebuild (6354) project.
- ◆ Diablo Powerhouse – Rebuild Generator Unit 32 (6423): \$0 in 2012 allocations. This project shows a decrease of \$6.9 million in 2012 allocations from the 2011-2016 Adopted CIP, which represents a scheduling change to defer construction until 2014.

- ◆ Newhalem – Generator 20/Support Facility Rebuild (6479): \$15,000 in 2012 allocations. This project was created in the 2011 Second Quarter Supplemental Budget and appears as a new project in the 2012-2017 Adopted CIP. The project rehabilitates a small older generator, turbine runner, and penstock that generates 2.5 megawatts of power at the Skagit Facility. Completion of the project was deferred in recent years.
- ◆ Skagit Facilities Plan (6520): \$1.2 million in 2012 allocations.
- ◆ Skagit – Facilities Energy Conservation Program (6515): \$2.7 million in 2012 allocations. These projects are new in the CIP this year. As part of the reorganization of the Skagit Facility, these projects address the surplus housing stock and support facilities in Newhalem and Diablo neighborhoods. The Skagit Facilities Plan include demolition of vacant structures that are deteriorating due to lack of maintenance funds, renovation of historic structures to be retained, paving and utility upgrades, and open space site restoration for a total project allocation of \$6.5 million over a five-year schedule. The Skagit – Facilities Energy Conservation Program provides for energy efficiency upgrades to the facilities being retained. These projects will be conducted with due consideration of the National Historic Preservation Act and federal licensing requirements for operating the Skagit Facility.
- ◆ Skagit Facility – Minor Improvement Program (6405): \$3 million in 2012 allocations. This project provides for small capital projects and other unforeseen, unscheduled capital needs that arise at the Skagit Facility. The project shows an additional \$1.7 million in 2012 allocations from the 2011-2016 Adopted CIP. This increase reflects the Utility's reorganization of the Skagit Facility and the phasing out of the Ross Facility – Minor Improvement Program (6402), Diablo Facility – Minor Improvement Program (6403), and Gorge Facility – Minor Improvement Program (6404).
- ◆ Cedar Falls – Powerhouse Emergency Generator (6495): \$1,000 in 2012 allocations. This is a new project in the 2012-2017 Adopted CIP, which provides for backup power to protect against interruptions in water flow at the Cedar Falls Powerhouse. This project had been removed from the CIP during 2009-2010 due to lack of resources.
- ◆ Power Production – Network Controls (6385): \$2.3 million in 2012 allocations. This project shows an increase of \$1.8 million in 2012 allocations from the 2011-2016 Adopted CIP, where it was previously shown as a Skagit Facility project. The project scope has expanded to establish the network controls for all of City Light's generating facilities. The project requires a considerable amount of upfront planning and system design before implementation.

**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.

The CIP shows a baseline level of spending from 2012 to 2017 for Transmission that reflects current practices. City Light is conducting a condition assessment of transmission lines and towers and may propose changes to future capital spending based on that assessment. In addition, the Puget Sound power grid is experiencing transmission congestion due to the changing nature of power generation and load growth around the Northwest, including transmission capacity to Canada required by treaty. Regional transmission projects to address these issues will be considered as Strategic Plan initiatives, but are not included in the 2012-2017 Adopted CIP.

For 2012, the CIP includes \$2.8 million in funding for three projects in Transmission. *No Transmission projects meet the criteria for highlighting.*

**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.

City Light is focusing its asset management efforts on the distribution system, and this has directly influenced a number of CIP projects. Examples of decisions influenced by asset management include sequencing five substation transformer replacements projects (7776, 7777, 7778, 7810, and 7811) based on condition assessments, creating the Neighborhood Cable Injection Program (8440) to extend the life of buried power cables, and prioritizing work under the Wood Pole Replacement Program (8371). Additional changes to the CIP are expected in the future as the asset management program identifies high maintenance cost assets and equipment prone to repetitive failure.

The CIP reflects a baseline level of spending on the distribution system and does not include potential Strategic Plan initiatives such as investment in smart meters or targeted system efficiencies. The Utility is undertaking a long-term effort to standardize distribution practices for engineering, construction, and maintenance with industry best practices. More consistent standards will allow for greater efficiencies in distribution capital projects.

For 2012, the CIP includes \$128.9 million in funding for 63 projects in Distribution. *Highlights include:*

- ◆ Neighborhood Cable Injection Program (8440): \$5.5 million in 2012 allocations. This project was an early asset management initiative to extend the life of buried cable by injecting a silica fluid to maintain the integrity of the cable. Cable injection may extend the life of a cable by 20 to 40 years, depending on preexisting conditions. The cost of replacing cable is roughly 30 times the cost of cable injection.
- ◆ Laurelhurst – Underground Rebuild (8373): \$2.8 million in 2012 allocations. This project shows an additional \$1.2 million in 2012 allocations from the 2011-2016 Adopted CIP reflecting cost increases to complete the project. The project replaces deteriorating direct buried cable with a buried conduit system and is an example of a system that could not be preserved through the Neighborhood Cable Injection Program. Additional resources to replace deteriorating cables Citywide are budgeted within the Underground Equipment Replacement (8353) project.
- ◆ Wood Pole Replacement Program (8371): \$7.2 million in 2012 allocations.
- ◆ Overhead Equipment Replacements (8351): \$6.7 million in 2012 allocations. These projects show a change in 2012 allocations from what was planned in the 2011-2016 Adopted CIP. Project 8371 was reduced by \$6.4 million, while project 8351 was increased by \$5.6 million. This is largely a result of budgeting changes in the way the Utility manages pole replacement operations. Project costs for replacing poles on the basis of asset management condition assessments are charged to project 8371. Costs for operational replacements (including response to storm events and vehicle-pole collisions) are charged to project 8351.
- ◆ Network Maintenance Hold and Vault Rebuild (8130): \$3 million in 2012 allocations. This project shows a \$1.4 million decrease in 2012 allocations from the 2011-2016 Adopted CIP. This decrease reflects a shift of labor resources (engineering and network crews) to support the Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307) project.
- ◆ Large Overhead and Underground Services (8365): \$6.1 million in 2012 allocations.
- ◆ Medium Overhead and Underground Services (8366): \$8.6 million in 2012 allocations.
- ◆ Small Overhead and Underground Services (8367): \$6.1 million in 2012 allocations.



- ◆ Overhead Customer Driven Capacity Additions (8355): \$3.6 million in 2012 allocations.
- ◆ Underground Customer Driven Capacity Additions (8360): \$3.2 million in 2012 allocations. These projects provide for service connections to the 26 kV radial distribution system for different sized customers classes, and for direct overhead and underground customer connections to substations. Most of this work is billed directly to the customer. The 2012 allocations have been adjusted from the 2011-2016 Adopted CIP to reflect recent trends in customer requests – project 8365 has increased by \$1.9 million, project 8366 has decreased by \$604,000, project 8367 has decreased by \$88,000, project 8355 has increased by \$2,000, and project 8360 has decreased by \$1.5 million.
- ◆ Work and Asset Management System (9941): \$8.7 million in 2012 allocations. This project provides the main software platform for tracking City Light's estimated 900,000 assets, as well as generating the associated work orders and maintenance records of the Utility. This project has been implemented for the Utility's distribution and engineering functions, and is scheduled to be fully implemented by 2013. A separate project, Asset Management Program (9940), provides for additional information technology tools associated with asset management and has \$66,000 in 2012 allocations.
- ◆ Radial Distribution System GIS Editor Replacement (9958): \$623,000 in 2012 allocations. This project was created in the 2011 First Quarter Supplemental Budget and appears as a new project in this year's 2012-2017 Adopted CIP. The project replaces out-of-date software necessary to maintain the digital records of the distribution system.

**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. There is an increase in 2017 for the State Route 99 Capacity Additions and Relocations (8434) project of \$12.3 million to relocate utility infrastructure in conjunction with a future Washington State Department of Transportation project to lower the grade of State Route 99. This project was previously included in last year's CIP with 2016 spending and has been pushed out a year as a placeholder estimate of future spending.

For 2012, the CIP includes \$65 million for 19 projects in External Projects. ***Highlights include:***

- ◆ Shoreline Undergrounding: North City and Aurora Avenue North (8320): \$2 million in 2012 allocations. This project shows an additional \$1.7 million in 2012 allocations from the 2011-2016 Adopted CIP, and reflects additional requests for undergrounding work in Shoreline. 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 LED Conversion Program (8441): \$5.6 million in 2012 allocations. This program replaces all residential streetlight fixtures with energy-efficient LED fixtures and is scheduled to be complete in 2015. Costs for this project are recovered through Streetlight rates.
- ◆ Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307): \$41.4 million in 2012 allocations. This project shows a \$14.7 million decrease in 2012 allocations from the 2011-2016 Adopted CIP. This reflects changes in the project schedule rather than any significant change to the total project cost. The project provides for the relocation of utility infrastructure in conjunction with the Washington State Department of Transportation project.

- ◆ Mercer Corridor West Phase Relocations (8443): \$436,000 in 2012 allocations. This project shows a \$7.6 million decrease in 2012 allocations from the 2011-2016 Adopted CIP. This reflects reduced cost estimates in response to project scope changes. As a result of design revisions, fewer transmission lines will need to be relocated and the amount of utility undergrounding has been reduced.
- ◆ First Hill Connector Streetcar (8442): \$2.1 million in 2012 allocations. This project shows a \$2 million increase in 2012 allocations from the 2011-2016 Adopted CIP, and reflects additional costs due to the refined scope of the Streetcar project. The project provides for utility relocations and distribution system improvements along the Streetcar route.
- ◆ Cedar Falls – Chester Morse Lake Pump Station Line Extension (8420): \$1 million in 2012 allocations. This project shows a \$1 million increase in 2012 allocations from the 2011-2016 Adopted CIP. The project costs reflect scope and schedule changes in SPU's project to build a back-up pump to support water operations during drought conditions at Chester Morse Lake. This project builds the distribution line to support the pumps and costs will be billed to SPU. City Light's system capacity improvements to support this project are covered in Cedar Falls Switchyard – Expansion for Morse Lake Pumps (7805).
- ◆ Creston-Nelson to Intergate East Feeder Installation (8430): \$1.8 million in 2012 allocations. This project installs a new feeder to supply the Intergate East Internet Center in Tukwila at the customer's request. The 2012 allocations reflect an additional \$1.6 million over the 2011-2016 Adopted CIP which is due to the customer's deferral of the project. Project costs will be billed to the customer.

**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, maintenance yards).

For 2012, the CIP includes \$19.8 million for 25 projects in Central Utility Projects. ***Highlights include:***

- ◆ Inventory System Redevelopment (9959): \$0 in 2012 allocations. This is a new project in the CIP with \$1.6 million in total spending to replace an unsupported supply chain and inventory management system that was last updated in 2002. The current system is experiencing loss of functionality due to its age, including the loss of barcode reading capability and increased platform instability. The project is scheduled to begin in 2013.
- ◆ Vehicle Replacement (9101): \$8.9 million in 2012 allocations. This project provides for the scheduled replacement of vehicles. The Utility maintains a fleet of approximately 500 light duty vehicles and 430 heavy duty vehicles, including some very specialized and complex equipment (such as bucket trucks for maintaining distribution lines, a high aerial platform for maintaining transmission wires, and mobile cranes at the dams). The estimated replacement value of the vehicle fleet is \$95 million.
- ◆ Pole Yard Relocation (9226): \$263,000 in 2012 allocations. This project was created in the 2011 Second Quarter Supplemental Budget and appears as a new project in the 2012-2017 Adopted CIP. The Pole Yard was displaced from the South Service Center to accommodate new off-ramps from the Spokane Street Viaduct. The current temporary site, located along the Duwamish River, has been leased for development of habitat restoration projects to provide mitigation credits for potentially responsible parties on Duwamish Superfund sites. This project will develop a permanent replacement site for the Pole Yard.

## CIP Budget Control Levels in the 2012 Adopted Budget

The dollar amounts shown in the CIP are total project costs to be capitalized, and include both direct costs and associated overhead costs. Overhead costs include a share of the department's support functions (such as finance, administration, and human resources), employee benefits, and interest incurred during construction. 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 2012 Adopted Budget. A table explaining how the CIP Program totals align with CIP Budget Control Levels in the 2012 Adopted Budget is shown below.

<b>CIP Programs – Project Totals for 2012</b>						
<b>Direct Costs (in \$1,000s)</b>	<b>Power Supply</b>	<b>Transmission</b>	<b>Distribution</b>	<b>External Projects</b>	<b>Central Utility Projects</b>	<b>2012 Adopted Appropriations</b>
<b>CIP Budget Control Levels</b>						
Power Supply & Environmental Affairs – CIP (SCL250)	35,680	0	0	0	10,516	<b>46,196</b>
Transmission and Distribution – CIP (SCL360)	0	1,570	63,302	0	0	<b>64,872</b>
Customer Focused – CIP (SCL370)	0	0	20,975	50,294	0	<b>71,269</b>
Financial Services – CIP (SCL550)	0	0	0	0	7,790	<b>7,790</b>
<b>Total Direct Costs</b>	<b>35,680</b>	<b>1,570</b>	<b>84,277</b>	<b>50,294</b>	<b>18,306</b>	<b>190,126</b>
<b>Loadings and Overhead Estimates (appropriated separately in Operating BCLs)</b>						
Interest During Construction	2,313	27	1,565	1,610	534	6,049
Paid Time Off	876	134	4,967	1,333	138	7,448
Fringe Benefits	1,371	211	7,775	2,087	216	11,660
Payroll Tax (FICA)	384	65	2,395	625	57	3,526
Material	20	104	4,134	2,722	0	6,980
Transportation	149	125	2,988	926	11	4,199
Shop	18	0	159	16	9	202
Administrative & General	3,399	544	20,633	5,412	492	30,480
<b>CIP Project Allocations (in \$1,000)</b>	<b>44,210</b>	<b>2,779</b>	<b>128,893</b>	<b>65,025</b>	<b>19,763</b>	<b>260,670</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. Examples of "lifetime" appropriation projects include:

- ◆ Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307)
- ◆ Mercer Corridor Relocations (8376)
- ◆ Mercer Corridor West Phase Relocations (8443)
- ◆ First Hill Connector Streetcar (8442)

- ◆ North Downtown Substation Development (7757)
- ◆ 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 project. Other project 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.

### **City Council Provisos to the CIP**

There are no Council provisos.

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>A1 Power Supply - Boundary</b>									
		BCL/Program Code:						SCL250-A1	
Boundary - Licensing Mitigation (6987)	0	520	519	1,059	4,838	1,257	3,029	1,167	12,389
Boundary - Service Area Paving (6482)	0	0	0	1,062	0	0	0	0	1,062
Boundary Dam - Emergency Lighting Improvements (6342)	871	132	75	98	0	0	0	0	1,176
Boundary Dam - Forebay Recreation Area Improvements (6345)	0	0	0	58	710	0	0	0	768
Boundary Dam - Instrumentation Upgrade and Integration (6343)	3,424	1,125	1,376	619	536	326	0	0	7,406
Boundary Dam - Outrigger/Transformer Line Replacement System (6357)	404	68	15	0	0	0	0	0	487
Boundary Dam - Safety Instrumentation House (6489)	0	233	97	0	0	0	0	0	330
Boundary Dam - Service Area Improvements (6347)	1,566	0	0	55	0	0	0	0	1,621
Boundary Dam - Spillgate Hoist House Rehab & Oil Control (6349)	400	442	50	0	0	0	0	0	892
Boundary Dam - Tailrace Recreation Area Improvement (6346)	0	0	0	232	715	205	0	0	1,152
Boundary Dam - Trashrack & Trashrake Improvements (6338)	1	0	0	563	1,139	0	0	0	1,703
Boundary Dam - Units 51-54 Turbine Pit Cranes (6350)	0	0	0	149	0	0	0	0	149
Boundary Dam - Units 51-56 Penstock Flow Monitoring (6383)	0	0	0	0	503	0	0	0	503
Boundary Facility - Electrical System Upgrades (6432)	1,154	201	191	235	0	0	0	0	1,781
Boundary Facility - Minor Improvements Program (6401)	6,600	2,470	1,303	528	2,766	6,782	14,958	20,862	56,269
Boundary Powerhouse - Transformer Bank Rockfall Mitigation (6485)	423	3,782	3,078	17,524	814	0	0	0	25,621
Boundary Powerhouse - Unit 51 Generator Rebuild (6351)	0	0	0	0	0	7,770	1,133	0	8,903
Boundary Powerhouse - Unit 53 Generator Rebuild (6352)	0	0	93	7,718	1,082	0	0	0	8,893

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Boundary Powerhouse - Unit 54 Generator Rebuild (6353)	0	0	0	0	7,784	1,065	0	0	8,849
Boundary Powerhouse - Unit 55 Generator Rebuild (6303)	1,098	15,784	1,491	1,533	1	0	3,941	0	23,848
Boundary Powerhouse - Unit 55 Turbine Runner Replacement (6491)	1,138	7,329	2,976	1,772	207	63	0	0	13,485
Boundary Powerhouse - Unit 56 Generator Rebuild (6354)	0	14,235	107	751	1,004	4	0	0	16,101
Boundary Powerhouse - Unit 56 Turbine Runner Replacement (6490)	0	1,080	7,460	3,574	585	211	87	0	12,997
Boundary Switchyard - Generator Step-up Transformers (6493)	2	2,656	2,694	2,876	2,935	3,356	3,535	3,616	21,670
<b>A1 Power Supply - Boundary</b>	17,081	50,057	21,525	40,406	25,619	21,039	26,683	25,645	228,055
<b>A2 Power Supply - Skagit</b>	<b>BCL/Program Code:</b>						<b>SCL250-A2</b>		
Diablo Camp - Sewer System Rehabilitation (6232)	63	0	0	138	2,622	0	0	0	2,823
Diablo Facility - Lines Protection Upgrades (6483)	0	322	318	0	0	0	0	0	640
Diablo Facility - Minor Improvements Program (6403)	1,961	1,564	833	95	0	0	0	0	4,453
Diablo Facility - Storage Building (6481)	35	300	447	0	0	0	0	0	782
Diablo Powerhouse - 240 KV Bus Tap for Station Service (6413)	0	0	0	1,156	335	293	0	0	1,784
Diablo Powerhouse - Control and Power Cabling Replacement (6363)	0	0	0	0	379	385	0	0	764
Diablo Powerhouse - Crane Wheel Replacements (6471)	0	69	161	0	0	0	0	0	230
Diablo Powerhouse - DC Lighting Systems Upgrade (6365)	0	0	0	244	21	0	0	0	265
Diablo Powerhouse - Rebuild Generator Unit 31 (6422)	0	0	0	8,237	1,117	590	0	0	9,944
Diablo Powerhouse - Rebuild Generator Unit 32 (6423)	0	0	0	0	7,023	1,050	0	0	8,073
Diablo Powerhouse - Units 31 -32 Exciter Replacement (6492)	0	48	85	112	0	0	0	0	245

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

**Project Summary**

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Diablo Switchyard - Controls for Breakers and Switches (6417)	29	0	0	116	125	0	0	0	270
Gorge Facility - Minor Improvements Program (6404)	1,934	1,071	349	146	0	0	0	0	3,500
Gorge Facility - Second Tunnel Installation (6302)	3,784	2,341	519	412	474	479	181	0	8,190
Gorge Powerhouse - Control and Power Cabling Replacement (6328)	0	0	0	99	431	0	0	0	530
Gorge Powerhouse - Transformer Bank 10 Replacement (6224)	353	358	170	115	0	0	0	0	996
Ladder Creek Garden - Irrigation and Illumination (6234)	1,932	1,225	172	0	0	0	0	0	3,329
Newhalem - Generator 20/Support Facility Rebuild (6479)	745	0	15	249	173	0	0	0	1,182
Ross Dam - AC/DC Distribution System Upgrade (6373)	1,124	650	527	1,393	0	0	0	0	3,694
Ross Facility - Minor Improvements Program (6402)	6,478	627	1,462	0	0	0	0	0	8,567
Ross Powerhouse - Programmable Language Controller Upgrade (6376)	0	0	0	185	341	290	0	0	816
Ross Powerhouse - Replace Governor Oil Pumps (6377)	0	0	0	109	672	41	0	0	822
Ross Rock Slide Area Improvements (6516)	0	2,656	1,898	211	0	0	0	0	4,765
Skagit - Facilities Energy Conservation Program (6515)	0	0	2,719	0	0	0	0	0	2,719
Skagit Facilities Plan (6520)	0	0	1,225	735	540	1,518	2,501	0	6,519
Skagit Facility - Minor Improvements Program (6405)	5,130	6,176	3,019	933	2,535	13,618	19,629	23,962	75,002
Skagit Facility - Oil Containment Improvements (6458)	1,029	625	297	0	0	0	0	0	1,951
Skagit Facility - Radio System Improvements (6421)	9	0	0	88	140	788	54	0	1,079
Skagit Facility - Security Systems (6388)	1,188	198	80	0	0	0	0	0	1,466

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Skagit Licensing Mitigation (6991)	35,061	1,125	256	139	126	133	335	155	37,330
Skagit Powerhouses - Install Protection Relays (6415)	1,911	311	343	153	0	0	0	0	2,718
<b>A2 Power Supply - Skagit</b>	62,766	19,666	14,895	15,065	17,054	19,185	22,700	24,117	195,448
<b>A3 Power Supply - Cedar Falls - Tolt</b>						<b>BCL/Program Code:</b>		<b>SCL250-A3</b>	
Cedar Falls - Powerhouse Emergency Generator (6495)	0	0	1	70	0	0	0	0	71
Cedar Falls Powerhouse - Penstock Stabilization (6358)	1,883	31	397	3,165	143	0	0	0	5,619
Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay (6450)	1,002	652	659	0	0	0	0	0	2,313
Cedar Falls Powerhouse - Valvehouse Rehabilitation (6324)	0	0	0	0	0	718	0	0	718
Cedar Falls Switchyard - Expansion for Morse Lake Pumps (7805)	1,508	162	794	2,219	291	7	0	0	4,981
Cedar Falls/South Fork Tolt - Minor Improvements Program (6406)	3,191	597	1,043	470	972	1,728	2,790	2,843	13,634
Tolt Facility - Penstock Rehabilitation (6478)	0	0	0	250	0	0	0	0	250
Tolt Powerhouse - Power Monitoring Equipment Upgrades (6323)	0	0	0	42	0	0	0	0	42
<b>A3 Power Supply - Cedar Falls - Tolt</b>	7,584	1,442	2,894	6,216	1,406	2,453	2,790	2,843	27,628
<b>A4 Power Supply - Power Supply Other</b>						<b>BCL/Program Code:</b>		<b>SCL250-A4</b>	
Endangered Species Act Mitigation (6990)	8,962	2,451	971	1,096	1,119	1,142	1,168	1,195	18,104
Generation Federal Reliability Standards Improvements (6470)	4,993	1,122	600	635	798	301	300	0	8,749
Power Production - Network Controls (6385)	705	1,000	2,287	3,238	3,203	2,180	1,060	0	13,673
Special Work Equipment - Generation Plant (6102)	10,978	1,226	1,038	923	944	965	990	1,013	18,077
<b>A4 Power Supply - Power Supply Other</b>	25,638	5,799	4,896	5,892	6,064	4,588	3,518	2,208	58,603
<b>B1 Transmission - Transmission</b>						<b>BCL/Program Code:</b>		<b>SCL360-B1</b>	
Transmission Capacity (7011)	11,547	28	22	22	23	23	24	24	11,713

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program



## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Transmission Inter-Agency (7105)	1,070	555	558	571	583	596	609	623	5,165
Transmission Reliability (7104)	9,931	2,418	2,199	2,319	2,367	2,418	2,471	2,530	26,653
<b>B1 Transmission - Transmission</b>	22,548	3,001	2,779	2,912	2,973	3,037	3,104	3,177	43,531
<b>C1 Distribution - Substations</b>						<b>BCL/Program Code:</b>		<b>SCL360-C1</b>	
Bothell Substation - New Sewer System (7781)	0	199	252	286	39	0	0	0	776
Bothell Substation - Water Tower Removal (7782)	46	760	79	0	0	0	0	0	885
Canal Substation - Transformer Replacements (7778)	0	0	0	0	0	0	0	3,105	3,105
East Pine Substation - Transformer Replacements (7811)	0	0	0	0	0	0	3,034	921	3,955
Massachusetts Street Substation - Transformer Replacements (7810)	0	0	0	0	0	2,968	3,932	971	7,871
North Downtown Substation Development (7757)	39,271	17,847	181	0	0	0	0	0	57,299
North Substation Transformer Replacements (7777)	82	2,823	3,514	842	49	0	0	0	7,310
Power Stations Demand Driven Improvements (7755)	5,540	6	6	6	6	6	6	7	5,583
Power Stations Oil Containment (7783)	0	136	262	1,302	997	976	475	0	4,148
Relaying Improvements (7753)	10,085	3,272	2,717	5,448	3,840	4,254	3,778	3,867	37,261
Replace Breakers BPA Covington and Maple Valley Substations (7121)	546	324	13	556	50	604	78	0	2,171
Shoreline Substation - Transformer Replacements (7776)	34	0	0	2,850	3,735	3,866	917	51	11,453
Substation Automation (8424)	0	577	1,726	4,238	4,282	4,417	4,561	4,623	24,424
Substation Breaker Replacements and Reliability Additions (7779)	9,973	5,549	4,661	3,374	3,690	5,976	3,815	3,891	40,929
Substation Capacity Additions (7751)	5,425	1,205	1,531	1,828	1,804	1,595	1,583	1,323	16,294
Substation Equipment Improvements (7752)	36,359	4,648	3,825	6,743	4,566	4,648	4,756	4,869	70,414

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Substation Plant Improvements (7750)	6,436	1,279	1,084	1,100	716	732	734	752	12,833
<b>C1 Distribution - Substations</b>	113,797	38,625	19,851	28,573	23,774	30,042	27,669	24,380	306,711
<b>C2 Distribution - Network</b>					<b>BCL/Program Code:</b>			<b>SCL360-C2</b>	
Broad Street Substation - Network (8203)	54,155	2,305	1,817	1,842	1,880	1,920	1,962	2,009	67,890
First Hill and University - Network (8301)	8,000	1,034	1,391	1,594	1,642	3,657	3,738	3,822	24,878
Massachusetts Street Substation - Networks (8202)	14,392	7,698	4,545	4,217	4,304	4,396	4,494	4,600	48,646
Network Hazeltine Upgrade (8129)	3,980	473	622	626	645	671	686	702	8,405
Network Maintenance Hole and Vault Rebuild (8130)	42,285	6,387	2,973	3,047	3,110	3,176	3,246	3,341	67,565
Union Street Substation Networks (8201)	19,164	1,683	1,487	2,679	2,093	2,137	2,185	2,236	33,664
<b>C2 Distribution - Network</b>	141,976	19,580	12,835	14,005	13,674	15,957	16,311	16,710	251,048
<b>C3 Distribution - Radial</b>					<b>BCL/Program Code:</b>			<b>SCL360-C3</b>	
Automated Utility Design Implementation (9950)	0	1,068	50	0	0	0	0	0	1,118
Dallas Ave. 26 kV Crossing (8322)	404	1,282	0	0	0	0	0	0	1,686
Distribution Automation (8425)	0	0	0	318	2,152	2,197	2,280	0	6,947
Lake Forest Park - Feeder Rehabilitation (8384)	2,949	1,260	1,232	0	0	0	0	0	5,441
Laurelhurst - Underground Rebuild (8373)	1,933	3,059	2,830	637	562	0	0	0	9,021
Mobile Workforce Implementation (8429)	0	0	548	1,133	2,806	831	541	0	5,859
Neighborhood Cable Injection Program (8440)	2,011	8,779	5,510	5,278	5,387	5,502	5,624	5,785	43,876
Overhead 26kV Conversion (8358)	5,171	2,230	1,887	967	959	657	671	687	13,229
Overhead Customer Driven Capacity Additions (8355)	17,770	3,505	3,557	3,078	3,491	3,565	3,641	3,730	42,337
Overhead Equipment Replacements (8351)	19,928	5,202	6,741	7,428	7,597	7,801	7,955	8,030	70,682
Overhead System Capacity Additions (8356)	16,273	2,241	2,761	2,736	2,473	2,526	2,582	2,643	34,235
Pole Attachment Requests Preparation Work (8452)	0	1,357	1,498	1,764	2,098	2,550	3,124	3,199	15,590

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Underground 26kV Conversion (8362)	3,591	881	2,211	1,036	2,541	2,583	3,111	2,421	18,375
Underground Customer Driven Capacity Additions (8360)	11,597	2,705	3,150	1,952	1,993	2,035	2,080	2,130	27,642
Underground Equipment Replacements (8353)	3,773	5,129	3,547	3,311	4,215	3,574	3,433	1,781	28,763
Underground System Capacity Additions (8361)	11,541	3,471	2,107	2,108	1,568	1,602	1,637	1,676	25,710
Wood Pole Replacement Program (8371)	9,068	10,930	7,196	7,021	6,871	6,545	6,629	9,944	64,204
<b>C3 Distribution - Radial</b>	106,009	53,099	44,825	38,767	44,713	41,968	43,308	42,026	414,715
<b>C4 Distribution - Service Connections</b>						<b>BCL/Program Code:</b>		<b>SCL370-C4</b>	
Large Overhead and Underground Services (8365)	6,578	3,080	6,067	3,928	3,651	3,729	3,811	3,902	34,746
Major Emergency (8380)	1,107	968	618	131	134	137	140	143	3,378
Medium Overhead and Underground Services (8366)	36,548	8,904	8,561	8,667	8,847	9,035	9,235	9,454	99,251
Meter Additions (8054)	61,942	5,903	4,364	8,156	8,176	8,353	8,536	8,739	114,169
Meter Reading Software Replacement (9953)	0	607	583	414	0	0	0	0	1,604
Network Additions and Services: Broad Street Substation (8363)	19,805	3,589	3,474	5,747	5,867	5,992	6,124	6,269	56,867
Network Additions and Svcs: First Hill, Mass, Union & Univer (8364)	22,369	4,306	3,517	4,696	4,794	4,896	5,004	5,123	54,705
Normal Emergency (8379)	2,458	563	641	328	335	342	349	358	5,374
Outage Management System Configuration and Implementation (9942)	9,736	1,382	0	0	0	0	0	0	11,118
Overhead Outage Replacements (8350)	2,885	372	226	200	196	200	170	88	4,337
Small Overhead and Underground Services (8367)	27,608	6,715	6,095	6,106	6,232	6,365	6,506	6,660	72,287
Underground Outage Replacements (8352)	12,704	1,278	784	827	865	884	900	921	19,163
<b>C4 Distribution - Service Connections</b>	203,740	37,667	34,930	39,200	39,097	39,933	40,775	41,657	476,999
<b>C5 Distribution - Distribution Other</b>						<b>BCL/Program Code:</b>		<b>SCL360-C5</b>	
Asset Management Program (9940)	765	459	66	69	0	0	0	0	1,359
Communications Improvements (9009)	9,392	850	669	1,211	1,258	1,157	1,431	1,031	16,999

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Distribution Area Communications Networks (9307)	11,071	1,770	2,214	1,754	1,374	1,085	1,120	1,043	21,431
Network Geographic Information Systems (9943)	88	811	733	157	0	0	0	0	1,789
Radial Distribution System GIS Editor Replacement (9958)	0	0	623	395	0	0	0	0	1,018
Security Improvements (9202)	13,577	1,041	775	2,032	2,009	2,052	1,113	1,139	23,738
Special Work Equipment - Other Plant (9102)	21,413	1,377	1,206	926	856	874	894	915	28,461
Transformer and Network Load Management Tools Upgrade (9952)	0	1,020	616	337	0	0	0	0	1,973
Transmission & Generation Radio Systems (9108)	9,955	886	853	1,451	428	437	447	457	14,914
Unified Geographic Information System (9957)	0	0	0	106	113	120	127	0	466
Work and Asset Management System (9941)	14,077	14,321	8,697	908	0	0	0	0	38,003
<b>C5 Distribution - Distribution Other</b>	<b>80,338</b>	<b>22,535</b>	<b>16,452</b>	<b>9,346</b>	<b>6,038</b>	<b>5,725</b>	<b>5,132</b>	<b>4,585</b>	<b>150,151</b>
<b>D1 External Projects - Local Jurisdictions</b>	<b>BCL/Program Code:</b>						<b>SCL370-D1</b>		
Burien Undergrounding - Phase 2 (8401)	329	5,668	604	0	0	0	0	0	6,601
Cedar Falls - Chester Morse Lake Pump Station Line Extension (8420)	117	1,316	1,048	1,535	0	0	0	0	4,016
Citywide Undergrounding Initiative - City Light (8403)	0	3,225	430	14	0	0	0	0	3,669
SeaTac Undergrounding (8444)	64	1,983	715	0	0	0	0	0	2,762
Shoreline Undergrounding: North City and Aurora Avenue North (8320)	16,309	9,733	2,028	3,043	25	0	0	0	31,138
Streetlight LED Conversion Program (8441)	1,465	6,001	5,628	5,765	5,875	6,000	7	0	30,741
Streetlights: Arterial, Residential and Floodlights (8378)	10,525	3,516	3,077	3,237	3,304	3,374	3,449	3,531	34,013
Transportation Streetlights (8377)	3,490	1,407	1,445	1,465	1,495	1,527	1,561	1,598	13,988
<b>D1 External Projects - Local Jurisdictions</b>	<b>32,299</b>	<b>32,849</b>	<b>14,975</b>	<b>15,059</b>	<b>10,699</b>	<b>10,901</b>	<b>5,017</b>	<b>5,129</b>	<b>126,928</b>

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<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)	9,020	42,161	41,366	19,031	24,808	21,724	8,034	8,290	174,434
First Hill Connector Streetcar (8442)	20	2,185	2,102	143	0	0	0	0	4,450
Mercer Corridor Relocations (8376)	2,880	12,597	1,430	2,701	0	0	0	0	19,608
Mercer Corridor West Phase Relocations (8443)	43	2,380	436	4,014	1,325	0	0	0	8,198
Sound Transit Light Rail - City Light (8204)	47,376	1,800	29	3	226	0	0	0	49,434
Sound Transit Light Rail East Link - City Light (8450)	0	96	65	259	265	0	0	0	685
Sound Transit Northlink - City Light (8427)	0	224	263	450	436	3,122	2,735	2,800	10,030
State Route 99 Capacity Additions and Relocations (8434)	0	0	0	0	0	0	0	12,250	12,250
Transportation Driven Relocations (8369)	9,340	2,227	2,569	2,699	2,779	2,779	2,600	4,873	29,866
<b>D2 External Projects - Transportation Relocations</b>	68,679	63,670	48,260	29,300	29,839	27,625	13,369	28,213	308,955
<b>D3 External Projects - Customer Other</b>					<b>BCL/Program Code:</b>			<b>SCL370-D3</b>	
Creston-Nelson to Intergrate East Feeder Installation (8430)	0	6,105	1,755	0	0	0	0	0	7,860
Neighborhood Voluntary Undergrounding Program (8383)	268	637	35	36	37	38	66	68	1,185
<b>D3 External Projects - Customer Other</b>	268	6,742	1,790	36	37	38	66	68	9,045
<b>E1 Central Utility Projects - Customer and Billing</b>					<b>BCL/Program Code:</b>			<b>SCL370-E1</b>	
Customer Information System (9937)	0	0	0	8,000	10,000	2,000	0	0	20,000
<b>E1 Central Utility Projects - Customer and Billing</b>	0	0	0	8,000	10,000	2,000	0	0	20,000
<b>E2 Central Utility Projects - Finance and IT Systems</b>					<b>BCL/Program Code:</b>			<b>SCL550-E2</b>	
CCSS System Improvements (9954)	0	551	560	0	0	0	0	0	1,111
Energy Management System (9956)	0	0	0	8,388	6,358	5,363	0	0	20,109
Enterprise Performance Management (9933)	2,624	1,175	13	0	0	0	0	0	3,812

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Information Technology Infrastructure (9915)	38,335	4,344	3,250	3,057	3,183	3,316	6,788	7,020	69,293
Integrated Budget System (9955)	0	0	0	869	901	825	0	0	2,595
Inventory System Redevelopment (9959)	0	0	0	1,626	0	0	0	0	1,626
PC, Windows, Software Upgrades (9951)	0	2,073	4,696	0	0	0	0	0	6,769
<b>E2 Central Utility Projects - Finance and IT Systems</b>	40,959	8,143	8,519	13,940	10,442	9,504	6,788	7,020	105,315
<b>E3 Central Utility Projects - Fleets and Facilities</b>	<b>BCL/Program Code:</b>						<b>SCL250-E3</b>		
Building Envelope Upgrades (9072)	5,962	109	109	112	114	116	119	122	6,763
Energy Conservation (9320)	1,097	383	0	683	697	364	339	347	3,910
Environmental Safeguarding and Remediation of Facilities (9152)	666	164	43	45	46	47	48	49	1,108
Facilities Infrastructure Improvements (9156)	1,335	633	54	55	56	57	59	60	2,309
Facilities Regulatory Compliance (9151)	18	34	34	34	35	36	37	37	265
Miscellaneous Building Improvements (9007)	13,773	0	0	165	260	81	83	85	14,447
North and South Service Center Improvements (9107)	25,474	647	176	1,094	1,116	958	783	802	31,050
North Service Center Expansion (9220)	2,909	550	1,102	0	0	0	0	0	4,561
Office Furniture and Equipment Purchase (9103)	25,652	0	0	11	11	12	12	12	25,710
Pole Yard Relocation (9226)	0	0	263	0	0	0	0	0	263
Safety Modifications (9006)	3,388	229	229	234	239	244	249	255	5,067
Seismic Mitigation (9134)	4,567	0	0	57	58	32	32	33	4,779
South Service Center Spokane Exit Modification (9215)	2,617	11,400	285	0	0	0	0	0	14,302
Special Work Equipment - Shops (8389)	766	206	0	599	611	312	319	327	3,140
Substation Comprehensive Improvements (9161)	2,442	0	0	539	309	189	193	198	3,870
Vehicle Replacement (9101)	67,620	8,745	8,949	9,186	9,368	9,567	9,779	8,283	131,497
Workplace and Process Improvement (9159)	1,812	80	0	2,763	3,217	100	102	105	8,179
<b>E3 Central Utility Projects - Fleets and Facilities</b>	160,098	23,180	11,244	15,577	16,137	12,115	12,154	10,715	261,220

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

<b>Department Total*:</b>	1,083,780	386,055	260,670	282,294	257,566	246,110	229,384	238,493	2,984,352
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*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**





## Seattle City Light

### Fund Summary

Fund Name & Code	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
City Light Fund (41000)	1,083,780	386,055	260,670	282,294	257,566	246,110	229,384	238,493	2,984,352
<b>Department Total*:</b>	1,083,780	386,055	260,670	282,294	257,566	246,110	229,384	238,493	2,984,352

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted 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. This project allows the City to comply with its requirements to relocate its infrastructure associated with the Alaskan Way Viaduct replacement and the Seawall and Central waterfront improvements.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,020	42,161	41,366	19,031	24,808	21,724	8,034	8,290	174,434
<b>Total:</b>	9,020	42,161	41,366	19,031	24,808	21,724	8,034	8,290	174,434
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,020	42,161	41,366	19,031	24,808	21,724	8,034	8,290	174,434
<b>Total*:</b>	9,020	42,161	41,366	19,031	24,808	21,724	8,034	8,290	174,434
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		25,585	48,869	25,766	21,862	26,227	7,481	7,145	162,935
<b>Total:</b>		25,585	48,869	25,766	21,862	26,227	7,481	7,145	162,935

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	765	459	66	69	0	0	0	0	1,359
<b>Total:</b>	765	459	66	69	0	0	0	0	1,359
<b>Fund Appropriations/Allocations</b>									
City Light Fund	765	459	66	69	0	0	0	0	1,359
<b>Total*:</b>	765	459	66	69	0	0	0	0	1,359
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		568	66	69	0	0	0	0	703
<b>Total:</b>		568	66	69	0	0	0	0	703

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

## 2012 - 2017 Adopted Capital Improvement Program

# Seattle City Light

## 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>	Q4/2012
<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 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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,068	50	0	0	0	0	0	1,118
<b>Total:</b>	0	1,068	50	0	0	0	0	0	1,118
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,068	50	0	0	0	0	0	1,118
<b>Total*:</b>	0	1,068	50	0	0	0	0	0	1,118
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		849	250	0	0	0	0	0	1,099
<b>Total:</b>		849	250	0	0	0	0	0	1,099

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

## **2012 - 2017 Adopted Capital Improvement Program**

**Bothell Substation - New Sewer System**

<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>	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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	199	252	286	39	0	0	0	776
<b>Total:</b>	0	199	252	286	39	0	0	0	776
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	199	252	286	39	0	0	0	776
<b>Total*:</b>	0	199	252	286	39	0	0	0	776
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		197	252	286	39	0	0	0	774
<b>Total:</b>		197	252	286	39	0	0	0	774

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

**2012 - 2017 Adopted Capital Improvement Program**

**Bothell Substation - Water Tower Removal**

<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>	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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	46	760	79	0	0	0	0	0	885
<b>Total:</b>	46	760	79	0	0	0	0	0	885
<b>Fund Appropriations/Allocations</b>									
City Light Fund	46	760	79	0	0	0	0	0	885
<b>Total*:</b>	46	760	79	0	0	0	0	0	885
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2	576	0	0	0	0	0	578
<b>Total:</b>		2	576	0	0	0	0	0	578

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

**2012 - 2017 Adopted 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>	Q4/2018
<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	520	519	1,059	4,838	1,257	3,029	1,167	12,389
<b>Total:</b>	0	520	519	1,059	4,838	1,257	3,029	1,167	12,389
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	520	519	1,059	4,838	1,257	3,029	1,167	12,389
<b>Total*:</b>	0	520	519	1,059	4,838	1,257	3,029	1,167	12,389
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		408	519	1,059	3,471	2,623	2,134	1,723	11,937
<b>Total:</b>		408	519	1,059	3,471	2,623	2,134	1,723	11,937

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

## **2012 - 2017 Adopted Capital Improvement Program**



**Boundary - Service Area Paving**

<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>	Q1/2013
<b>Project ID:</b>	6482	<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 paves the graveled service area at Boundary with asphalt, re-paving portions of the hairpin curve on the powerhouse access road, and repaving another short stretch of the access road between the curve and the powerhouse. The project also realigns the entrance into the service area. This project enhances the serviceability of the powerhouse access road by replacing the last sections of asphalt that were installed 40 years ago, and eliminates the need for dust abatement in summer. It also enhances safety as it also moves the entrance to the service area so that the normal flow of traffic will avoid the vehicle fueling area and pass the shop building at a safe distance.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	1,062	0	0	0	0	1,062
<b>Total:</b>	0	0	0	1,062	0	0	0	0	1,062
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	1,062	0	0	0	0	1,062
<b>Total*:</b>	0	0	0	1,062	0	0	0	0	1,062
<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.*

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	871	132	75	98	0	0	0	0	1,176
<b>Total:</b>	871	132	75	98	0	0	0	0	1,176
<b>Fund Appropriations/Allocations</b>									
City Light Fund	871	132	75	98	0	0	0	0	1,176
<b>Total*:</b>	871	132	75	98	0	0	0	0	1,176
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		38	75	98	0	0	0	0	211
<b>Total:</b>		38	75	98	0	0	0	0	211

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Boundary Dam - Forebay Recreation Area 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>	Q1/2013
<b>Project ID:</b>	6345	<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

In the 1980s, when Units 55 and 56 were added, the Federal Energy Regulatory Commission (FERC) amended the license of the Boundary plant. The Amendment required additional recreational facilities. None were added, due to water and septic system issues. As part of the Boundary Rehabilitation project, City Light addressed the water issue and developed a conceptual plan for recreational improvements. Those plans were put on hold due to budget constraints and security restrictions following 9-11. (Additional engineering is still required to address septic system issues; soil conditions in the area may limit the capacity of even a new, larger system.) Boundary's FERC license is due for renewal in 2011. In re-license negotiations with stakeholders, City Light will clarify what, if any, additional work is necessary to enhance recreation in the Forebay area.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	58	710	0	0	0	768
<b>Total:</b>	0	0	0	58	710	0	0	0	768
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	58	710	0	0	0	768
<b>Total*:</b>	0	0	0	58	710	0	0	0	768
<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.*

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	3,424	1,125	1,376	619	536	326	0	0	7,406
<b>Total:</b>	3,424	1,125	1,376	619	536	326	0	0	7,406
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,424	1,125	1,376	619	536	326	0	0	7,406
<b>Total*:</b>	3,424	1,125	1,376	619	536	326	0	0	7,406
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,280	1,376	619	536	326	0	0	4,137
<b>Total:</b>		1,280	1,376	619	536	326	0	0	4,137

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

## 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	404	68	15	0	0	0	0	0	487
<b>Total:</b>	404	68	15	0	0	0	0	0	487
<b>Fund Appropriations/Allocations</b>									
City Light Fund	404	68	15	0	0	0	0	0	487
<b>Total*:</b>	404	68	15	0	0	0	0	0	487
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		359	15	0	0	0	0	0	374
<b>Total:</b>		359	15	0	0	0	0	0	374

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Boundary Dam - Safety Instrumentation House

<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>	Q1/2011
<b>Project ID:</b>	6489	<b>End Date:</b>	Q4/2012
<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 consolidates safety instrumentation equipment and onsite monitoring at a central location. It provides a central location for continuous surveillance of the dam for detection of unusual, critical, or dangerous conditions that might arise. It enhances dam performance and monitoring, and facilitates essential training for personnel via single point monitoring and evaluation.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	233	97	0	0	0	0	0	330
<b>Total:</b>	0	233	97	0	0	0	0	0	330
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	233	97	0	0	0	0	0	330
<b>Total*:</b>	0	233	97	0	0	0	0	0	330
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		80	97	0	0	0	0	0	177
<b>Total:</b>		80	97	0	0	0	0	0	177

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Boundary Dam - Service Area 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>	Q1/2004
<b>Project ID:</b>	6347	<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 cable, panel and switchgear for several buildings in the service area; upgrades the fire protection system in the oil storage building; and provides covered, outdoor storage for steel. A state audit has concluded that the existing inventory control system is deficient, materials and spare parts should be stored on-site, and appropriate inventory control processes and associated infrastructure need to be developed and implemented.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,566	0	0	55	0	0	0	0	1,621
<b>Total:</b>	1,566	0	0	55	0	0	0	0	1,621
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,566	0	0	55	0	0	0	0	1,621
<b>Total*:</b>	1,566	0	0	55	0	0	0	0	1,621
<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.*

## **2012 - 2017 Adopted 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>	Q4/2012
<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 and adequate lighting, and to 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	400	442	50	0	0	0	0	0	892
<b>Total:</b>	400	442	50	0	0	0	0	0	892
<b>Fund Appropriations/Allocations</b>									
City Light Fund	400	442	50	0	0	0	0	0	892
<b>Total*:</b>	400	442	50	0	0	0	0	0	892
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		479	50	0	0	0	0	0	529
<b>Total:</b>		479	50	0	0	0	0	0	529

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

## 2012 - 2017 Adopted Capital Improvement Program



# Seattle City Light

## Boundary Dam - Tailrace Recreation Area Improvement

<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>	Q1/2013
<b>Project ID:</b>	6346	<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

In the 1980s, when Units 55 and 56 were added, the Federal Energy Regulatory Commission (FERC) amended the license of the Boundary plant. The Amendment required additional recreational facilities. None were added, due to water and septic system issues. As part of the Boundary Rehabilitation, City Light addressed the water issue and developed a conceptual plan for recreational improvements. Those plans were put on hold due to budget constraints and security restrictions following 9-11. (Additional engineering is still required to address septic system issues; soil conditions in the area may limit the capacity of even a new, larger system.) Boundary's FERC license is due for renewal in 2011. In re-license negotiations with stakeholders, City Light will clarify what, if any, additional work is necessary to enhance recreation in the Tailrace area.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	232	715	205	0	0	1,152
<b>Total:</b>	0	0	0	232	715	205	0	0	1,152
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	232	715	205	0	0	1,152
<b>Total*:</b>	0	0	0	232	715	205	0	0	1,152
<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.*

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Boundary Dam - Trashrack & Trashrake 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>	Q1/2013
<b>Project ID:</b>	6338	<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 adds a trashrake to remove debris accumulated in the trashrack. This project performs a thorough underwater inspection of the trashrack, in order to identify and implement modifications that may be needed to accommodate a trashraking system. It also designs and installs trashrake equipment to keep the racks clear of debris on a regular basis. The project prevents river debris buildup in the trashrack, which buildup causes the pressure drop across the rack by up to 1 ft of head. The current debris removal practice of using a clamshell once a year is expensive and time-consuming and less effective. Loss of head reduces generating capacity.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1	0	0	563	1,139	0	0	0	1,703
<b>Total:</b>	1	0	0	563	1,139	0	0	0	1,703
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1	0	0	563	1,139	0	0	0	1,703
<b>Total*:</b>	1	0	0	563	1,139	0	0	0	1,703
<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.*

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	149	0	0	0	0	149
<b>Total:</b>	0	0	0	149	0	0	0	0	149
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	149	0	0	0	0	149
<b>Total*:</b>	0	0	0	149	0	0	0	0	149
<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.*

## **2012 - 2017 Adopted 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 strategic maintenance and CIP plans, as well as monitoring plant flow, estimating tailrace elevations, and aid the monitoring of total dissolved gas.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	503	0	0	0	503
<b>Total:</b>	0	0	0	0	503	0	0	0	503
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	503	0	0	0	503
<b>Total*:</b>	0	0	0	0	503	0	0	0	503
<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.*

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,154	201	191	235	0	0	0	0	1,781
<b>Total:</b>	1,154	201	191	235	0	0	0	0	1,781
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,154	201	191	235	0	0	0	0	1,781
<b>Total*:</b>	1,154	201	191	235	0	0	0	0	1,781
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		183	191	235	0	0	0	0	609
<b>Total:</b>		183	191	235	0	0	0	0	609

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

## **2012 - 2017 Adopted 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 2014 to 2017. This increase reflects anticipated baseline CIP spending levels for the Boundary Facility that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects for the 2013-2018 CIP.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	6,600	2,470	1,303	528	2,766	6,782	14,958	20,862	56,269
<b>Total:</b>	6,600	2,470	1,303	528	2,766	6,782	14,958	20,862	56,269
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,600	2,470	1,303	528	2,766	6,782	14,958	20,862	56,269
<b>Total*:</b>	6,600	2,470	1,303	528	2,766	6,782	14,958	20,862	56,269
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,407	1,303	528	2,766	6,782	14,958	20,862	50,606
<b>Total:</b>		3,407	1,303	528	2,766	6,782	14,958	20,862	50,606

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

## **2012 - 2017 Adopted 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>	Q4/2013
<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 will construct 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	423	3,782	3,078	17,524	814	0	0	0	25,621
<b>Total:</b>	423	3,782	3,078	17,524	814	0	0	0	25,621
<b>Fund Appropriations/Allocations</b>									
City Light Fund	423	3,782	3,078	17,524	814	0	0	0	25,621
<b>Total*:</b>	423	3,782	3,078	17,524	814	0	0	0	25,621
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		237	3,078	17,005	1,333	0	0	0	21,653
<b>Total:</b>		237	3,078	17,005	1,333	0	0	0	21,653

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

## **2012 - 2017 Adopted 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>	Q1/2015
<b>Project ID:</b>	6351	<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	7,770	1,133	0	8,903
<b>Total:</b>	0	0	0	0	0	7,770	1,133	0	8,903
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	7,770	1,133	0	8,903
<b>Total*:</b>	0	0	0	0	0	7,770	1,133	0	8,903
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	0	0	1,819	7,084	0	8,903
<b>Total:</b>		0	0	0	0	1,819	7,084	0	8,903

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

## **2012 - 2017 Adopted Capital Improvement Program**



# Seattle City Light

## Boundary Powerhouse - Unit 53 Generator Rebuild

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	6352	<b>End Date:</b>	Q4/2014
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	93	7,718	1,082	0	0	0	8,893
<b>Total:</b>	0	0	93	7,718	1,082	0	0	0	8,893
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	93	7,718	1,082	0	0	0	8,893
<b>Total*:</b>	0	0	93	7,718	1,082	0	0	0	8,893
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	93	2,010	6,790	0	0	0	8,893
<b>Total:</b>		0	93	2,010	6,790	0	0	0	8,893

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

## **2012 - 2017 Adopted 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>	Q1/2014
<b>Project ID:</b>	6353	<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	7,784	1,065	0	0	8,849
<b>Total:</b>	0	0	0	0	7,784	1,065	0	0	8,849
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	7,784	1,065	0	0	8,849
<b>Total*:</b>	0	0	0	0	7,784	1,065	0	0	8,849
<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	1,957	6,892	0	0	8,849
<b>Total:</b>		0	0	0	1,957	6,892	0	0	8,849

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

## **2012 - 2017 Adopted 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>	Q4/2016
<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,098	15,784	1,491	1,533	1	0	3,941	0	23,848
<b>Total:</b>	1,098	15,784	1,491	1,533	1	0	3,941	0	23,848
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,098	15,784	1,491	1,533	1	0	3,941	0	23,848
<b>Total*:</b>	1,098	15,784	1,491	1,533	1	0	3,941	0	23,848
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,196	16,286	3,839	1	0	3,941	0	25,263
<b>Total:</b>		1,196	16,286	3,839	1	0	3,941	0	25,263

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,138	7,329	2,976	1,772	207	63	0	0	13,485
<b>Total:</b>	1,138	7,329	2,976	1,772	207	63	0	0	13,485
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,138	7,329	2,976	1,772	207	63	0	0	13,485
<b>Total*:</b>	1,138	7,329	2,976	1,772	207	63	0	0	13,485
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		8,222	2,976	1,772	207	63	0	0	13,240
<b>Total:</b>		8,222	2,976	1,772	207	63	0	0	13,240

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

## **2012 - 2017 Adopted 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 Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	14,235	107	751	1,004	4	0	0	16,101
<b>Total:</b>	0	14,235	107	751	1,004	4	0	0	16,101
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	14,235	107	751	1,004	4	0	0	16,101
<b>Total*:</b>	0	14,235	107	751	1,004	4	0	0	16,101
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,026	107	13,072	1,004	4	0	0	16,213
<b>Total:</b>		2,026	107	13,072	1,004	4	0	0	16,213

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,080	7,460	3,574	585	211	87	0	12,997
<b>Total:</b>	0	1,080	7,460	3,574	585	211	87	0	12,997
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,080	7,460	3,574	585	211	87	0	12,997
<b>Total*:</b>	0	1,080	7,460	3,574	585	211	87	0	12,997
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,064	7,460	3,574	585	211	87	0	12,981
<b>Total:</b>		1,064	7,460	3,574	585	211	87	0	12,981

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

## **2012 - 2017 Adopted 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>	Q4/2020
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2	2,656	2,694	2,876	2,935	3,356	3,535	3,616	21,670
<b>Total:</b>	2	2,656	2,694	2,876	2,935	3,356	3,535	3,616	21,670
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2	2,656	2,694	2,876	2,935	3,356	3,535	3,616	21,670
<b>Total*:</b>	2	2,656	2,694	2,876	2,935	3,356	3,535	3,616	21,670
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		146	2,694	2,876	2,935	3,356	3,535	3,616	19,158
<b>Total:</b>		146	2,694	2,876	2,935	3,356	3,535	3,616	19,158

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	54,155	2,305	1,817	1,842	1,880	1,920	1,962	2,009	67,890
<b>Total:</b>	54,155	2,305	1,817	1,842	1,880	1,920	1,962	2,009	67,890
<b>Fund Appropriations/Allocations</b>									
City Light Fund	54,155	2,305	1,817	1,842	1,880	1,920	1,962	2,009	67,890
<b>Total*:</b>	54,155	2,305	1,817	1,842	1,880	1,920	1,962	2,009	67,890
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,236	1,817	1,842	1,880	1,920	1,962	2,009	13,666
<b>Total:</b>		2,236	1,817	1,842	1,880	1,920	1,962	2,009	13,666

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	5,962	109	109	112	114	116	119	122	6,763
<b>Total:</b>	5,962	109	109	112	114	116	119	122	6,763
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,962	109	109	112	114	116	119	122	6,763
<b>Total*:</b>	5,962	109	109	112	114	116	119	122	6,763
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		107	109	112	114	116	119	122	799
<b>Total:</b>		107	109	112	114	116	119	122	799

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

## 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	329	5,668	604	0	0	0	0	0	6,601
<b>Total:</b>	329	5,668	604	0	0	0	0	0	6,601
<b>Fund Appropriations/Allocations</b>									
City Light Fund	329	5,668	604	0	0	0	0	0	6,601
<b>Total*:</b>	329	5,668	604	0	0	0	0	0	6,601
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,922	2,588	0	0	0	0	0	5,510
<b>Total:</b>		2,922	2,588	0	0	0	0	0	5,510

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

## 2012 - 2017 Adopted 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>	Q1/2017
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	3,105	3,105
<b>Total:</b>	0	0	0	0	0	0	0	3,105	3,105
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	3,105	3,105
<b>Total*:</b>	0	0	0	0	0	0	0	3,105	3,105
<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	558	558
<b>Total:</b>		0	0	0	0	0	0	558	558

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## CCSS System Improvements

<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>	9954	<b>End Date:</b>	Q4/2012
<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 upgrades the purge and archive function of Seattle's Consolidated Customer Service System (CCSS) that supports the Seattle City Light and Seattle Public Utilities call center and utility billing functions. The project enhances capability of both system operations and batch processing, and reduces risk of total system failure and ultimate deterioration of customer service and satisfaction. SCL and SPU will reevaluate the need for the upgrade before proceeding.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	551	560	0	0	0	0	0	1,111
<b>Total:</b>	0	551	560	0	0	0	0	0	1,111
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	551	560	0	0	0	0	0	1,111
<b>Total*:</b>	0	551	560	0	0	0	0	0	1,111
<b>O &amp; M Costs (Savings)</b>			102	104	106	108	0	0	420
<b>Spending Plan by Fund</b>									
City Light Fund		0	560	0	0	0	0	0	560
<b>Total:</b>		0	560	0	0	0	0	0	560

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Cedar Falls - Chester Morse Lake Pump Station Line Extension

<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>	8420	<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 designs and constructs a 12,000 foot, 26.4 kV dedicated distribution line from an existing 115 kV transmission line and nearby new switchyard to Seattle Public Utilities (SPU)-owned facilities at the Masonry Dam near Chester Morse Lake. The project enhances regional water supply by providing electric supply to new pumps that deliver water during drought conditions.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	117	1,316	1,048	1,535	0	0	0	0	4,016
<b>Total:</b>	117	1,316	1,048	1,535	0	0	0	0	4,016
<b>Fund Appropriations/Allocations</b>									
City Light Fund	117	1,316	1,048	1,535	0	0	0	0	4,016
<b>Total*:</b>	117	1,316	1,048	1,535	0	0	0	0	4,016
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		160	1,048	1,535	0	0	0	0	2,743
<b>Total:</b>		160	1,048	1,535	0	0	0	0	2,743

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## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Cedar Falls - Powerhouse Emergency Generator

<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>	Q1/2011
<b>Project ID:</b>	6495	<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

The Cedar Falls Powerhouse Emergency Generator is being added to provide emergency power for the Powerhouse in the event of a power outage. Work includes placing an outside emergency generator and pad, and routing conduit runs to the powerhouse.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1	70	0	0	0	0	71
<b>Total:</b>	0	0	1	70	0	0	0	0	71
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	1	70	0	0	0	0	71
<b>Total*:</b>	0	0	1	70	0	0	0	0	71
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		26	1	70	0	0	0	0	97
<b>Total:</b>		26	1	70	0	0	0	0	97

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

## **2012 - 2017 Adopted 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>	Q4/2014
<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,883	31	397	3,165	143	0	0	0	5,619
<b>Total:</b>	1,883	31	397	3,165	143	0	0	0	5,619
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,883	31	397	3,165	143	0	0	0	5,619
<b>Total*:</b>	1,883	31	397	3,165	143	0	0	0	5,619
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		138	397	1,106	2,202	0	0	0	3,843
<b>Total:</b>		138	397	1,106	2,202	0	0	0	3,843

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

## **2012 - 2017 Adopted 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>	Q4/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,002	652	659	0	0	0	0	0	2,313
<b>Total:</b>	1,002	652	659	0	0	0	0	0	2,313
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,002	652	659	0	0	0	0	0	2,313
<b>Total*:</b>	1,002	652	659	0	0	0	0	0	2,313
<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.*

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	718	0	0	718
<b>Total:</b>	0	0	0	0	0	718	0	0	718
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	718	0	0	718
<b>Total*:</b>	0	0	0	0	0	718	0	0	718
<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.*

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Cedar Falls Switchyard - Expansion for Morse Lake Pumps

<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>	7805	<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 constructs a tap into the 115 kV Rattlesnake Lake transmission line owned by Puget Sound Energy. It provides funds for the design and construction of a new switchyard that will supply dedicated electric power to Seattle Public Utilities (SPU). This project, and Project 8420, Cedar Falls to Chester Morse Lake Pump Station Line Extension, will supply power to new water supply pumps at Chester Morse Lake. The project enhances the ability of SPU to deliver water during drought conditions.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,508	162	794	2,219	291	7	0	0	4,981
<b>Total:</b>	1,508	162	794	2,219	291	7	0	0	4,981
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,508	162	794	2,219	291	7	0	0	4,981
<b>Total*:</b>	1,508	162	794	2,219	291	7	0	0	4,981
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		154	794	2,219	291	7	0	0	3,465
<b>Total:</b>		154	794	2,219	291	7	0	0	3,465

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

## **2012 - 2017 Adopted 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>	Q4/2018
<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 2014 to 2017. 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 2013-2018 CIP.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	3,191	597	1,043	470	972	1,728	2,790	2,843	13,634
<b>Total:</b>	3,191	597	1,043	470	972	1,728	2,790	2,843	13,634
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,191	597	1,043	470	972	1,728	2,790	2,843	13,634
<b>Total*:</b>	3,191	597	1,043	470	972	1,728	2,790	2,843	13,634
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		787	1,043	470	972	1,728	2,790	2,843	10,633
<b>Total:</b>		787	1,043	470	972	1,728	2,790	2,843	10,633

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	3,225	430	14	0	0	0	0	3,669
<b>Total:</b>	0	3,225	430	14	0	0	0	0	3,669
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	3,225	430	14	0	0	0	0	3,669
<b>Total*:</b>	0	3,225	430	14	0	0	0	0	3,669
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		22	1,680	669	0	0	0	0	2,371
<b>Total:</b>		22	1,680	669	0	0	0	0	2,371

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

## **2012 - 2017 Adopted 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>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,392	850	669	1,211	1,258	1,157	1,431	1,031	16,999
<b>Total:</b>	9,392	850	669	1,211	1,258	1,157	1,431	1,031	16,999
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,392	850	669	1,211	1,258	1,157	1,431	1,031	16,999
<b>Total*:</b>	9,392	850	669	1,211	1,258	1,157	1,431	1,031	16,999
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		738	669	1,211	1,258	1,157	1,431	1,031	7,495
<b>Total:</b>		738	669	1,211	1,258	1,157	1,431	1,031	7,495

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

## 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	6,105	1,755	0	0	0	0	0	7,860
<b>Total:</b>	0	6,105	1,755	0	0	0	0	0	7,860
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	6,105	1,755	0	0	0	0	0	7,860
<b>Total*:</b>	0	6,105	1,755	0	0	0	0	0	7,860
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		943	2,913	0	0	0	0	0	3,856
<b>Total:</b>		943	2,913	0	0	0	0	0	3,856

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Customer Information System

<b>BCL/Program Name:</b>	E1 Central Utility Projects - Customer and Billing	<b>BCL/Program Code:</b>	SCL370-E1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9937	<b>End Date:</b>	Q4/2015
<b>Location:</b>	700 5th Avenue		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project replaces the nine year-old CCSS application which is no longer supported by the vendor. The CCSS application does not support the business model and direction of the City of Seattle utilities. The current Consolidated Customer Service System (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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	8,000	10,000	2,000	0	0	20,000
<b>Total:</b>	0	0	0	8,000	10,000	2,000	0	0	20,000
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	8,000	10,000	2,000	0	0	20,000
<b>Total*:</b>	0	0	0	8,000	10,000	2,000	0	0	20,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle City Light

## Dallas Ave. 26 kV Crossing

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	8322	<b>End Date:</b>	Q4/2011
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	404	1,282	0	0	0	0	0	0	1,686
<b>Total:</b>	404	1,282	0	0	0	0	0	0	1,686
<b>Fund Appropriations/Allocations</b>									
City Light Fund	404	1,282	0	0	0	0	0	0	1,686
<b>Total*:</b>	404	1,282	0	0	0	0	0	0	1,686
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,192	0	0	0	0	0	0	1,192
<b>Total:</b>		1,192	0	0	0	0	0	0	1,192

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	63	0	0	138	2,622	0	0	0	2,823
<b>Total:</b>	63	0	0	138	2,622	0	0	0	2,823
<b>Fund Appropriations/Allocations</b>									
City Light Fund	63	0	0	138	2,622	0	0	0	2,823
<b>Total*:</b>	63	0	0	138	2,622	0	0	0	2,823
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	322	318	0	0	0	0	0	640
<b>Total:</b>	0	322	318	0	0	0	0	0	640
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	322	318	0	0	0	0	0	640
<b>Total*:</b>	0	322	318	0	0	0	0	0	640
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,090	318	0	0	0	0	0	1,408
<b>Total:</b>		1,090	318	0	0	0	0	0	1,408

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## 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>	Q4/2013
<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 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. This project is being merged into project 6405, Skagit Facility - Minor Improvements Program, in support of the consolidation of Skagit organizational units. The budget requested allows work already started under this project to be completed.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,961	1,564	833	95	0	0	0	0	4,453
<b>Total:</b>	1,961	1,564	833	95	0	0	0	0	4,453
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,961	1,564	833	95	0	0	0	0	4,453
<b>Total*:</b>	1,961	1,564	833	95	0	0	0	0	4,453
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		268	833	95	0	0	0	0	1,196
<b>Total:</b>		268	833	95	0	0	0	0	1,196

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## 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>	Q1/2010
<b>Project ID:</b>	6481	<b>End Date:</b>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	35	300	447	0	0	0	0	0	782
<b>Total:</b>	35	300	447	0	0	0	0	0	782
<b>Fund Appropriations/Allocations</b>									
City Light Fund	35	300	447	0	0	0	0	0	782
<b>Total*:</b>	35	300	447	0	0	0	0	0	782
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		328	447	0	0	0	0	0	775
<b>Total:</b>		328	447	0	0	0	0	0	775

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

## 2012 - 2017 Adopted Capital Improvement Program

# Seattle City Light

## Diablo Powerhouse - 240 KV Bus Tap for Station Service

<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>	6413	<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 a bus tap, transformer, and other equipment to enable the powerhouse to tap into the 240 kV ring bus in the Diablo Switchyard. This project increases system reliability and increases capacity to support operations, the Town of Diablo, and the new Environmental Learning Center.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	1,156	335	293	0	0	1,784
<b>Total:</b>	0	0	0	1,156	335	293	0	0	1,784
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	1,156	335	293	0	0	1,784
<b>Total*:</b>	0	0	0	1,156	335	293	0	0	1,784
<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	118	1,373	293	0	0	1,784
<b>Total:</b>		0	0	118	1,373	293	0	0	1,784

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

## 2012 - 2017 Adopted Capital Improvement Program

# 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	379	385	0	0	764
<b>Total:</b>	0	0	0	0	379	385	0	0	764
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	379	385	0	0	764
<b>Total*:</b>	0	0	0	0	379	385	0	0	764
<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.*

## 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	69	161	0	0	0	0	0	230
<b>Total:</b>	0	69	161	0	0	0	0	0	230
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	69	161	0	0	0	0	0	230
<b>Total*:</b>	0	69	161	0	0	0	0	0	230
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		463	161	0	0	0	0	0	624
<b>Total:</b>		463	161	0	0	0	0	0	624

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	244	21	0	0	0	265
<b>Total:</b>	0	0	0	244	21	0	0	0	265
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	244	21	0	0	0	265
<b>Total*:</b>	0	0	0	244	21	0	0	0	265
<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.*

## **2012 - 2017 Adopted 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>	Q1/2013
<b>Project ID:</b>	6422	<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	8,237	1,117	590	0	0	9,944
<b>Total:</b>	0	0	0	8,237	1,117	590	0	0	9,944
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	8,237	1,117	590	0	0	9,944
<b>Total*:</b>	0	0	0	8,237	1,117	590	0	0	9,944
<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	1,853	7,502	590	0	0	9,945
<b>Total:</b>		0	0	1,853	7,502	590	0	0	9,945

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

## **2012 - 2017 Adopted 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>	Q1/2014
<b>Project ID:</b>	6423	<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	7,023	1,050	0	0	8,073
<b>Total:</b>	0	0	0	0	7,023	1,050	0	0	8,073
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	7,023	1,050	0	0	8,073
<b>Total*:</b>	0	0	0	0	7,023	1,050	0	0	8,073
<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	1,514	6,559	0	0	8,073
<b>Total:</b>		0	0	0	1,514	6,559	0	0	8,073

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Diablo Powerhouse - Units 31-32 Exciter 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>	Q1/1989
<b>Project ID:</b>	6492	<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 two exciters within Diablo's power generation Units 31 and 32 used to start the electrical generation process.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	48	85	112	0	0	0	0	245
<b>Total:</b>	0	48	85	112	0	0	0	0	245
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	48	85	112	0	0	0	0	245
<b>Total*:</b>	0	48	85	112	0	0	0	0	245
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	85	112	0	0	0	0	197
<b>Total:</b>		0	85	112	0	0	0	0	197

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	29	0	0	116	125	0	0	0	270
<b>Total:</b>	29	0	0	116	125	0	0	0	270
<b>Fund Appropriations/Allocations</b>									
City Light Fund	29	0	0	116	125	0	0	0	270
<b>Total*:</b>	29	0	0	116	125	0	0	0	270
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	11,071	1,770	2,214	1,754	1,374	1,085	1,120	1,043	21,431
<b>Total:</b>	11,071	1,770	2,214	1,754	1,374	1,085	1,120	1,043	21,431
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,071	1,770	2,214	1,754	1,374	1,085	1,120	1,043	21,431
<b>Total*:</b>	11,071	1,770	2,214	1,754	1,374	1,085	1,120	1,043	21,431
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,105	2,214	1,754	1,374	1,085	1,120	1,043	9,695
<b>Total:</b>		1,105	2,214	1,754	1,374	1,085	1,120	1,043	9,695

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle City Light

## Distribution Automation

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8425	<b>End Date:</b>	Q4/2016
<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 creates a Distribution Automation System that provides significant operational benefits and serves as a major component of the future Smart Grid infrastructure. This project installs strategically placed power line switches. The project provides for the ability to perform automatic outage restoration, shift blocks of load to maximize efficiencies of power lines, and reconfigure power lines into its optimal configuration. This project also provides remote control of operations of switches on power lines, real time data which allows for advanced monitoring of conditions in distribution power lines, and standardized line switching equipment in City Light's service area.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	318	2,152	2,197	2,280	0	6,947
<b>Total:</b>	0	0	0	318	2,152	2,197	2,280	0	6,947
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	318	2,152	2,197	2,280	0	6,947
<b>Total*:</b>	0	0	0	318	2,152	2,197	2,280	0	6,947
<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	318	1,622	1,645	3,362	0	6,947
<b>Total:</b>		0	0	318	1,622	1,645	3,362	0	6,947

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle City Light

## East Pine Substation - Transformer Replacements

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	7811	<b>End Date:</b>	Q4/2017
<b>Location:</b>	1501 23rd Ave		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	23rd Ave. @ Jackson

This project funds the review of one power transformer at East Pine 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	3,034	921	3,955
<b>Total:</b>	0	0	0	0	0	0	3,034	921	3,955
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	3,034	921	3,955
<b>Total*:</b>	0	0	0	0	0	0	3,034	921	3,955
<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	545	921	1,466
<b>Total:</b>		0	0	0	0	0	545	921	1,466

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## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## 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 wildlife 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	8,962	2,451	971	1,096	1,119	1,142	1,168	1,195	18,104
<b>Total:</b>	8,962	2,451	971	1,096	1,119	1,142	1,168	1,195	18,104
<b>Fund Appropriations/Allocations</b>									
City Light Fund	8,962	2,451	971	1,096	1,119	1,142	1,168	1,195	18,104
<b>Total*:</b>	8,962	2,451	971	1,096	1,119	1,142	1,168	1,195	18,104
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		967	971	1,096	1,119	1,142	1,168	1,195	7,658
<b>Total:</b>		967	971	1,096	1,119	1,142	1,168	1,195	7,658

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,097	383	0	683	697	364	339	347	3,910
<b>Total:</b>	1,097	383	0	683	697	364	339	347	3,910
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,097	383	0	683	697	364	339	347	3,910
<b>Total*:</b>	1,097	383	0	683	697	364	339	347	3,910
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		218	0	683	697	364	339	347	2,648
<b>Total:</b>		218	0	683	697	364	339	347	2,648

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

## 2012 - 2017 Adopted 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>	Q1/2013
<b>Project ID:</b>	9956	<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

The project replaces the existing Energy Management System (EMS). The EMS is a mission critical system that monitors, controls, reliably operates, and optimizes the performance of the Utility's generation and transmission systems. The EMS operates 24 hours per day, 7 days per week in order to match load to generation second to second, monitor bulk electric system and distribution system transmission loading and equipment, monitor generating facilities and equipment, comply with numerous NERC standards, support Control Center, substation, and power plant operations, and ensure City Light's energy generating and delivery capabilities.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	8,388	6,358	5,363	0	0	20,109
<b>Total:</b>	0	0	0	8,388	6,358	5,363	0	0	20,109
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	8,388	6,358	5,363	0	0	20,109
<b>Total*:</b>	0	0	0	8,388	6,358	5,363	0	0	20,109
<b>O &amp; M Costs (Savings)</b>			713	0	0	0	674	690	2,077
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	5,181	7,362	7,567	0	0	20,110
<b>Total:</b>		0	0	5,181	7,362	7,567	0	0	20,110

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

## 2012 - 2017 Adopted 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>	Q4/2012
<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 implements a business intelligence system for City Light. The project provides staffing, software and consultant support, and includes identifying performance metrics for each of City Light's programs. The project creates tight links between budgeting and business strategy. The project provides tools to align the Department's organizational strategy with the tactics taken by its discrete parts and measure the alignment or lack thereof. This project will provide the funding to integrate goal setting, planning, and performance monitoring, thus providing a single and up-to-date version of the financial and corporate health.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,624	1,175	13	0	0	0	0	0	3,812
<b>Total:</b>	2,624	1,175	13	0	0	0	0	0	3,812
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,624	1,175	13	0	0	0	0	0	3,812
<b>Total*:</b>	2,624	1,175	13	0	0	0	0	0	3,812
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		439	235	0	0	0	0	0	674
<b>Total:</b>		439	235	0	0	0	0	0	674

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	666	164	43	45	46	47	48	49	1,108
<b>Total:</b>	666	164	43	45	46	47	48	49	1,108
<b>Fund Appropriations/Allocations</b>									
City Light Fund	666	164	43	45	46	47	48	49	1,108
<b>Total*:</b>	666	164	43	45	46	47	48	49	1,108
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		162	43	45	46	47	48	49	440
<b>Total:</b>		162	43	45	46	47	48	49	440

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

## **2012 - 2017 Adopted 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 components critical to building operations, sometimes referred to as "base building systems," plus site development items. Work under this project may include major 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,335	633	54	55	56	57	59	60	2,309
<b>Total:</b>	1,335	633	54	55	56	57	59	60	2,309
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,335	633	54	55	56	57	59	60	2,309
<b>Total*:</b>	1,335	633	54	55	56	57	59	60	2,309
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## **2012 - 2017 Adopted Capital Improvement Program**

**Facilities Regulatory Compliance**

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9151	<b>End Date:</b>	Q4/2018
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project executes legally mandated improvements and permits SCL to make proactive facilities modifications as many workspaces are subject to the regulations outlined in the Americans with Disabilities Act (ADA). The project also provides funding for other legally driven projects which may include air conditioning retrofits or replacements to eliminate outlawed refrigerants, and hazardous material abatement or containment. The project reinforces City Light's leadership position on safety, environmental, and accessibility initiatives. It allows SCL to maintain its compliance with the ADA, averting fines, and highlighting City Light's image as a leading corporate citizen.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	18	34	34	34	35	36	37	37	265
<b>Total:</b>	18	34	34	34	35	36	37	37	265
<b>Fund Appropriations/Allocations</b>									
City Light Fund	18	34	34	34	35	36	37	37	265
<b>Total*:</b>	18	34	34	34	35	36	37	37	265
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		33	34	34	35	36	37	37	246
<b>Total:</b>		33	34	34	35	36	37	37	246

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

**2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## First Hill and University - 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>	Q4/2020
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	8,000	1,034	1,391	1,594	1,642	3,657	3,738	3,822	24,878
<b>Total:</b>	8,000	1,034	1,391	1,594	1,642	3,657	3,738	3,822	24,878
<b>Fund Appropriations/Allocations</b>									
City Light Fund	8,000	1,034	1,391	1,594	1,642	3,657	3,738	3,822	24,878
<b>Total*:</b>	8,000	1,034	1,391	1,594	1,642	3,657	3,738	3,822	24,878
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		552	1,391	1,594	1,642	3,657	3,738	3,822	16,396
<b>Total:</b>		552	1,391	1,594	1,642	3,657	3,738	3,822	16,396

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## 2012 - 2017 Adopted 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>	Q4/2013
<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 repair to existing duct banks identified along this route. The project enhances system reliability and customer service.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	20	2,185	2,102	143	0	0	0	0	4,450
<b>Total:</b>	20	2,185	2,102	143	0	0	0	0	4,450
<b>Fund Appropriations/Allocations</b>									
City Light Fund	20	2,185	2,102	143	0	0	0	0	4,450
<b>Total*:</b>	20	2,185	2,102	143	0	0	0	0	4,450
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		181	2,101	1,038	0	0	0	0	3,320
<b>Total:</b>		181	2,101	1,038	0	0	0	0	3,320

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	4,993	1,122	600	635	798	301	300	0	8,749
<b>Total:</b>	4,993	1,122	600	635	798	301	300	0	8,749
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,993	1,122	600	635	798	301	300	0	8,749
<b>Total*:</b>	4,993	1,122	600	635	798	301	300	0	8,749
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,067	600	635	798	301	300	0	3,701
<b>Total:</b>		1,067	600	635	798	301	300	0	3,701

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle City Light

## 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>	Q4/2013
<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 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. This project is being merged into project 6405, Skagit Facility - Minor Improvements Program, in support of the consolidation of Skagit organizational units. The budget requested allows work already started under this project to be completed.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,934	1,071	349	146	0	0	0	0	3,500
<b>Total:</b>	1,934	1,071	349	146	0	0	0	0	3,500
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,934	1,071	349	146	0	0	0	0	3,500
<b>Total*:</b>	1,934	1,071	349	146	0	0	0	0	3,500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		374	349	146	0	0	0	0	869
<b>Total:</b>		374	349	146	0	0	0	0	869

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## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Gorge Facility - Second Tunnel Installation

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6302	<b>End Date:</b>	Q4/2016
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	3,784	2,341	519	412	474	479	181	0	8,190
<b>Total:</b>	3,784	2,341	519	412	474	479	181	0	8,190
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,784	2,341	519	412	474	479	181	0	8,190
<b>Total*:</b>	3,784	2,341	519	412	474	479	181	0	8,190
<b>O &amp; M Costs (Savings)</b>			690	0	0	0	0	0	690
<b>Spending Plan by Fund</b>									
City Light Fund		964	1,148	412	474	479	181	0	3,658
<b>Total:</b>		964	1,148	412	474	479	181	0	3,658

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## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	99	431	0	0	0	530
<b>Total:</b>	0	0	0	99	431	0	0	0	530
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	99	431	0	0	0	530
<b>Total*:</b>	0	0	0	99	431	0	0	0	530
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted 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 Powerhouse's existing oil-insulated transformer and its conductors with dry transformers and conductors. Replacement will ensure reliability and prevent environmental hazards.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	353	358	170	115	0	0	0	0	996
<b>Total:</b>	353	358	170	115	0	0	0	0	996
<b>Fund Appropriations/Allocations</b>									
City Light Fund	353	358	170	115	0	0	0	0	996
<b>Total*:</b>	353	358	170	115	0	0	0	0	996
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		354	170	115	0	0	0	0	639
<b>Total:</b>		354	170	115	0	0	0	0	639

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## **2012 - 2017 Adopted Capital Improvement Program**

**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. This project helps to maintain a stable, reliable computing environment at the utility. This project shows increased project allocations in years 2016 to 2017. This increase reflects anticipated baseline CIP spending levels for information technology systems that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects for the 2013-2018 CIP.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	38,335	4,344	3,250	3,057	3,183	3,316	6,788	7,020	69,293
<b>Total:</b>	38,335	4,344	3,250	3,057	3,183	3,316	6,788	7,020	69,293
<b>Fund Appropriations/Allocations</b>									
City Light Fund	38,335	4,344	3,250	3,057	3,183	3,316	6,788	7,020	69,293
<b>Total*:</b>	38,335	4,344	3,250	3,057	3,183	3,316	6,788	7,020	69,293
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,149	3,250	3,057	3,183	3,316	6,788	7,020	29,763
<b>Total:</b>		3,149	3,250	3,057	3,183	3,316	6,788	7,020	29,763

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

**2012 - 2017 Adopted 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>	Q1/2013
<b>Project ID:</b>	9955	<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

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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	869	901	825	0	0	2,595
<b>Total:</b>	0	0	0	869	901	825	0	0	2,595
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	869	901	825	0	0	2,595
<b>Total*:</b>	0	0	0	869	901	825	0	0	2,595
<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.*

## 2012 - 2017 Adopted Capital Improvement Program

**Inventory System Redevelopment**

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9959	<b>End Date:</b>	Q4/2013
<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 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	1,626	0	0	0	0	1,626
<b>Total:</b>	0	0	0	1,626	0	0	0	0	1,626
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	1,626	0	0	0	0	1,626
<b>Total*:</b>	0	0	0	1,626	0	0	0	0	1,626
<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.*

**2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,932	1,225	172	0	0	0	0	0	3,329
<b>Total:</b>	1,932	1,225	172	0	0	0	0	0	3,329
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,932	1,225	172	0	0	0	0	0	3,329
<b>Total*:</b>	1,932	1,225	172	0	0	0	0	0	3,329
<b>O &amp; M Costs (Savings)</b>			11	2	3	3	0	0	19
<b>Spending Plan by Fund</b>									
City Light Fund		166	172	0	0	0	0	0	338
<b>Total:</b>		166	172	0	0	0	0	0	338

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Lake Forest Park - Feeder Rehabilitation

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8384	<b>End Date:</b>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,949	1,260	1,232	0	0	0	0	0	5,441
<b>Total:</b>	2,949	1,260	1,232	0	0	0	0	0	5,441
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,949	1,260	1,232	0	0	0	0	0	5,441
<b>Total*:</b>	2,949	1,260	1,232	0	0	0	0	0	5,441
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,176	1,232	0	0	0	0	0	2,408
<b>Total:</b>		1,176	1,232	0	0	0	0	0	2,408

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	6,578	3,080	6,067	3,928	3,651	3,729	3,811	3,902	34,746
<b>Total:</b>	6,578	3,080	6,067	3,928	3,651	3,729	3,811	3,902	34,746
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,578	3,080	6,067	3,928	3,651	3,729	3,811	3,902	34,746
<b>Total*:</b>	6,578	3,080	6,067	3,928	3,651	3,729	3,811	3,902	34,746
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,747	6,067	3,928	3,651	3,729	3,811	3,902	27,835
<b>Total:</b>		2,747	6,067	3,928	3,651	3,729	3,811	3,902	27,835

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## **2012 - 2017 Adopted 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 4 kV equipment and direct buried cables with a buried conduit system. The project improves service reliability, customer satisfaction, economic operating efficiencies, and safety, and, since PCB transformers are replaced, reduces environmental damage exposure.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,933	3,059	2,830	637	562	0	0	0	9,021
<b>Total:</b>	1,933	3,059	2,830	637	562	0	0	0	9,021
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,933	3,059	2,830	637	562	0	0	0	9,021
<b>Total*:</b>	1,933	3,059	2,830	637	562	0	0	0	9,021
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,674	3,580	637	562	0	0	0	7,453
<b>Total:</b>		2,674	3,580	637	562	0	0	0	7,453

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,107	968	618	131	134	137	140	143	3,378
<b>Total:</b>	1,107	968	618	131	134	137	140	143	3,378
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,107	968	618	131	134	137	140	143	3,378
<b>Total*:</b>	1,107	968	618	131	134	137	140	143	3,378
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		782	618	131	134	137	140	143	2,085
<b>Total:</b>		782	618	131	134	137	140	143	2,085

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## 2012 - 2017 Adopted Capital Improvement Program

**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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	14,392	7,698	4,545	4,217	4,304	4,396	4,494	4,600	48,646
<b>Total:</b>	14,392	7,698	4,545	4,217	4,304	4,396	4,494	4,600	48,646
<b>Fund Appropriations/Allocations</b>									
City Light Fund	14,392	7,698	4,545	4,217	4,304	4,396	4,494	4,600	48,646
<b>Total*:</b>	14,392	7,698	4,545	4,217	4,304	4,396	4,494	4,600	48,646
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,584	4,545	4,217	4,304	4,396	4,494	4,600	31,140
<b>Total:</b>		4,584	4,545	4,217	4,304	4,396	4,494	4,600	31,140

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**2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Massachusetts Street 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>	7810	<b>End Date:</b>	Q4/2017
<b>Location:</b>	1555 Utah 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>	Duwamish

This project funds the review of two power transformers at Massachusetts Street 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	2,968	3,932	971	7,871
<b>Total:</b>	0	0	0	0	0	2,968	3,932	971	7,871
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	2,968	3,932	971	7,871
<b>Total*:</b>	0	0	0	0	0	2,968	3,932	971	7,871
<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	534	1,444	3,406	5,384
<b>Total:</b>		0	0	0	0	534	1,444	3,406	5,384

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

## **2012 - 2017 Adopted 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 as a means to fulfill its commitment to be a customer and community-focused organization.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	36,548	8,904	8,561	8,667	8,847	9,035	9,235	9,454	99,251
<b>Total:</b>	36,548	8,904	8,561	8,667	8,847	9,035	9,235	9,454	99,251
<b>Fund Appropriations/Allocations</b>									
City Light Fund	36,548	8,904	8,561	8,667	8,847	9,035	9,235	9,454	99,251
<b>Total*:</b>	36,548	8,904	8,561	8,667	8,847	9,035	9,235	9,454	99,251
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		8,279	8,561	8,667	8,847	9,035	9,235	9,454	62,078
<b>Total:</b>		8,279	8,561	8,667	8,847	9,035	9,235	9,454	62,078

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## **2012 - 2017 Adopted Capital Improvement Program**



# Seattle City Light

## Mercer Corridor Relocations

<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	8376	<b>End Date:</b>	Q4/2013
<b>Location:</b>	Mercer Street & I - 5/Dexter Ave N		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	South Lake Union

This project converts a section of SCL's existing 26kV overhead electrical distribution systems and a section of the existing overhead Broad-University 115kV transmission line to an underground configuration. This project provides for the construction of a manageable and sustainable electrical power distribution infrastructure within this major City of Seattle transportation corridor improvement in the South Lake Union Urban Center.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,880	12,597	1,430	2,701	0	0	0	0	19,608
<b>Total:</b>	2,880	12,597	1,430	2,701	0	0	0	0	19,608
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,880	12,597	1,430	2,701	0	0	0	0	19,608
<b>Total*:</b>	2,880	12,597	1,430	2,701	0	0	0	0	19,608
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,461	5,079	6,991	0	0	0	0	14,531
<b>Total:</b>		2,461	5,079	6,991	0	0	0	0	14,531

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

## 2012 - 2017 Adopted 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 Sewawall 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	43	2,380	436	4,014	1,325	0	0	0	8,198
<b>Total:</b>	43	2,380	436	4,014	1,325	0	0	0	8,198
<b>Fund Appropriations/Allocations</b>									
City Light Fund	43	2,380	436	4,014	1,325	0	0	0	8,198
<b>Total*:</b>	43	2,380	436	4,014	1,325	0	0	0	8,198
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		477	2,382	4,014	1,325	0	0	0	8,198
<b>Total:</b>		477	2,382	4,014	1,325	0	0	0	8,198

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

## 2012 - 2017 Adopted 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>	Q4/2018
<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 or replacement meters. The types of work included in this project are: 1) Meter service and installations for new or upgraded commercial and residential customer electrical services. 2) Obsolete meter exchanges. 3) Audits of new services, system metering, solar metering (net-metering), and virtual totalizing technology impacting the distribution system. 4) Testing, calibration, inventory management, verification, and meter and transformer programming. 5) Electrical measurement standards verification. This project ensures accurate customer billing.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	61,942	5,903	4,364	8,156	8,176	8,353	8,536	8,739	114,169
<b>Total:</b>	61,942	5,903	4,364	8,156	8,176	8,353	8,536	8,739	114,169
<b>Fund Appropriations/Allocations</b>									
City Light Fund	61,942	5,903	4,364	8,156	8,176	8,353	8,536	8,739	114,169
<b>Total*:</b>	61,942	5,903	4,364	8,156	8,176	8,353	8,536	8,739	114,169
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,671	4,364	8,156	8,176	8,353	8,536	8,739	50,995
<b>Total:</b>		4,671	4,364	8,156	8,176	8,353	8,536	8,739	50,995

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	607	583	414	0	0	0	0	1,604
<b>Total:</b>	0	607	583	414	0	0	0	0	1,604
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	607	583	414	0	0	0	0	1,604
<b>Total*:</b>	0	607	583	414	0	0	0	0	1,604
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		586	583	414	0	0	0	0	1,583
<b>Total:</b>		586	583	414	0	0	0	0	1,583

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	13,773	0	0	165	260	81	83	85	14,447
<b>Total:</b>	13,773	0	0	165	260	81	83	85	14,447
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,773	0	0	165	260	81	83	85	14,447
<b>Total*:</b>	13,773	0	0	165	260	81	83	85	14,447
<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.*

## 2012 - 2017 Adopted 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>	Q1/2012
<b>Project ID:</b>	8429	<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	548	1,133	2,806	831	541	0	5,859
<b>Total:</b>	0	0	548	1,133	2,806	831	541	0	5,859
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	548	1,133	2,806	831	541	0	5,859
<b>Total*:</b>	0	0	548	1,133	2,806	831	541	0	5,859
<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.*

## **2012 - 2017 Adopted 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 silica 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,011	8,779	5,510	5,278	5,387	5,502	5,624	5,785	43,876
<b>Total:</b>	2,011	8,779	5,510	5,278	5,387	5,502	5,624	5,785	43,876
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,011	8,779	5,510	5,278	5,387	5,502	5,624	5,785	43,876
<b>Total*:</b>	2,011	8,779	5,510	5,278	5,387	5,502	5,624	5,785	43,876
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,027	4,376	5,230	5,337	5,449	5,568	8,377	36,364
<b>Total:</b>		2,027	4,376	5,230	5,337	5,449	5,568	8,377	36,364

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## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	268	637	35	36	37	38	66	68	1,185
<b>Total:</b>	268	637	35	36	37	38	66	68	1,185
<b>Fund Appropriations/Allocations</b>									
City Light Fund	268	637	35	36	37	38	66	68	1,185
<b>Total*:</b>	268	637	35	36	37	38	66	68	1,185
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		55	61	62	63	65	66	68	440
<b>Total:</b>		55	61	62	63	65	66	68	440

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	19,805	3,589	3,474	5,747	5,867	5,992	6,124	6,269	56,867
<b>Total:</b>	19,805	3,589	3,474	5,747	5,867	5,992	6,124	6,269	56,867
<b>Fund Appropriations/Allocations</b>									
City Light Fund	19,805	3,589	3,474	5,747	5,867	5,992	6,124	6,269	56,867
<b>Total*:</b>	19,805	3,589	3,474	5,747	5,867	5,992	6,124	6,269	56,867
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,962	3,474	5,747	5,867	5,992	6,124	6,269	37,435
<b>Total:</b>		3,962	3,474	5,747	5,867	5,992	6,124	6,269	37,435

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## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	22,369	4,306	3,517	4,696	4,794	4,896	5,004	5,123	54,705
<b>Total:</b>	22,369	4,306	3,517	4,696	4,794	4,896	5,004	5,123	54,705
<b>Fund Appropriations/Allocations</b>									
City Light Fund	22,369	4,306	3,517	4,696	4,794	4,896	5,004	5,123	54,705
<b>Total*:</b>	22,369	4,306	3,517	4,696	4,794	4,896	5,004	5,123	54,705
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,962	3,517	4,696	4,794	4,896	5,004	5,123	31,992
<b>Total:</b>		3,962	3,517	4,696	4,794	4,896	5,004	5,123	31,992

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## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Network Geographic Information Systems

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	9943	<b>End Date:</b>	Q4/2013
<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 moves the software environment used to maintain the Geographic Information System's data off of an obsolete, custom coded, legacy application environment, and into a more sustainable, more out-of-the-box, application environment. This project will enhance the reliability of the storage of GIS data and the day to day work of designing, maintaining and operating the Network system.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	88	811	733	157	0	0	0	0	1,789
<b>Total:</b>	88	811	733	157	0	0	0	0	1,789
<b>Fund Appropriations/Allocations</b>									
City Light Fund	88	811	733	157	0	0	0	0	1,789
<b>Total*:</b>	88	811	733	157	0	0	0	0	1,789
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		725	733	157	0	0	0	0	1,615
<b>Total:</b>		725	733	157	0	0	0	0	1,615

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

## **2012 - 2017 Adopted 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. This 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	3,980	473	622	626	645	671	686	702	8,405
<b>Total:</b>	3,980	473	622	626	645	671	686	702	8,405
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,980	473	622	626	645	671	686	702	8,405
<b>Total*:</b>	3,980	473	622	626	645	671	686	702	8,405
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		576	622	626	645	671	686	702	4,528
<b>Total:</b>		576	622	626	645	671	686	702	4,528

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## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	42,285	6,387	2,973	3,047	3,110	3,176	3,246	3,341	67,565
<b>Total:</b>	42,285	6,387	2,973	3,047	3,110	3,176	3,246	3,341	67,565
<b>Fund Appropriations/Allocations</b>									
City Light Fund	42,285	6,387	2,973	3,047	3,110	3,176	3,246	3,341	67,565
<b>Total*:</b>	42,285	6,387	2,973	3,047	3,110	3,176	3,246	3,341	67,565
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,254	2,973	3,047	3,110	3,176	3,246	3,341	22,147
<b>Total:</b>		3,254	2,973	3,047	3,110	3,176	3,246	3,341	22,147

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

## **2012 - 2017 Adopted 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>	Q1/2009
<b>Project ID:</b>	6479	<b>End Date:</b>	Q4/2014
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project rehabilitates the Newhalem Generator 20 turbine runner and penstock. Placed in service in 1921, the turbine runner and penstock have reached the end of their useful life. This system has a 2.5 megawatts generating capacity of clean renewable power. In addition, it provides emergency power backup to Newhalem and Gorge facilities.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	745	0	15	249	173	0	0	0	1,182
<b>Total:</b>	745	0	15	249	173	0	0	0	1,182
<b>Fund Appropriations/Allocations</b>									
City Light Fund	745	0	15	249	173	0	0	0	1,182
<b>Total*:</b>	745	0	15	249	173	0	0	0	1,182
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		367	15	249	173	0	0	0	804
<b>Total:</b>		367	15	249	173	0	0	0	804

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

## **2012 - 2017 Adopted 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, but during any single emergency situation that lasts less than 48 hours, such as lightning storms and brief wind storms. It enhances customer satisfaction by allowing rapid response to execute necessary system repairs.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,458	563	641	328	335	342	349	358	5,374
<b>Total:</b>	2,458	563	641	328	335	342	349	358	5,374
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,458	563	641	328	335	342	349	358	5,374
<b>Total*:</b>	2,458	563	641	328	335	342	349	358	5,374
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		538	641	328	335	342	349	358	2,891
<b>Total:</b>		538	641	328	335	342	349	358	2,891

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	25,474	647	176	1,094	1,116	958	783	802	31,050
<b>Total:</b>	25,474	647	176	1,094	1,116	958	783	802	31,050
<b>Fund Appropriations/Allocations</b>									
City Light Fund	25,474	647	176	1,094	1,116	958	783	802	31,050
<b>Total*:</b>	25,474	647	176	1,094	1,116	958	783	802	31,050
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		509	176	1,094	1,116	958	783	802	5,438
<b>Total:</b>		509	176	1,094	1,116	958	783	802	5,438

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

## **2012 - 2017 Adopted Capital Improvement Program**



# Seattle City Light

## North Downtown 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>	Q4/2012
<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 designs and builds a 200 MVA substation in the North Downtown. The project funds site acquisition, and environmental management and remediation of one of the parcels acquired. 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. Project funding shown supports site acquisition, environmental remediation, and design work only.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	39,271	17,847	181	0	0	0	0	0	57,299
<b>Total:</b>	39,271	17,847	181	0	0	0	0	0	57,299
<b>Fund Appropriations/Allocations</b>									
City Light Fund	39,271	17,847	181	0	0	0	0	0	57,299
<b>Total*:</b>	39,271	17,847	181	0	0	0	0	0	57,299
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		357	8,274	0	0	0	0	0	8,631
<b>Total:</b>		357	8,274	0	0	0	0	0	8,631

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## North Service Center Expansion

<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>	Q4/2012
<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 acquired property abutting City Light's North Service Center from the University of Washington and will provide improvements to make this property usable for City Light operations. The North Service Center is badly overcrowded.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,909	550	1,102	0	0	0	0	0	4,561
<b>Total:</b>	2,909	550	1,102	0	0	0	0	0	4,561
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,909	550	1,102	0	0	0	0	0	4,561
<b>Total*:</b>	2,909	550	1,102	0	0	0	0	0	4,561
<b>O &amp; M Costs (Savings)</b>			0	49	50	51	837	54	1,041
<b>Spending Plan by Fund</b>									
City Light Fund		540	1,102	0	0	0	0	0	1,642
<b>Total:</b>		540	1,102	0	0	0	0	0	1,642

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	82	2,823	3,514	842	49	0	0	0	7,310
<b>Total:</b>	82	2,823	3,514	842	49	0	0	0	7,310
<b>Fund Appropriations/Allocations</b>									
City Light Fund	82	2,823	3,514	842	49	0	0	0	7,310
<b>Total*:</b>	82	2,823	3,514	842	49	0	0	0	7,310
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		487	1,314	3,092	2,338	0	0	0	7,231
<b>Total:</b>		487	1,314	3,092	2,338	0	0	0	7,231

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	25,652	0	0	11	11	12	12	12	25,710
<b>Total:</b>	25,652	0	0	11	11	12	12	12	25,710
<b>Fund Appropriations/Allocations</b>									
City Light Fund	25,652	0	0	11	11	12	12	12	25,710
<b>Total*:</b>	25,652	0	0	11	11	12	12	12	25,710
<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.*

**2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Outage Management System Configuration and Implementation

<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>	Q1/2008
<b>Project ID:</b>	9942	<b>End Date:</b>	Q4/2011
<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 software and implementation of an Outage Management System (OMS). This project improves the Utility's outage response and restoration procedures as recommended in the "After Action Report" prepared by CH2M Hill and "Peer Review Report" by Davies Consulting, Inc.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,736	1,382	0	0	0	0	0	0	11,118
<b>Total:</b>	9,736	1,382	0	0	0	0	0	0	11,118
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,736	1,382	0	0	0	0	0	0	11,118
<b>Total*:</b>	9,736	1,382	0	0	0	0	0	0	11,118
<b>O &amp; M Costs (Savings)</b>			278	102	0	0	0	0	380
<b>Spending Plan by Fund</b>									
City Light Fund		1,032	0	0	0	0	0	0	1,032
<b>Total:</b>		1,032	0	0	0	0	0	0	1,032

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## 2012 - 2017 Adopted 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 4 kV electrical equipment remaining in the electrical distribution system with new, efficient and reliable 26 kV distribution equipment. This project increases capacity to deliver power to City Light customers, rebuilds and maintains the backbone of City Light's system, saves energy by reducing transformer and line losses, improves quality and reliability of service to customers, and releases unit substation properties for better neighborhood uses.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	5,171	2,230	1,887	967	959	657	671	687	13,229
<b>Total:</b>	5,171	2,230	1,887	967	959	657	671	687	13,229
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,171	2,230	1,887	967	959	657	671	687	13,229
<b>Total*:</b>	5,171	2,230	1,887	967	959	657	671	687	13,229
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,466	1,887	967	959	657	671	687	8,294
<b>Total:</b>		2,466	1,887	967	959	657	671	687	8,294

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	17,770	3,505	3,557	3,078	3,491	3,565	3,641	3,730	42,337
<b>Total:</b>	17,770	3,505	3,557	3,078	3,491	3,565	3,641	3,730	42,337
<b>Fund Appropriations/Allocations</b>									
City Light Fund	17,770	3,505	3,557	3,078	3,491	3,565	3,641	3,730	42,337
<b>Total*:</b>	17,770	3,505	3,557	3,078	3,491	3,565	3,641	3,730	42,337
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,244	3,557	3,078	3,491	3,565	3,641	3,730	24,306
<b>Total:</b>		3,244	3,557	3,078	3,491	3,565	3,641	3,730	24,306

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## **2012 - 2017 Adopted 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>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	19,928	5,202	6,741	7,428	7,597	7,801	7,955	8,030	70,682
<b>Total:</b>	19,928	5,202	6,741	7,428	7,597	7,801	7,955	8,030	70,682
<b>Fund Appropriations/Allocations</b>									
City Light Fund	19,928	5,202	6,741	7,428	7,597	7,801	7,955	8,030	70,682
<b>Total*:</b>	19,928	5,202	6,741	7,428	7,597	7,801	7,955	8,030	70,682
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		7,084	6,741	7,428	7,597	7,801	7,955	8,030	52,636
<b>Total:</b>		7,084	6,741	7,428	7,597	7,801	7,955	8,030	52,636

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,885	372	226	200	196	200	170	88	4,337
<b>Total:</b>	2,885	372	226	200	196	200	170	88	4,337
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,885	372	226	200	196	200	170	88	4,337
<b>Total*:</b>	2,885	372	226	200	196	200	170	88	4,337
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		390	226	200	196	200	170	88	1,470
<b>Total:</b>		390	226	200	196	200	170	88	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.*

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	16,273	2,241	2,761	2,736	2,473	2,526	2,582	2,643	34,235
<b>Total:</b>	16,273	2,241	2,761	2,736	2,473	2,526	2,582	2,643	34,235
<b>Fund Appropriations/Allocations</b>									
City Light Fund	16,273	2,241	2,761	2,736	2,473	2,526	2,582	2,643	34,235
<b>Total*:</b>	16,273	2,241	2,761	2,736	2,473	2,526	2,582	2,643	34,235
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,262	2,761	2,736	2,473	2,526	2,582	2,643	18,983
<b>Total:</b>		3,262	2,761	2,736	2,473	2,526	2,582	2,643	18,983

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

## 2012 - 2017 Adopted 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>	Q4/2012
<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 upgrades computers and core software applications that are now beyond or approaching end-of-life support from manufacturers. Upgrades may include: replace all Gateway PCs and laptops (quantity 1800); replace the Windows XP operating system with Windows 7; replace Office 2003 with Office 2010; replace Project 2003 and Visio 2003 with current versions; 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. These remedies are temporary and problems will become more pervasive the longer upgrades are deferred.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	2,073	4,696	0	0	0	0	0	6,769
<b>Total:</b>	0	2,073	4,696	0	0	0	0	0	6,769
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	2,073	4,696	0	0	0	0	0	6,769
<b>Total*:</b>	0	2,073	4,696	0	0	0	0	0	6,769
<b>O &amp; M Costs (Savings)</b>			35	136	138	141	276	148	874
<b>Spending Plan by Fund</b>									
City Light Fund		1,857	4,696	0	0	0	0	0	6,553
<b>Total:</b>		1,857	4,696	0	0	0	0	0	6,553

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,357	1,498	1,764	2,098	2,550	3,124	3,199	15,590
<b>Total:</b>	0	1,357	1,498	1,764	2,098	2,550	3,124	3,199	15,590
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,357	1,498	1,764	2,098	2,550	3,124	3,199	15,590
<b>Total*:</b>	0	1,357	1,498	1,764	2,098	2,550	3,124	3,199	15,590
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,368	1,498	1,764	2,098	2,550	3,124	3,199	15,601
<b>Total:</b>		1,368	1,498	1,764	2,098	2,550	3,124	3,199	15,601

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

## **2012 - 2017 Adopted Capital Improvement Program**

**Pole Yard Relocation**

<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>	Q1/2011
<b>Project ID:</b>	9226	<b>End Date:</b>	Q4/2012
<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 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 City Light 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	263	0	0	0	0	0	263
<b>Total:</b>	0	0	263	0	0	0	0	0	263
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	263	0	0	0	0	0	263
<b>Total*:</b>	0	0	263	0	0	0	0	0	263
<b>O &amp; M Costs (Savings)</b>			33	18	18	19	19	19	126
<b>Spending Plan by Fund</b>									
City Light Fund		1,396	263	0	0	0	0	0	1,659
<b>Total:</b>		1,396	263	0	0	0	0	0	1,659

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	705	1,000	2,287	3,238	3,203	2,180	1,060	0	13,673
<b>Total:</b>	705	1,000	2,287	3,238	3,203	2,180	1,060	0	13,673
<b>Fund Appropriations/Allocations</b>									
City Light Fund	705	1,000	2,287	3,238	3,203	2,180	1,060	0	13,673
<b>Total*:</b>	705	1,000	2,287	3,238	3,203	2,180	1,060	0	13,673
<b>O &amp; M Costs (Savings)</b>			31	31	0	0	0	0	62
<b>Spending Plan by Fund</b>									
City Light Fund		563	2,287	3,238	3,203	2,180	1,060	0	12,531
<b>Total:</b>		563	2,287	3,238	3,203	2,180	1,060	0	12,531

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	5,540	6	6	6	6	6	6	7	5,583
<b>Total:</b>	5,540	6	6	6	6	6	6	7	5,583
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,540	6	6	6	6	6	6	7	5,583
<b>Total*:</b>	5,540	6	6	6	6	6	6	7	5,583
<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.*

## **2012 - 2017 Adopted 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>	Q4/2016
<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 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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	136	262	1,302	997	976	475	0	4,148
<b>Total:</b>	0	136	262	1,302	997	976	475	0	4,148
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	136	262	1,302	997	976	475	0	4,148
<b>Total*:</b>	0	136	262	1,302	997	976	475	0	4,148
<b>O &amp; M Costs (Savings)</b>			20	20	0	0	0	0	40
<b>Spending Plan by Fund</b>									
City Light Fund		135	262	1,302	997	976	475	0	4,147
<b>Total:</b>		135	262	1,302	997	976	475	0	4,147

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## **2012 - 2017 Adopted Capital Improvement Program**



# Seattle City Light

## 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>	Q1/2011
<b>Project ID:</b>	9958	<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 the obsolete Distribution Automated Mapping System hardware and software with modern, configurable, vendor-supported Consumer Off The Shelf (COTS) software and a server to host the software. The replacement is needed to assure ongoing day to day operation of the radial distribution mapping system at City Light. The project provides stability, availability, and reliability lacking in the current software and hardware. The new system takes advantage of metadata driven configurability to meet changing business needs and streamlines the maintenance of enterprise level GIS data that supports engineering, operations, system control, system planning, outage management, and asset management.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	623	395	0	0	0	0	1,018
<b>Total:</b>	0	0	623	395	0	0	0	0	1,018
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	623	395	0	0	0	0	1,018
<b>Total*:</b>	0	0	623	395	0	0	0	0	1,018
<b>O &amp; M Costs (Savings)</b>			76	78	79	81	83	85	482
<b>Spending Plan by Fund</b>									
City Light Fund		373	623	395	0	0	0	0	1,391
<b>Total:</b>		373	623	395	0	0	0	0	1,391

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## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	10,085	3,272	2,717	5,448	3,840	4,254	3,778	3,867	37,261
<b>Total:</b>	10,085	3,272	2,717	5,448	3,840	4,254	3,778	3,867	37,261
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,085	3,272	2,717	5,448	3,840	4,254	3,778	3,867	37,261
<b>Total*:</b>	10,085	3,272	2,717	5,448	3,840	4,254	3,778	3,867	37,261
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,436	2,717	5,448	3,840	4,254	3,778	3,867	26,340
<b>Total:</b>		2,436	2,717	5,448	3,840	4,254	3,778	3,867	26,340

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## 2012 - 2017 Adopted 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>	Q4/2016
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	546	324	13	556	50	604	78	0	2,171
<b>Total:</b>	546	324	13	556	50	604	78	0	2,171
<b>Fund Appropriations/Allocations</b>									
City Light Fund	546	324	13	556	50	604	78	0	2,171
<b>Total*:</b>	546	324	13	556	50	604	78	0	2,171
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		318	13	556	50	604	78	0	1,619
<b>Total:</b>		318	13	556	50	604	78	0	1,619

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

## **2012 - 2017 Adopted 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>	Q4/2013
<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,124	650	527	1,393	0	0	0	0	3,694
<b>Total:</b>	1,124	650	527	1,393	0	0	0	0	3,694
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,124	650	527	1,393	0	0	0	0	3,694
<b>Total*:</b>	1,124	650	527	1,393	0	0	0	0	3,694
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		276	527	1,393	0	0	0	0	2,196
<b>Total:</b>		276	527	1,393	0	0	0	0	2,196

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

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Ross 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>	Q1/2006
<b>Project ID:</b>	6402	<b>End Date:</b>	Q4/2012
<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 funds unforeseeable, unscheduled capital work related to Ross 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 is being merged into project 6405, Skagit Facility - Minor Improvements Program, in support of the consolidation of Skagit organizational units. The budget requested allows work already started under this project to be completed.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	6,478	627	1,462	0	0	0	0	0	8,567
<b>Total:</b>	6,478	627	1,462	0	0	0	0	0	8,567
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,478	627	1,462	0	0	0	0	0	8,567
<b>Total*:</b>	6,478	627	1,462	0	0	0	0	0	8,567
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,823	1,462	0	0	0	0	0	4,285
<b>Total:</b>		2,823	1,462	0	0	0	0	0	4,285

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	185	341	290	0	0	816
<b>Total:</b>	0	0	0	185	341	290	0	0	816
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	185	341	290	0	0	816
<b>Total*:</b>	0	0	0	185	341	290	0	0	816
<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.*

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	109	672	41	0	0	822
<b>Total:</b>	0	0	0	109	672	41	0	0	822
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	109	672	41	0	0	822
<b>Total*:</b>	0	0	0	109	672	41	0	0	822
<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.*

## **2012 - 2017 Adopted 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>	Q1/2012
<b>Project ID:</b>	6516	<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	2,656	1,898	211	0	0	0	0	4,765
<b>Total:</b>	0	2,656	1,898	211	0	0	0	0	4,765
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	2,656	1,898	211	0	0	0	0	4,765
<b>Total*:</b>	0	2,656	1,898	211	0	0	0	0	4,765
<b>O &amp; M Costs (Savings)</b>			0	26	26	27	0	0	79
<b>Spending Plan by Fund</b>									
City Light Fund		0	826	1,283	0	0	0	0	2,109
<b>Total:</b>		0	826	1,283	0	0	0	0	2,109

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

## 2012 - 2017 Adopted 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>	New Facility	<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	3,388	229	229	234	239	244	249	255	5,067
<b>Total:</b>	3,388	229	229	234	239	244	249	255	5,067
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,388	229	229	234	239	244	249	255	5,067
<b>Total*:</b>	3,388	229	229	234	239	244	249	255	5,067
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		226	229	234	239	244	249	255	1,676
<b>Total:</b>		226	229	234	239	244	249	255	1,676

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

**2012 - 2017 Adopted 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>	Q4/2012
<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 overhead to underground conversion.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	64	1,983	715	0	0	0	0	0	2,762
<b>Total:</b>	64	1,983	715	0	0	0	0	0	2,762
<b>Fund Appropriations/Allocations</b>									
City Light Fund	64	1,983	715	0	0	0	0	0	2,762
<b>Total*:</b>	64	1,983	715	0	0	0	0	0	2,762
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		98	1,102	0	0	0	0	0	1,200
<b>Total:</b>		98	1,102	0	0	0	0	0	1,200

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

## 2012 - 2017 Adopted Capital Improvement Program

## 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>	Q4/2017
<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	13,577	1,041	775	2,032	2,009	2,052	1,113	1,139	23,738
<b>Total:</b>	13,577	1,041	775	2,032	2,009	2,052	1,113	1,139	23,738
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,577	1,041	775	2,032	2,009	2,052	1,113	1,139	23,738
<b>Total*:</b>	13,577	1,041	775	2,032	2,009	2,052	1,113	1,139	23,738
<b>O &amp; M Costs (Savings)</b>			4,789	4,909	0	0	0	0	9,698
<b>Spending Plan by Fund</b>									
City Light Fund		768	775	2,032	2,009	2,052	1,113	1,139	9,888
<b>Total:</b>		768	775	2,032	2,009	2,052	1,113	1,139	9,888

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	4,567	0	0	57	58	32	32	33	4,779
<b>Total:</b>	4,567	0	0	57	58	32	32	33	4,779
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,567	0	0	57	58	32	32	33	4,779
<b>Total*:</b>	4,567	0	0	57	58	32	32	33	4,779
<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.*

## 2012 - 2017 Adopted 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>	Q4/2016
<b>Location:</b>	2136 N 163rd St, Shoreline		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project funds the 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	34	0	0	2,850	3,735	3,866	917	51	11,453
<b>Total:</b>	34	0	0	2,850	3,735	3,866	917	51	11,453
<b>Fund Appropriations/Allocations</b>									
City Light Fund	34	0	0	2,850	3,735	3,866	917	51	11,453
<b>Total*:</b>	34	0	0	2,850	3,735	3,866	917	51	11,453
<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	515	1,352	3,767	3,301	2,485	11,420
<b>Total:</b>		0	0	515	1,352	3,767	3,301	2,485	11,420

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

## **2012 - 2017 Adopted 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>	Q4/2013
<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). This project allows the City to comply with the franchise agreement between Shoreline and City Light. 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. It permits SCL to be in compliance with the new commercial area zoning for the project area as outlined in the Shoreline Municipal Code 13.20.050 (A) (1), requiring that overhead utilities in the project area be converted to underground systems.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	16,309	9,733	2,028	3,043	25	0	0	0	31,138
<b>Total:</b>	16,309	9,733	2,028	3,043	25	0	0	0	31,138
<b>Fund Appropriations/Allocations</b>									
City Light Fund	16,309	9,733	2,028	3,043	25	0	0	0	31,138
<b>Total*:</b>	16,309	9,733	2,028	3,043	25	0	0	0	31,138
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,797	3,744	2,320	1,257	0	0	0	12,118
<b>Total:</b>		4,797	3,744	2,320	1,257	0	0	0	12,118

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## **2012 - 2017 Adopted 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>	Q1/2011
<b>Project ID:</b>	6515	<b>End Date:</b>	Q4/2012
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project makes structural improvement 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	2,719	0	0	0	0	0	2,719
<b>Total:</b>	0	0	2,719	0	0	0	0	0	2,719
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	2,719	0	0	0	0	0	2,719
<b>Total*:</b>	0	0	2,719	0	0	0	0	0	2,719
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,268	2,719	0	0	0	0	0	3,987
<b>Total:</b>		1,268	2,719	0	0	0	0	0	3,987

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## **2012 - 2017 Adopted 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>	Q1/2012
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1,225	735	540	1,518	2,501	0	6,519
<b>Total:</b>	0	0	1,225	735	540	1,518	2,501	0	6,519
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	1,225	735	540	1,518	2,501	0	6,519
<b>Total*:</b>	0	0	1,225	735	540	1,518	2,501	0	6,519
<b>O &amp; M Costs (Savings)</b>			0	7	7	7	8	8	37

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

**2012 - 2017 Adopted 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>	Q4/2018
<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 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 2014 to 2017. 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 2013-2018 CIP.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	5,130	6,176	3,019	933	2,535	13,618	19,629	23,962	75,002
<b>Total:</b>	5,130	6,176	3,019	933	2,535	13,618	19,629	23,962	75,002
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,130	6,176	3,019	933	2,535	13,618	19,629	23,962	75,002
<b>Total*:</b>	5,130	6,176	3,019	933	2,535	13,618	19,629	23,962	75,002
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		7,647	3,019	933	2,535	13,618	19,629	23,962	71,343
<b>Total:</b>		7,647	3,019	933	2,535	13,618	19,629	23,962	71,343

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

## **2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,029	625	297	0	0	0	0	0	1,951
<b>Total:</b>	1,029	625	297	0	0	0	0	0	1,951
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,029	625	297	0	0	0	0	0	1,951
<b>Total*:</b>	1,029	625	297	0	0	0	0	0	1,951
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		619	297	0	0	0	0	0	916
<b>Total:</b>		619	297	0	0	0	0	0	916

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9	0	0	88	140	788	54	0	1,079
<b>Total:</b>	9	0	0	88	140	788	54	0	1,079
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9	0	0	88	140	788	54	0	1,079
<b>Total*:</b>	9	0	0	88	140	788	54	0	1,079
<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.*

## **2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,188	198	80	0	0	0	0	0	1,466
<b>Total:</b>	1,188	198	80	0	0	0	0	0	1,466
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,188	198	80	0	0	0	0	0	1,466
<b>Total*:</b>	1,188	198	80	0	0	0	0	0	1,466
<b>O &amp; M Costs (Savings)</b>			34	11	0	0	0	0	45
<b>Spending Plan by Fund</b>									
City Light Fund		175	80	0	0	0	0	0	255
<b>Total:</b>		175	80	0	0	0	0	0	255

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	35,061	1,125	256	139	126	133	335	155	37,330
<b>Total:</b>	35,061	1,125	256	139	126	133	335	155	37,330
<b>Fund Appropriations/Allocations</b>									
City Light Fund	35,061	1,125	256	139	126	133	335	155	37,330
<b>Total*:</b>	35,061	1,125	256	139	126	133	335	155	37,330
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,028	256	139	126	133	335	155	2,172
<b>Total:</b>		1,028	256	139	126	133	335	155	2,172

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,911	311	343	153	0	0	0	0	2,718
<b>Total:</b>	1,911	311	343	153	0	0	0	0	2,718
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,911	311	343	153	0	0	0	0	2,718
<b>Total*:</b>	1,911	311	343	153	0	0	0	0	2,718
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		49	343	153	0	0	0	0	545
<b>Total:</b>		49	343	153	0	0	0	0	545

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	27,608	6,715	6,095	6,106	6,232	6,365	6,506	6,660	72,287
<b>Total:</b>	27,608	6,715	6,095	6,106	6,232	6,365	6,506	6,660	72,287
<b>Fund Appropriations/Allocations</b>									
City Light Fund	27,608	6,715	6,095	6,106	6,232	6,365	6,506	6,660	72,287
<b>Total*:</b>	27,608	6,715	6,095	6,106	6,232	6,365	6,506	6,660	72,287
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,184	6,095	6,106	6,232	6,365	6,506	6,660	43,148
<b>Total:</b>		5,184	6,095	6,106	6,232	6,365	6,506	6,660	43,148

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## **2012 - 2017 Adopted 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. The project also facilitates the region's switch to electric powered transportation systems as part of the region's clean energy future.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	47,376	1,800	29	3	226	0	0	0	49,434
<b>Total:</b>	47,376	1,800	29	3	226	0	0	0	49,434
<b>Fund Appropriations/Allocations</b>									
City Light Fund	47,376	1,800	29	3	226	0	0	0	49,434
<b>Total*:</b>	47,376	1,800	29	3	226	0	0	0	49,434
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		70	29	3	226	0	0	0	328
<b>Total:</b>		70	29	3	226	0	0	0	328

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

## 2012 - 2017 Adopted 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>	Q4/2014
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	96	65	259	265	0	0	0	685
<b>Total:</b>	0	96	65	259	265	0	0	0	685
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	96	65	259	265	0	0	0	685
<b>Total*:</b>	0	96	65	259	265	0	0	0	685
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		95	65	259	265	0	0	0	684
<b>Total:</b>		95	65	259	265	0	0	0	684

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

## 2012 - 2017 Adopted 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>	Q4/2018
<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

This project relocates electrical infrastructure and provides electrical service to traction power substations and passenger service stations. This project supports construction of the Sound Transit Northlink running north of the University of Washington station. The project allows the City of Seattle to be in compliance with several design and construction agreements between City of Seattle and Sound Transit. The project also facilitates the region's switch to electric powered transportation systems as part of the region's clean energy future.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	224	263	450	436	3,122	2,735	2,800	10,030
<b>Total:</b>	0	224	263	450	436	3,122	2,735	2,800	10,030
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	224	263	450	436	3,122	2,735	2,800	10,030
<b>Total*:</b>	0	224	263	450	436	3,122	2,735	2,800	10,030
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		224	263	450	436	1,784	2,706	2,768	8,631
<b>Total:</b>		224	263	450	436	1,784	2,706	2,768	8,631

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## 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,617	11,400	285	0	0	0	0	0	14,302
<b>Total:</b>	2,617	11,400	285	0	0	0	0	0	14,302
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,617	11,400	285	0	0	0	0	0	14,302
<b>Total*:</b>	2,617	11,400	285	0	0	0	0	0	14,302
<b>O &amp; M Costs (Savings)</b>			8	8	0	0	0	0	16
<b>Spending Plan by Fund</b>									
City Light Fund		2,301	5,274	0	0	0	0	0	7,575
<b>Total:</b>		2,301	5,274	0	0	0	0	0	7,575

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	10,978	1,226	1,038	923	944	965	990	1,013	18,077
<b>Total:</b>	10,978	1,226	1,038	923	944	965	990	1,013	18,077
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,978	1,226	1,038	923	944	965	990	1,013	18,077
<b>Total*:</b>	10,978	1,226	1,038	923	944	965	990	1,013	18,077
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,125	1,038	923	944	965	990	1,013	6,998
<b>Total:</b>		1,125	1,038	923	944	965	990	1,013	6,998

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## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	21,413	1,377	1,206	926	856	874	894	915	28,461
<b>Total:</b>	21,413	1,377	1,206	926	856	874	894	915	28,461
<b>Fund Appropriations/Allocations</b>									
City Light Fund	21,413	1,377	1,206	926	856	874	894	915	28,461
<b>Total*:</b>	21,413	1,377	1,206	926	856	874	894	915	28,461
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		871	1,206	926	856	874	894	915	6,542
<b>Total:</b>		871	1,206	926	856	874	894	915	6,542

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

## 2012 - 2017 Adopted 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>	New Facility	<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	766	206	0	599	611	312	319	327	3,140
<b>Total:</b>	766	206	0	599	611	312	319	327	3,140
<b>Fund Appropriations/Allocations</b>									
City Light Fund	766	206	0	599	611	312	319	327	3,140
<b>Total*:</b>	766	206	0	599	611	312	319	327	3,140
<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	599	611	312	319	327	2,168
<b>Total:</b>		0	0	599	611	312	319	327	2,168

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

## 2012 - 2017 Adopted Capital Improvement Program

# Seattle City Light

## State Route 99 Capacity Additions and 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>	Q1/2017
<b>Project ID:</b>	8434	<b>End Date:</b>	Q4/2024
<b>Location:</b>	SR99/Mercer		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	In more than one Urban Village

This project relocates electrical infrastructure to assist in lowering the street level of State Route 99. The project provides major capacity enhancements by increasing feeder and transmission capacity.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	12,250	12,250
<b>Total:</b>	0	0	0	0	0	0	0	12,250	12,250
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	12,250	12,250
<b>Total*:</b>	0	0	0	0	0	0	0	12,250	12,250
<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.*

## 2012 - 2017 Adopted 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>	Q4/2015
<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 all the residential streetlights with LED fixtures. Through 2011, 17,000 fixtures have been installed. In 2012 conversion will take place from the southern border of SCL service area to Brandon St and the 2013 conversion will be from Brandon St to Denny Way or to the Ship Canal. Full conversion of the residential streetlight system is scheduled to be completed by the end of 2014.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,465	6,001	5,628	5,765	5,875	6,000	7	0	30,741
<b>Total:</b>	1,465	6,001	5,628	5,765	5,875	6,000	7	0	30,741
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,465	6,001	5,628	5,765	5,875	6,000	7	0	30,741
<b>Total*:</b>	1,465	6,001	5,628	5,765	5,875	6,000	7	0	30,741
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,180	5,464	6,247	5,868	5,993	353	0	29,105
<b>Total:</b>		5,180	5,464	6,247	5,868	5,993	353	0	29,105

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	10,525	3,516	3,077	3,237	3,304	3,374	3,449	3,531	34,013
<b>Total:</b>	10,525	3,516	3,077	3,237	3,304	3,374	3,449	3,531	34,013
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,525	3,516	3,077	3,237	3,304	3,374	3,449	3,531	34,013
<b>Total*:</b>	10,525	3,516	3,077	3,237	3,304	3,374	3,449	3,531	34,013
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,144	3,077	3,237	3,304	3,374	3,449	3,531	23,116
<b>Total:</b>		3,144	3,077	3,237	3,304	3,374	3,449	3,531	23,116

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	577	1,726	4,238	4,282	4,417	4,561	4,623	24,424
<b>Total:</b>	0	577	1,726	4,238	4,282	4,417	4,561	4,623	24,424
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	577	1,726	4,238	4,282	4,417	4,561	4,623	24,424
<b>Total*:</b>	0	577	1,726	4,238	4,282	4,417	4,561	4,623	24,424
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		569	1,726	4,238	2,163	4,372	6,724	4,623	24,415
<b>Total:</b>		569	1,726	4,238	2,163	4,372	6,724	4,623	24,415

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,973	5,549	4,661	3,374	3,690	5,976	3,815	3,891	40,929
<b>Total:</b>	9,973	5,549	4,661	3,374	3,690	5,976	3,815	3,891	40,929
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,973	5,549	4,661	3,374	3,690	5,976	3,815	3,891	40,929
<b>Total*:</b>	9,973	5,549	4,661	3,374	3,690	5,976	3,815	3,891	40,929
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,873	4,661	3,374	3,690	5,976	3,815	3,891	29,280
<b>Total:</b>		3,873	4,661	3,374	3,690	5,976	3,815	3,891	29,280

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	5,425	1,205	1,531	1,828	1,804	1,595	1,583	1,323	16,294
<b>Total:</b>	5,425	1,205	1,531	1,828	1,804	1,595	1,583	1,323	16,294
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,425	1,205	1,531	1,828	1,804	1,595	1,583	1,323	16,294
<b>Total*:</b>	5,425	1,205	1,531	1,828	1,804	1,595	1,583	1,323	16,294
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,344	1,531	1,828	1,804	1,595	1,583	1,323	11,008
<b>Total:</b>		1,344	1,531	1,828	1,804	1,595	1,583	1,323	11,008

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,442	0	0	539	309	189	193	198	3,870
<b>Total:</b>	2,442	0	0	539	309	189	193	198	3,870
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,442	0	0	539	309	189	193	198	3,870
<b>Total*:</b>	2,442	0	0	539	309	189	193	198	3,870
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	36,359	4,648	3,825	6,743	4,566	4,648	4,756	4,869	70,414
<b>Total:</b>	36,359	4,648	3,825	6,743	4,566	4,648	4,756	4,869	70,414
<b>Fund Appropriations/Allocations</b>									
City Light Fund	36,359	4,648	3,825	6,743	4,566	4,648	4,756	4,869	70,414
<b>Total*:</b>	36,359	4,648	3,825	6,743	4,566	4,648	4,756	4,869	70,414
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,394	3,825	6,743	4,566	4,648	4,756	4,869	32,801
<b>Total:</b>		3,394	3,825	6,743	4,566	4,648	4,756	4,869	32,801

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	6,436	1,279	1,084	1,100	716	732	734	752	12,833
<b>Total:</b>	6,436	1,279	1,084	1,100	716	732	734	752	12,833
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,436	1,279	1,084	1,100	716	732	734	752	12,833
<b>Total*:</b>	6,436	1,279	1,084	1,100	716	732	734	752	12,833
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,046	1,084	1,100	716	732	734	752	6,164
<b>Total:</b>		1,046	1,084	1,100	716	732	734	752	6,164

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## 2012 - 2017 Adopted Capital Improvement Program

# Seattle City Light

## 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	250	0	0	0	0	250
<b>Total:</b>	0	0	0	250	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	250	0	0	0	0	250
<b>Total*:</b>	0	0	0	250	0	0	0	0	250
<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.*

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	42	0	0	0	0	42
<b>Total:</b>	0	0	0	42	0	0	0	0	42
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	42	0	0	0	0	42
<b>Total*:</b>	0	0	0	42	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.*

## 2012 - 2017 Adopted 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>	Q4/2013
<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 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, as pointed out in the State Auditor's findings in 2009.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,020	616	337	0	0	0	0	1,973
<b>Total:</b>	0	1,020	616	337	0	0	0	0	1,973
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,020	616	337	0	0	0	0	1,973
<b>Total*:</b>	0	1,020	616	337	0	0	0	0	1,973
<b>O &amp; M Costs (Savings)</b>			25	26	26	27	28	0	132
<b>Spending Plan by Fund</b>									
City Light Fund		452	616	337	0	0	0	0	1,405
<b>Total:</b>		452	616	337	0	0	0	0	1,405

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

## **2012 - 2017 Adopted 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>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,955	886	853	1,451	428	437	447	457	14,914
<b>Total:</b>	9,955	886	853	1,451	428	437	447	457	14,914
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,955	886	853	1,451	428	437	447	457	14,914
<b>Total*:</b>	9,955	886	853	1,451	428	437	447	457	14,914
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		668	853	1,451	428	437	447	457	4,741
<b>Total:</b>		668	853	1,451	428	437	447	457	4,741

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

## **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	11,547	28	22	22	23	23	24	24	11,713
<b>Total:</b>	11,547	28	22	22	23	23	24	24	11,713
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,547	28	22	22	23	23	24	24	11,713
<b>Total*:</b>	11,547	28	22	22	23	23	24	24	11,713
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		22	22	22	23	23	24	24	160
<b>Total:</b>		22	22	22	23	23	24	24	160

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,070	555	558	571	583	596	609	623	5,165
<b>Total:</b>	1,070	555	558	571	583	596	609	623	5,165
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,070	555	558	571	583	596	609	623	5,165
<b>Total*:</b>	1,070	555	558	571	583	596	609	623	5,165
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		575	558	571	583	596	609	623	4,115
<b>Total:</b>		575	558	571	583	596	609	623	4,115

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,931	2,418	2,199	2,319	2,367	2,418	2,471	2,530	26,653
<b>Total:</b>	9,931	2,418	2,199	2,319	2,367	2,418	2,471	2,530	26,653
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,931	2,418	2,199	2,319	2,367	2,418	2,471	2,530	26,653
<b>Total*:</b>	9,931	2,418	2,199	2,319	2,367	2,418	2,471	2,530	26,653
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,359	2,199	2,319	2,367	2,418	2,471	2,530	18,663
<b>Total:</b>		4,359	2,199	2,319	2,367	2,418	2,471	2,530	18,663

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

## 2012 - 2017 Adopted 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 being constructed by other agencies. The project builds new and replaces old line segments, installs and replaces poles, and adds or renovates underground facilities to the distribution system, as necessary, to relocate distribution systems for transportation projects, street vacations, or other projects proposed by outside (non-City Light) agencies. Some projects are paid for by City Light and some are paid for by the requesting agencies. This project provides the means to move the system for transportation projects in the public right of way, including street widening and street vacation projects.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,340	2,227	2,569	2,699	2,779	2,779	2,600	4,873	29,866
<b>Total:</b>	9,340	2,227	2,569	2,699	2,779	2,779	2,600	4,873	29,866
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,340	2,227	2,569	2,699	2,779	2,779	2,600	4,873	29,866
<b>Total*:</b>	9,340	2,227	2,569	2,699	2,779	2,779	2,600	4,873	29,866
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,952	2,569	2,699	2,779	2,779	2,600	4,873	20,251
<b>Total:</b>		1,952	2,569	2,699	2,779	2,779	2,600	4,873	20,251

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	3,490	1,407	1,445	1,465	1,495	1,527	1,561	1,598	13,988
<b>Total:</b>	3,490	1,407	1,445	1,465	1,495	1,527	1,561	1,598	13,988
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,490	1,407	1,445	1,465	1,495	1,527	1,561	1,598	13,988
<b>Total*:</b>	3,490	1,407	1,445	1,465	1,495	1,527	1,561	1,598	13,988
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,537	1,445	1,465	1,495	1,527	1,561	1,598	10,628
<b>Total:</b>		1,537	1,445	1,465	1,495	1,527	1,561	1,598	10,628

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## 2012 - 2017 Adopted 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 4 kV electrical equipment remaining in the electrical distribution system with new, efficient and reliable 26 kV distribution equipment. This project increases capacity to deliver power to City Light customers, rebuilds and maintains the backbone of the system, saves energy by reducing transformer and line losses, improves quality and reliability of service to customers, and releases unit substation properties for better neighborhood uses.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	3,591	881	2,211	1,036	2,541	2,583	3,111	2,421	18,375
<b>Total:</b>	3,591	881	2,211	1,036	2,541	2,583	3,111	2,421	18,375
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,591	881	2,211	1,036	2,541	2,583	3,111	2,421	18,375
<b>Total*:</b>	3,591	881	2,211	1,036	2,541	2,583	3,111	2,421	18,375
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,514	2,211	1,036	2,541	2,583	2,721	2,811	15,417
<b>Total:</b>		1,514	2,211	1,036	2,541	2,583	2,721	2,811	15,417

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	11,597	2,705	3,150	1,952	1,993	2,035	2,080	2,130	27,642
<b>Total:</b>	11,597	2,705	3,150	1,952	1,993	2,035	2,080	2,130	27,642
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,597	2,705	3,150	1,952	1,993	2,035	2,080	2,130	27,642
<b>Total*:</b>	11,597	2,705	3,150	1,952	1,993	2,035	2,080	2,130	27,642
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,029	3,150	1,952	1,993	2,035	2,080	2,130	16,369
<b>Total:</b>		3,029	3,150	1,952	1,993	2,035	2,080	2,130	16,369

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## **2012 - 2017 Adopted 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>	Q4/2019
<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	3,773	5,129	3,547	3,311	4,215	3,574	3,433	1,781	28,763
<b>Total:</b>	3,773	5,129	3,547	3,311	4,215	3,574	3,433	1,781	28,763
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,773	5,129	3,547	3,311	4,215	3,574	3,433	1,781	28,763
<b>Total*:</b>	3,773	5,129	3,547	3,311	4,215	3,574	3,433	1,781	28,763
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,799	3,547	3,311	4,215	3,574	3,433	1,781	23,660
<b>Total:</b>		3,799	3,547	3,311	4,215	3,574	3,433	1,781	23,660

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	12,704	1,278	784	827	865	884	900	921	19,163
<b>Total:</b>	12,704	1,278	784	827	865	884	900	921	19,163
<b>Fund Appropriations/Allocations</b>									
City Light Fund	12,704	1,278	784	827	865	884	900	921	19,163
<b>Total*:</b>	12,704	1,278	784	827	865	884	900	921	19,163
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		964	784	827	865	884	900	921	6,145
<b>Total:</b>		964	784	827	865	884	900	921	6,145

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

## 2012 - 2017 Adopted Capital Improvement Program

# Seattle City Light

## Underground System Capacity Additions

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8361	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	11,541	3,471	2,107	2,108	1,568	1,602	1,637	1,676	25,710
<b>Total:</b>	11,541	3,471	2,107	2,108	1,568	1,602	1,637	1,676	25,710
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,541	3,471	2,107	2,108	1,568	1,602	1,637	1,676	25,710
<b>Total*:</b>	11,541	3,471	2,107	2,108	1,568	1,602	1,637	1,676	25,710
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,609	2,107	2,108	1,568	1,602	1,637	1,676	13,307
<b>Total:</b>		2,609	2,107	2,108	1,568	1,602	1,637	1,676	13,307

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## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Unified 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>	Q4/2016
<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 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. Consolidation simplifies integration between GIS and future software system implementation (such as Mobile Workforce); improves worker safety; provides better understanding and routing of underground systems; and provides complete "substation to meter" connectivity.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	106	113	120	127	0	466
<b>Total:</b>	0	0	0	106	113	120	127	0	466
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	106	113	120	127	0	466
<b>Total*:</b>	0	0	0	106	113	120	127	0	466
<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.*

## **2012 - 2017 Adopted Capital Improvement Program**

# Seattle City Light

## Union Street Substation Networks

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8201	<b>End Date:</b>	Q4/2019
<b>Location:</b>	1312 Western AV		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	19,164	1,683	1,487	2,679	2,093	2,137	2,185	2,236	33,664
<b>Total:</b>	19,164	1,683	1,487	2,679	2,093	2,137	2,185	2,236	33,664
<b>Fund Appropriations/Allocations</b>									
City Light Fund	19,164	1,683	1,487	2,679	2,093	2,137	2,185	2,236	33,664
<b>Total*:</b>	19,164	1,683	1,487	2,679	2,093	2,137	2,185	2,236	33,664
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,899	1,487	2,679	2,093	2,137	2,185	2,236	14,716
<b>Total:</b>		1,899	1,487	2,679	2,093	2,137	2,185	2,236	14,716

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	67,620	8,745	8,949	9,186	9,368	9,567	9,779	8,283	131,497
<b>Total:</b>	67,620	8,745	8,949	9,186	9,368	9,567	9,779	8,283	131,497
<b>Fund Appropriations/Allocations</b>									
City Light Fund	67,620	8,745	8,949	9,186	9,368	9,567	9,779	8,283	131,497
<b>Total*:</b>	67,620	8,745	8,949	9,186	9,368	9,567	9,779	8,283	131,497
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		6,171	9,626	9,186	9,368	9,567	9,779	8,283	61,980
<b>Total:</b>		6,171	9,626	9,186	9,368	9,567	9,779	8,283	61,980

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

## 2012 - 2017 Adopted 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 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. 2280 poles have been replaced through August 2011.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,068	10,930	7,196	7,021	6,871	6,545	6,629	9,944	64,204
<b>Total:</b>	9,068	10,930	7,196	7,021	6,871	6,545	6,629	9,944	64,204
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,068	10,930	7,196	7,021	6,871	6,545	6,629	9,944	64,204
<b>Total*:</b>	9,068	10,930	7,196	7,021	6,871	6,545	6,629	9,944	64,204
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		6,201	10,133	7,021	6,871	6,545	6,629	9,944	53,344
<b>Total:</b>		6,201	10,133	7,021	6,871	6,545	6,629	9,944	53,344

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	14,077	14,321	8,697	908	0	0	0	0	38,003
<b>Total:</b>	14,077	14,321	8,697	908	0	0	0	0	38,003
<b>Fund Appropriations/Allocations</b>									
City Light Fund	14,077	14,321	8,697	908	0	0	0	0	38,003
<b>Total*:</b>	14,077	14,321	8,697	908	0	0	0	0	38,003
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,056	9,942	1,914	0	0	0	0	16,912
<b>Total:</b>		5,056	9,942	1,914	0	0	0	0	16,912

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,812	80	0	2,763	3,217	100	102	105	8,179
<b>Total:</b>	1,812	80	0	2,763	3,217	100	102	105	8,179
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,812	80	0	2,763	3,217	100	102	105	8,179
<b>Total*:</b>	1,812	80	0	2,763	3,217	100	102	105	8,179
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1	0	2,763	3,217	100	102	105	6,288
<b>Total:</b>		1	0	2,763	3,217	100	102	105	6,288

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

## 2012 - 2017 Adopted 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. The system includes approximately:

- 448 miles of sanitary sewers
- 460 miles of storm drains
- 968 miles of combined sewers
- 68 pump stations
- 90 permitted combined sewer overflow outfalls
- 342 storm drain outfalls
- 130 stormwater quality treatment facilities
- 145 flow control facilities
- 38 combined sewer overflow control detention tanks/pipes

The Drainage and Wastewater CIP is the vehicle for maintaining, upgrading, and expanding this infrastructure, as well as constructing projects that protect, conserve, and enhance the city and region's environmental resources. Planned spending in the Drainage and Wastewater (DWF) CIP is approximately \$576 million over the next six years.

Historically, the Drainage and Wastewater CIP has been funded primarily by revenue bonds serviced by ratepayers. However, DWF financial policies adopted in 2003 gradually increased 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. In late 2010 DWF rates were passed by Council for the two-year period of 2011 and 2012. The next rate proposal will be presented in mid-2012 for 2013 and beyond.

### 2012-2017 CIP

The Drainage and Wastewater CIP addresses the challenge of managing large priority projects while still accomplishing Mayoral and Council priorities and complying with U.S. Environmental Protection Agency and Washington State Department of Ecology National Pollutant Discharge Elimination System (NPDES) permits - all within the financial limitations of the fund.

The City of Seattle's most recent NPDES permit for stormwater, granted by the State government in 2007, introduced more prescriptive requirements to help to protect local waterways and Puget Sound from damaging pollutants and excessive runoff. This increasing regulatory emphasis on protecting and improving water quality means the City of Seattle must make substantial investments in detention, treatment and green stormwater infrastructure over the next 15 years. Detention is the storage of stormwater during a rainfall event, and can be accomplished through detention ponds or underground tanks or through infiltration into the ground. Detention can be added to the drainage system to offset the impacts of larger storms that can overwhelm the conveyance capacity of the system and 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. Green stormwater infrastructure is the use of environmentally friendly and less capital intensive solutions to help reduce overflows by allowing stormwater to infiltrate slowly into the ground and cutting the volume of stormwater entering the system. Green stormwater infrastructure includes specific treatments that rely on specialized soils and plants that provide flow control and/or water quality benefits. The use of green stormwater infrastructure is required through Seattle's NPDES permit and Stormwater Code.

## SPU – Drainage and Wastewater

CIP funding is also needed to maintain and improve the existing drainage systems so that residents experience less flooding and fewer sewage backups. Sewer backups are prohibited and considered by regulators to be a violation of the City's 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 drainage system and overflow into local waterways, causing a combined sewer overflow. Annual overflows have been reduced from roughly 30 billion gallons per year in 1970 to less than 100 million gallons per year typically today. However SPU is still not meeting regulatory mandates limiting overflows to one overflow per outfall location per year. Implementation of the CSO Reduction Program is a state and federal regulatory requirement, and SPU expects to spend approximately \$160-\$170 million over the next five years (2011-2015) on CSO reduction projects. The projects will include a combination of underground storage tanks, green stormwater infrastructure, system retrofits, and the development of a long-range plan for CSO projects to be constructed from 2016-2025. One of the biggest challenges for 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.

CSOs spill a mixture of raw sewage and stormwater into local waterways at 92 outfalls throughout the City of Seattle. Although expensive, improving the system to prevent overflows is important. These spills violate water quality standards, raise public health concerns, and contaminate sediment and habitat for endangered species. State and federal law require SPU 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 Washington Department of Ecology issued a draft consent decree describing measures U.S. Justice will require of SPU to remedy violations of the Clean Water Act. The proposed consent decree includes, among other significant requirements, completion of a Long Term Control Plan by 2015 and control of all CSOs by 2025. Continued investments in CSO control will enable SPU to meet these permit requirements.

The Drainage and Wastewater CIP must also ensure that 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 range from very serious (basement sewer back-ups) to nuisance (limited street or yard flooding). 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 Madison Valley Long Term Solution, North 107<sup>th</sup> Street and Midvale Avenue North Drainage, South Park Stormwater Pump Station, and Broadview Sewer and Stormwater Improvements projects.

- Over the past several decades, there have been a number of instances of flooding and sewer back-ups in Madison Valley during times of heavy rainfall. Storm events that hit the city and the Madison Valley neighborhood in 2004 and 2006 were especially severe, causing some residents to have up to five feet of water in their basements and flooding in their backyards. The Madison Valley Long Term Solution project will provide stormwater flood control facilities to greatly reduce the potential for flooding in the Madison Valley area, especially in the vicinity of 30<sup>th</sup>

### 2012 - 2017 Adopted Capital Improvement Program



## SPU – Drainage and Wastewater

Avenue East and East John Street, and in the area of 29<sup>th</sup> Avenue East and East Madison Street. Work includes construction of a large stormwater pipe in the northwest section of the Madison Valley basin, a new stormwater storage facility in Washington Park, and an expanded stormwater retention area at 30<sup>th</sup> Avenue East and East John Street.

- The South Park Pump Station project will construct a pump station and water quality facility in South Park. The pump station will allow the existing storm drain trunk to meet the level of service adopted in the 2004 Comprehensive Drainage Plan. In turn, this allows for future projects to expand the collection system to address flooding complaints. The water quality facility will treat most stormwater flows from the basin, reducing pollutant loading to the Duwamish River. The project's engineering design is complicated by the tidal flows present in the Duwamish.
- The Broadview neighborhood has experienced 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.
- The North 107<sup>th</sup> Street and Midvale Avenue North Drainage project includes the design and construction of a three million gallon stormwater detention pond on a 1.8-acre commercial site near North 107<sup>th</sup> Street and Midvale Avenue North. Nearby businesses and homes have started to experience flooding at the five-year storm level. The stormwater facility will provide a 25-year 24-hour storm level of service for nearby businesses and residences.

### CIP Revenue Sources

SPU's Drainage and Wastewater CIP is funded largely by drainage and wastewater 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 three \$1 million grants from the Washington State Department of Ecology's 2011 Stormwater Retrofit Low Impact Development (SWRLID) Competitive Grants Program. These grants will help fund construction of the Venema Creek Natural Drainage System, Capitol Hill Water Quality, and South Park Pump Station projects.

In late 2010 DWF rates were passed by Council for the two-year period of 2011 and 2012. The next rate proposal will be presented in mid-2012 for 2013 and beyond.

### Thematic Priorities and Project Selection

Many Drainage and Wastewater CIP projects are outlined in the Wastewater System Plan, 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 Capitol 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

### 2012 - 2017 Adopted Capital Improvement Program

## SPU – Drainage and Wastewater

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).

After candidate projects have been identified, SPU prioritizes 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 utility relocation and betterments associated with the Alaskan Way Viaduct and Mercer Corridor projects.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Point Sewer Pipe Rehabilitation and Emergency Rehabilitation programs.
- **Level of Service:** The importance of this project in providing or improving services to customers. Examples of highly ranked projects in this category include the South Park Pump Station, Localized Flood Control program, Sanitary Sewer Overflow Capacity program, Point Sewer Pipe Rehabilitation, and Emergency Rehabilitation programs.
- **Other Factors:** Other important factors include whether a project has 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 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 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. In recent years, given financial constraints, SPU has made difficult choices to eliminate, defer and/or reduce projects in order to support the highest priority projects. Projects that were eliminated include Small Sewer Improvements, Bitter Lake/North 137<sup>th</sup> Stormwater, Taylor Creek Fish Habitat Improvements, and the Fish Passage Program. Projects that were deferred include Sewer Full Line Replacements and Taylor Creek Culvert Replacement. A number of projects were also reduced, including

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## SPU – Drainage and Wastewater

Pump Station and Force Main Improvements, No-Dig and Pipe Maintenance Rehabilitation, Localized Flood Control, Operations Control Center, Operational Facility-Construction and Operational Facility-Other. Funding for some of these projects (Localized Flood Control in particular) has since been re-instated, as resources have become available.

### CIP Expenditures by Major Categories

**CIP Spending by Major Category**  
(Amounts are in thousands of dollars)

<b>Drainage and Wastewater Fund</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Protection of Beneficial Uses	\$4,800	\$6,135	\$2,798	\$2,702	\$4,748	\$2,617	\$23,799
Sediments	\$5,595	\$2,102	\$1,457	\$1,207	\$1,205	\$1,205	\$12,772
Combined Sewer Overflows	\$26,888	\$53,217	\$29,496	\$35,961	\$37,248	\$21,397	\$204,207
Rehabilitation	\$12,623	\$14,388	\$13,965	\$14,681	\$15,045	\$15,341	\$86,042
Flooding, Sewer Backup and Landslides	\$24,186	\$26,294	\$19,210	\$18,283	\$18,678	\$24,622	\$131,275
Shared Cost Projects	\$14,931	\$13,289	\$12,571	\$11,141	\$15,979	\$14,999	\$82,910
Technology	\$4,815	\$7,331	\$7,551	\$5,302	\$4,737	\$4,788	\$34,524
<b>Total</b>	<b>\$93,838</b>	<b>\$122,756</b>	<b>\$87,048</b>	<b>\$89,277</b>	<b>\$97,640</b>	<b>\$84,970</b>	<b>\$575,529</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 2012 and 2013 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 as resources became available. Capital funding is also included to support the Street Sweeping for Water Quality project, which was initiated in 2011 and will reduce the amount of pollution that flows from roadways through SPU infrastructure into local creeks, Lake Washington, and Puget Sound.

Decreases in the **Protection of Beneficial Uses BCL** in 2012, compared to amounts endorsed for 2012 in the 2011-2016 CIP, are primarily the result of the Venema Creek Natural Drainage System project. Schedule delays driven by community and design concerns, as well as additional work being done to address these issues, has shifted costs from 2011 and 2012 to 2013. The Capitol Hill Water Quality project also contributes to slight increases in both years.

**Sediments:** The City of Seattle is named as a potentially responsible party 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 potentially responsible parties 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

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## SPU – Drainage and Wastewater

specific action sites. The study phase of sediment remediation projects often requires multiple years before specific cleanup actions are defined. As regulatory agency cleanup requirements become clear, additional individual cleanup projects are included in subsequent CIP proposals.

Increases in the **Sediments BCL** for 2012, compared to amounts endorsed for 2012 in the 2011-2016 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 2012 Budget include the Windermere, S. Genesee and S. Henderson CSO projects. When completed, these projects will reduce CSO volumes into Lake Washington by about 14 million gallons per year, a reduction of approximately 60 percent from current overflows. Starting in 2013, the Combined Sewer Overflows BCL will increase significantly. This upward trend reflects progress toward meeting regulatory requirements and commitments outlined in the Combined Sewer Overflow Reduction Plan.

Compared to amounts endorsed for 2012 in the 2011-2016 CIP, the **Combined Sewer Overflows BCL** is increasing. Increases totaling \$1.1 million in 2012 reflect revisions to the cash flow and schedules for the Windermere, S. Genesee and S. Henderson CSO projects. Increases for Windermere are the result of an accelerated construction schedule. During the design phase it was discovered that the construction period could be reduced from 24 months to less than 18 months, resulting in fewer impacts to the community and potential cost savings. The result is a \$10 million increase for this project compared to the Endorsed Budget in 2013, followed by a \$12 million decrease in 2014. The original estimates for Genesee were based on high-level planning work, and have been refined to reflect the chosen alternative. The need for additional mitigation work has also contributed to higher costs.

**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; 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.

Increases in the **Rehabilitation BCL** for 2012, compared to amounts endorsed for 2012 in the 2011-2016 CIP, are driven by the Pump Station and Force Main Improvements program. Delays to the start of the inspection program have impacted the number of force main replacement projects that will be completed this year, resulting in increases to support additional force main projects in 2012. Capital funding totaling \$510,000 in 2012 and \$1 million in 2013 is also planned for the Outfall Rehabilitation Program. This work will start in 2011 as part of the No-Dig program, but will be split out as a separate program for better tracking and budgeting in 2012. This program will design and construct CSO outfall improvements that SPU has committed to completing by 2015 per the 2010 NPDES Waste Discharge Permit with the Department of Ecology.

**Flooding, Sewer Back-up, and Landslides:** This program is responsible for preventing and alleviating flooding and sewer backups in 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

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## SPU – Drainage and Wastewater

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.

Increased funding for the **Flooding, Sewer Back-up, and Landslides BCL** in 2012 compared with amounts endorsed for 2012 in the 2011-2016 CIP will help fund two priority projects that have been delayed from 2011. Continued difficulties in procuring adjacent private and right-of-way property rights as well as investigation of soil contamination issues has delayed construction for the South Park Pump Station project until the first quarter of 2012. Construction for the Thornton Creek Confluence project has been delayed until 2013, primarily due to staffing issues. Increases to these projects are partially offset by reductions to the Localized Flood, Sanitary Sewer Overflow Capacity, and Inflow/Infiltration programs, which can be ramped up or down depending on capacity and priorities within the Flooding, Sewer Back-up, and Landslides BCL. Funding from these programs is also being shifted to support the new Broadview Long Term Plan project. This project aims to restore sanitary sewer system capacity in the Broadview neighborhood, which suffers from numerous sewer backups into residences during wet weather events.

**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 Drainage and Wastewater program includes funding for a number of interdepartmental projects including the Alaskan Way Viaduct and Seawall Replacement, Mercer Corridor and Bridging the Gap projects. 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 2012, compared to amounts endorsed for 2012 in the 2011-2016 CIP, are driven by the Alaskan Way Viaduct (AWV) and Integrated Control Monitoring (I-SCADA) programs. The planned budget for AWV reflects the latest schedule and more refined cost estimates, which includes design in 2011 for the seawall and bored tunnel portals and associated utility relocation, followed by construction in 2012. I-SCADA reductions in 2012 and 2013 are the result of work being accelerated to 2011; funding is available due to delays to the South Park Pump Station and Thornton Confluence projects.

**Technology:** This program category is presented in the separate "Technology CIP" section of SPU's 2012-2017 CIP. The 2012-2017 Adopted CIP reduced technology CIP spending by 10% annually, which is equivalent to a \$1.37 million reduction compared to the 2012 Endorsed Budget in the 2011-2016 Adopted CIP. The Drainage and Wastewater Utility's share of the 2012 Technology CIP reduction is 14% or \$186,000 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/Asset Data Initiative), budget and financial management (Budget Planning and Forecasting, Financial Data Mart), customer service improvements (Web Application Redesign, online chat and contact tools), and project delivery (Enterprise Project Management System). Other technology investments will be cancelled or deferred as a result of this funding reduction, which is part of a set of initiatives intended to continue restraining costs across the utility.

### **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 CSO facilities, both structural and green, will require growing levels of O&M support for inspection and maintenance.

### **City Council Provisos to the CIP**

There are no Council provisos.

## SPU-Drainage & Wastewater

### Project Summary

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Protection of Beneficial Uses</b>									<b>C333B</b>
Best Management Practice Program (C3313)	1,715	2,916	50	20	689	2,352	2,539	2,252	12,534
Capitol Hill Water Quality Project (C3373)	979	306	2,724	2,445	330	225	2,208	365	9,581
Street Sweeping for Water Quality (C3363)	0	314	825	0	0	0	0	0	1,139
Taylor Creek Culvert Replacement (C3353)	769	0	100	550	1,200	125	0	0	2,744
Venema Creek Natural Drainage System (C3333)	1,193	1,489	1,101	3,120	579	0	0	0	7,482
<b>Protection of Beneficial Uses</b>	4,656	5,025	4,800	6,135	2,798	2,702	4,748	2,617	33,480
<b>Sediments</b>									<b>C350B</b>
Sediment Remediation - DWF (C3503)	24,946	6,350	5,595	2,102	1,457	1,207	1,205	1,205	44,068
<b>Sediments</b>	24,946	6,350	5,595	2,102	1,457	1,207	1,205	1,205	44,068
<b>Combined Sewer Overflows</b>									<b>C360B</b>
Ballard Roadside Raingardens Phase I - ARRA-CWSRF (C3603)	1,138	371	129	119	0	0	0	0	1,756
Combined Sewer Overflow Facility Retrofit (C3611)	7,029	2,040	2,040	4,731	6,037	6,320	1,104	1,126	30,428
Green Stormwater Infrastructure Program (C3610)	454	1,836	2,603	3,793	4,996	4,225	4,561	1,126	23,594
Long Term Control Plan (C3604)	17,240	7,726	5,029	7,410	4,101	2,438	2,208	2,252	48,404
S Genesee Combined Sewer Overflow (C3608)	5,573	704	1,507	8,914	9,092	106	200	0	26,095
S Henderson Combined Sewer Overflow Storage (C3609)	6,526	2,142	1,908	4,323	4,705	22,276	29,175	16,892	87,948
Windermere Combined Sewer Overflow Storage (C3605)	10,542	3,244	13,672	23,928	566	595	0	0	52,546
<b>Combined Sewer Overflows</b>	48,501	18,062	26,888	53,217	29,496	35,961	37,248	21,397	270,771
<b>Rehabilitation</b>									<b>C370B</b>
Emergency Rehabilitation (C3705)	5,400	1,020	2,640	2,020	1,881	2,165	2,208	2,252	19,587
No Dig Pipe & Maintenance Rehabilitation (C3707)	12,567	714	1,530	1,561	1,592	1,624	1,656	1,689	22,932
Outfall Rehabilitation Program (C3708)	0	0	510	1,040	1,061	1,082	1,104	1,126	5,924
Point Sewer Pipe Rehabilitation (C3704)	31,948	3,162	4,947	6,659	6,792	6,928	7,066	7,207	74,709

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted Capital Improvement Program

## SPU-Drainage & Wastewater

### Project Summary

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Pump Station and Force Main Improvements (C3703)	3,991	1,270	2,766	2,858	2,389	2,633	2,760	2,815	21,482
Sewer Full Line Replacements (C3702)	190	306	230	250	250	250	250	250	1,976
<b>Rehabilitation</b>	54,096	6,472	12,623	14,388	13,965	14,681	15,045	15,341	146,610
<b>Flooding, Sewer Back-up, and Landslides</b>					<b>BCL/Program Code:</b>				<b>C380B</b>
Broadview Long Term Plan (C3812)	0	0	2,000	5,000	5,000	5,000	5,000	0	22,000
Culvert Replacement Program (C3810)	1,570	1,476	405	3,000	3,000	3,000	3,000	3,000	18,451
Densmore Basin Drainage Improvements (C3803)	5,069	5,306	4,241	200	0	0	0	0	14,816
Inflow/Infiltration Control (C3807)	0	510	377	1,641	1,958	2,254	2,416	5,631	14,788
Localized Flood Control Program (C3802)	1,588	2,621	4,689	4,219	6,064	5,700	5,845	10,361	41,087
Madison Valley Long Term Solution (C3805)	16,581	12,724	317	0	0	0	0	0	29,622
Meadowbrook Pond Sediment Management (C3808)	65	0	1,500	50	0	0	0	0	1,615
Sanitary Sewer Overflow Capacity (C3804)	2,505	2,040	3,080	2,162	2,245	2,330	2,416	5,631	22,409
South Park Pump Station (C3806)	4,682	8,818	6,778	6,022	943	0	0	0	27,243
Thornton Confluence Improvement (C3811)	615	4,375	800	4,000	0	0	0	0	9,789
<b>Flooding, Sewer Back-up, and Landslides</b>	32,676	37,870	24,186	26,294	19,210	18,283	18,678	24,622	201,820
<b>Shared Cost Projects</b>					<b>BCL/Program Code:</b>				<b>C410B</b>
1% for Art – DWF (C4118-DWF)	1,100	526	452	648	643	676	616	629	5,290
Alaskan Way Viaduct & Seawall Replacement Program - DWF (C4102-DWF)	7,488	4,100	1,530	3,955	4,449	3,700	8,523	9,829	43,574
Bridging the Gap - DWF (C4119-DWF)	2	1,224	1,137	1,161	1,273	1,299	1,325	1,351	8,772
Emergency Storms - DWF (C4120-DWF)	4,505	589	0	0	0	0	0	0	5,094
First Hill Streetcar - DWF (C4130-DWF)	0	149	0	0	0	0	0	0	149
Heavy Equipment Purchases - DWF (C4116-DWF)	7,764	1,612	1,436	1,131	1,894	2,517	3,097	1,634	21,085
Integrated Control Monitoring Program - DWF (C4108-DWF)	9,664	1,233	1,392	277	0	0	0	0	12,565

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted Capital Improvement Program



## SPU-Drainage & Wastewater

### Project Summary

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Mercer Corridor Project East Phase - DWF (C4114-DWF)	1,230	1,050	1,010	895	0	0	0	0	4,184
Mercer Corridor Project West Phase - DWF (C4133-DWF)	9	370	335	1,234	982	143	0	0	3,073
Meter Replacement - DWF (C4101-DWF)	3,533	565	567	656	588	599	610	627	7,743
Operational Facility - Construction - DWF (C4106-DWF)	4,308	453	263	769	2,061	1,998	1,652	672	12,175
Operational Facility - Other - DWF (C4115-DWF)	329	0	6,381	1,991	372	0	0	0	9,073
Operations Control Center - DWF (C4105-DWF)	2,351	52	85	96	14	14	120	242	2,973
Other Major Transportation Projects - DWF (C4123-DWF)	1	10	10	10	11	11	11	11	76
Security Improvements - DWF (C4113-DWF)	978	23	148	149	146	133	25	4	1,606
Sound Transit - North Link - DWF (C4135-DWF)	0	0	88	88	0	0	0	0	175
Sound Transit – University Link - DWF (C4110-DWF)	250	69	98	232	138	52	0	0	839
<b>Shared Cost Projects</b>	43,512	12,025	14,931	13,289	12,571	11,141	15,979	14,999	138,447
<b>Technology</b>									<b>BCL/Program Code: C510B</b>
Asset Information Management (C5407)	444	1,235	1,737	1,449	1,059	866	866	883	8,539
Customer Contact & Billing (C5402)	0	469	626	3,470	4,218	1,966	1,306	1,332	13,386
Enterprise Information Management (C5403)	0	171	218	371	238	209	240	172	1,619
IT Infrastructure (C5404)	23	769	600	544	565	583	648	689	4,422
Project Delivery & Performance (C5405)	155	829	1,047	772	937	950	950	969	6,608
Science & System Performance (C5406)	2	590	588	724	535	728	728	742	4,636
<b>Technology</b>	624	4,062	4,815	7,331	7,551	5,302	4,737	4,788	39,210
<b>Department Total*:</b>	209,011	89,866	93,838	122,756	87,048	89,277	97,640	84,970	874,406

\*Amounts in thousands of dollars

### 2012 - 2017 Adopted Capital Improvement Program



## SPU-Drainage & Wastewater

### Fund Summary

Fund Name & Code	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Drainage and Wastewater Fund (44010)	209,011	89,866	93,838	122,756	87,048	89,277	97,640	84,970	874,406
<b>Department Total*:</b>	209,011	89,866	93,838	122,756	87,048	89,277	97,640	84,970	874,406

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**



## 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,100	526	452	648	643	676	616	629	5,290
<b>Total:</b>	1,100	526	452	648	643	676	616	629	5,290
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,100	526	452	648	643	676	616	629	5,290
<b>Total*:</b>	1,100	526	452	648	643	676	616	629	5,290
<b>O &amp; M Costs (Savings)</b>			5	6	6	7	6	6	37
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		516	452	648	643	676	616	629	4,180
<b>Total:</b>		516	452	648	643	676	616	629	4,180

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	7,488	4,100	1,530	3,955	4,449	3,700	8,523	9,829	43,574
<b>Total:</b>	7,488	4,100	1,530	3,955	4,449	3,700	8,523	9,829	43,574
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	7,488	4,100	1,530	3,955	4,449	3,700	8,523	9,829	43,574
<b>Total*:</b>	7,488	4,100	1,530	3,955	4,449	3,700	8,523	9,829	43,574
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,123	1,530	3,955	4,449	3,700	8,523	9,829	35,109
<b>Total:</b>		3,123	1,530	3,955	4,449	3,700	8,523	9,829	35,109

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### 2012 - 2017 Adopted Capital Improvement Program

## SPU-Drainage & Wastewater

### Ballard Roadside Raingardens Phase I - ARRA-CWSRF

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q4/2009
<b>Project ID:</b>	C3603	<b>End Date:</b>	Q4/2013
<b>Location:</b>	Ballard		
<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 establishes a separate project to track the American Recovery and Reinvestment Act (ARRA) funding for the Ballard Roadside Raingardens Phase I project, which is a component of the Ballard Combined Sewer Overflow project (C303101). SPU was awarded \$1.4M from the Washington State Department of Ecology as a low interest loan. The separate project complies with the requirements of ARRA reporting. In addition to reducing a portion of the combined sewer overflow volumes in the Ballard area, this project will develop the design templates and inform the cost and performance data for bioretention cells in the right-of-way. This information will be used to better evaluate, and provide a higher level of confidence for, the role of this green stormwater infrastructure strategy in achieving Seattle's combined sewer system compliance.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Federal ARRA Funds: Clean Water State Revolving Fund	1,138	371	129	119	0	0	0	0	1,756
<b>Total:</b>	1,138	371	129	119	0	0	0	0	1,756
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,138	371	129	119	0	0	0	0	1,756
<b>Total*:</b>	1,138	371	129	119	0	0	0	0	1,756
<b>O &amp; M Costs (Savings)</b>			0	0	18	18	18	18	70
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		401	129	119	0	0	0	0	648
<b>Total:</b>		401	129	119	0	0	0	0	648

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### 2012 - 2017 Adopted 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:</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 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. Budget for 2012 will primarily fund work on the Norfolk Basin Water Quality project.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,715	2,916	50	20	689	2,352	2,539	2,252	12,534
<b>Total:</b>	1,715	2,916	50	20	689	2,352	2,539	2,252	12,534
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,715	2,916	50	20	689	2,352	2,539	2,252	12,534
<b>Total*:</b>	1,715	2,916	50	20	689	2,352	2,539	2,252	12,534
<b>O &amp; M Costs (Savings)</b>			125	125	125	125	125	125	752
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,730	50	20	689	2,352	2,539	2,252	10,633
<b>Total:</b>		2,730	50	20	689	2,352	2,539	2,252	10,633

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### 2012 - 2017 Adopted 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>	Q4/2017
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2	1,224	1,137	1,161	1,273	1,299	1,325	1,351	8,772
<b>Total:</b>	2	1,224	1,137	1,161	1,273	1,299	1,325	1,351	8,772
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2	1,224	1,137	1,161	1,273	1,299	1,325	1,351	8,772
<b>Total*:</b>	2	1,224	1,137	1,161	1,273	1,299	1,325	1,351	8,772
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,200	1,137	1,161	1,273	1,299	1,325	1,351	8,746
<b>Total:</b>		1,200	1,137	1,161	1,273	1,299	1,325	1,351	8,746

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### 2012 - 2017 Adopted 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>	Q1/2012
<b>Project ID:</b>	C3812	<b>End Date:</b>	Q4/2016
<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

This program will develop and implement a plan to restore sanitary sewer system capacity in the Broadview neighborhood, likely through some combination of restoration, replacement, and new facilities to reduce backup events. Typical improvements may include, but are not limited to, sealing of sanitary sewers to groundwater infiltration, disconnection of inflow sources from sanitary sewers, rehabilitation of sanitary sewer lines, and potentially upsizing certain sections of the sanitary sewer system. Drainage improvements may be required in support of this goal and may include improvements to the existing ditch and culvert system, construction of new drainage systems including water quality and flow management features, and may include Green Stormwater Infrastructure (GSI) technologies.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	2,000	5,000	5,000	5,000	5,000	0	22,000
<b>Total:</b>	0	0	2,000	5,000	5,000	5,000	5,000	0	22,000
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	2,000	5,000	5,000	5,000	5,000	0	22,000
<b>Total*:</b>	0	0	2,000	5,000	5,000	5,000	5,000	0	22,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	220	220
<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

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### 2012 - 2017 Adopted 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>	Q4/2017
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	979	306	2,724	2,445	330	225	2,208	365	9,581
<b>Total:</b>	979	306	2,724	2,445	330	225	2,208	365	9,581
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	979	306	2,724	2,445	330	225	2,208	365	9,581
<b>Total*:</b>	979	306	2,724	2,445	330	225	2,208	365	9,581
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		801	2,724	2,445	330	225	2,208	365	9,097
<b>Total:</b>		801	2,724	2,445	330	225	2,208	365	9,097

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### 2012 - 2017 Adopted 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 project 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	7,029	2,040	2,040	4,731	6,037	6,320	1,104	1,126	30,428
<b>Total:</b>	7,029	2,040	2,040	4,731	6,037	6,320	1,104	1,126	30,428
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	7,029	2,040	2,040	4,731	6,037	6,320	1,104	1,126	30,428
<b>Total*:</b>	7,029	2,040	2,040	4,731	6,037	6,320	1,104	1,126	30,428
<b>O &amp; M Costs (Savings)</b>			304	304	304	304	304	304	1,826
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,184	2,040	4,731	6,037	6,320	1,104	1,126	24,542
<b>Total:</b>		3,184	2,040	4,731	6,037	6,320	1,104	1,126	24,542

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,570	1,476	405	3,000	3,000	3,000	3,000	3,000	18,451
<b>Total:</b>	1,570	1,476	405	3,000	3,000	3,000	3,000	3,000	18,451
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,570	1,476	405	3,000	3,000	3,000	3,000	3,000	18,451
<b>Total*:</b>	1,570	1,476	405	3,000	3,000	3,000	3,000	3,000	18,451
<b>O &amp; M Costs (Savings)</b>			184	184	184	184	184	184	1,102
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		478	405	3,000	3,000	3,000	3,000	3,000	15,883
<b>Total:</b>		478	405	3,000	3,000	3,000	3,000	3,000	15,883

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	5,069	5,306	4,241	200	0	0	0	0	14,816
<b>Total:</b>	5,069	5,306	4,241	200	0	0	0	0	14,816
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	5,069	5,306	4,241	200	0	0	0	0	14,816
<b>Total*:</b>	5,069	5,306	4,241	200	0	0	0	0	14,816
<b>O &amp; M Costs (Savings)</b>			0	0	148	148	148	148	593
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		4,389	4,241	200	0	0	0	0	8,830
<b>Total:</b>		4,389	4,241	200	0	0	0	0	8,830

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### 2012 - 2017 Adopted 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:</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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	5,400	1,020	2,640	2,020	1,881	2,165	2,208	2,252	19,587
<b>Total:</b>	5,400	1,020	2,640	2,020	1,881	2,165	2,208	2,252	19,587
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	5,400	1,020	2,640	2,020	1,881	2,165	2,208	2,252	19,587
<b>Total*:</b>	5,400	1,020	2,640	2,020	1,881	2,165	2,208	2,252	19,587
<b>O &amp; M Costs (Savings)</b>			196	196	196	196	196	196	1,175
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,200	2,640	2,020	1,881	2,165	2,208	2,252	14,367
<b>Total:</b>		1,200	2,640	2,020	1,881	2,165	2,208	2,252	14,367

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,505	589	0	0	0	0	0	0	5,094
<b>Total:</b>	4,505	589	0	0	0	0	0	0	5,094
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,505	589	0	0	0	0	0	0	5,094
<b>Total*:</b>	4,505	589	0	0	0	0	0	0	5,094
<b>O &amp; M Costs (Savings)</b>			53	53	53	53	53	53	321
<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

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### 2012 - 2017 Adopted 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 2012-2017 timeframe but if they are, necessary funding will be requested.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	149	0	0	0	0	0	0	149
<b>Total:</b>	0	149	0	0	0	0	0	0	149
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	149	0	0	0	0	0	0	149
<b>Total*:</b>	0	149	0	0	0	0	0	0	149
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		150	0	0	0	0	0	0	150
<b>Total:</b>		150	0	0	0	0	0	0	150

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### 2012 - 2017 Adopted Capital Improvement Program

## SPU-Drainage & Wastewater

### Green Stormwater Infrastructure Program

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	C3610	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing program provides construction of Green Stormwater Infrastructure 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. The Rainwise program provides financial incentives to private property owners within the City's uncontrolled CSO basins for construction of properly sized and installed raingardens, cisterns or downspout disconnections. The program supports the City's current regulatory strategy for compliance with its CSO National Pollutant Discharge Elimination System (NPDES) permit.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	454	1,836	2,603	3,793	4,996	4,225	4,561	1,126	23,594
<b>Total:</b>	454	1,836	2,603	3,793	4,996	4,225	4,561	1,126	23,594
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	454	1,836	2,603	3,793	4,996	4,225	4,561	1,126	23,594
<b>Total*:</b>	454	1,836	2,603	3,793	4,996	4,225	4,561	1,126	23,594
<b>O &amp; M Costs (Savings)</b>			236	236	236	236	236	236	1,416
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,634	2,603	3,793	4,996	4,225	4,561	1,126	22,938
<b>Total:</b>		1,634	2,603	3,793	4,996	4,225	4,561	1,126	22,938

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	7,764	1,612	1,436	1,131	1,894	2,517	3,097	1,634	21,085
<b>Total:</b>	7,764	1,612	1,436	1,131	1,894	2,517	3,097	1,634	21,085
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	7,764	1,612	1,436	1,131	1,894	2,517	3,097	1,634	21,085
<b>Total*:</b>	7,764	1,612	1,436	1,131	1,894	2,517	3,097	1,634	21,085
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		863	1,436	1,131	1,894	2,517	3,097	1,634	12,572
<b>Total:</b>		863	1,436	1,131	1,894	2,517	3,097	1,634	12,572

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	510	377	1,641	1,958	2,254	2,416	5,631	14,788
<b>Total:</b>	0	510	377	1,641	1,958	2,254	2,416	5,631	14,788
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	510	377	1,641	1,958	2,254	2,416	5,631	14,788
<b>Total*:</b>	0	510	377	1,641	1,958	2,254	2,416	5,631	14,788
<b>O &amp; M Costs (Savings)</b>			148	148	148	148	148	148	889
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,110	377	1,641	1,958	2,254	2,416	5,631	15,388
<b>Total:</b>		1,110	377	1,641	1,958	2,254	2,416	5,631	15,388

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### 2012 - 2017 Adopted 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>	Q4/2013
<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 ongoing program funds improvements to the centralized monitoring and control of the drainage and wastewater portion of the overall Supervisory Control and Data Acquisition (SCADA) system infrastructure throughout Seattle. Infrastructure affected may include, but is not limited to, pipes related to potential combined sewer overflows, rain gauges, and wastewater pump stations. This program enhances and protects the quality and condition of lakes and streams, and addresses the Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) permit requirements.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	9,664	1,233	1,392	277	0	0	0	0	12,565
<b>Total:</b>	9,664	1,233	1,392	277	0	0	0	0	12,565
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	9,664	1,233	1,392	277	0	0	0	0	12,565
<b>Total*:</b>	9,664	1,233	1,392	277	0	0	0	0	12,565
<b>O &amp; M Costs (Savings)</b>			126	126	126	126	126	126	754
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,822	1,392	277	0	0	0	0	4,491
<b>Total:</b>		2,822	1,392	277	0	0	0	0	4,491

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,588	2,621	4,689	4,219	6,064	5,700	5,845	10,361	41,087
<b>Total:</b>	1,588	2,621	4,689	4,219	6,064	5,700	5,845	10,361	41,087
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,588	2,621	4,689	4,219	6,064	5,700	5,845	10,361	41,087
<b>Total*:</b>	1,588	2,621	4,689	4,219	6,064	5,700	5,845	10,361	41,087
<b>O &amp; M Costs (Savings)</b>			411	411	411	411	411	411	2,465
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,655	4,689	4,219	6,064	5,700	5,845	10,361	39,532
<b>Total:</b>		2,655	4,689	4,219	6,064	5,700	5,845	10,361	39,532

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### 2012 - 2017 Adopted 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. SPU is required to develop and implement the plan to reduce the number and volume of its CSO overflows, meet receiving water quality standards, and protect designated beneficial uses. The program includes establishing tools for managing the plan, flow characterization, monitoring, and hydraulic modeling; consideration and prioritization of sensitive CSO locations; development and analysis of CSO control alternatives; development of a comprehensive set of reasonable control alternatives that takes into consideration overall cost and performance; operational plan revisions to include agreed-upon long-term CSO controls; public participation process; implementation schedule; and post-construction monitoring program to verify compliance. The Plan will be submitted to the 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. This Program also lays the groundwork for CSO program management activities through 2030. Program management activities include the development and implementation of a Program Management Implementation Plan (PMIP) that will define the CSO Program organization, governance, scope, schedule, communications management plan, quality assurance/quality control plan, and environmental review/permitting plan. Implementation of the PMIP will include monitoring and control of the CSO Program's scope, schedule, budget, and risks, and adherence to the procedures and plans laid out in the PMIP.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	17,240	7,726	5,029	7,410	4,101	2,438	2,208	2,252	48,404
<b>Total:</b>	17,240	7,726	5,029	7,410	4,101	2,438	2,208	2,252	48,404
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	17,240	7,726	5,029	7,410	4,101	2,438	2,208	2,252	48,404
<b>Total*:</b>	17,240	7,726	5,029	7,410	4,101	2,438	2,208	2,252	48,404
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		8,400	5,029	7,410	4,101	2,438	2,208	2,252	31,839
<b>Total:</b>		8,400	5,029	7,410	4,101	2,438	2,208	2,252	31,839

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

### 2012 - 2017 Adopted 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>	Q4/2012
<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 includes 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	16,581	12,724	317	0	0	0	0	0	29,622
<b>Total:</b>	16,581	12,724	317	0	0	0	0	0	29,622
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	16,581	12,724	317	0	0	0	0	0	29,622
<b>Total*:</b>	16,581	12,724	317	0	0	0	0	0	29,622
<b>O &amp; M Costs (Savings)</b>			0	296	296	296	296	296	1,481
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		12,715	317	0	0	0	0	0	13,032
<b>Total:</b>		12,715	317	0	0	0	0	0	13,032

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

### 2012 - 2017 Adopted 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>	Q1/2013
<b>Location:</b>	35th AVE NE/NE 105th ST/NE 110th ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

The project provides for dredging of sediment in Meadowbrook Pond and modifying existing structures to improve functionality of the facility. These tasks will improve the maintenance operations and the cost efficiency and management of Meadowbrook Pond by reducing flow volume, sediments, and contaminants; capturing sediments more efficiently to improve maintenance and worker safety; improving dredging methods; developing definitive maintenance triggers; modifying structures to manage debris, improving flood control; expanding bypass capacity; and increasing water quality in the pond and downstream.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	65	0	1,500	50	0	0	0	0	1,615
<b>Total:</b>	65	0	1,500	50	0	0	0	0	1,615
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	65	0	1,500	50	0	0	0	0	1,615
<b>Total*:</b>	65	0	1,500	50	0	0	0	0	1,615
<b>O &amp; M Costs (Savings)</b>			0	0	16	16	16	16	65
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		239	1,500	50	0	0	0	0	1,789
<b>Total:</b>		239	1,500	50	0	0	0	0	1,789

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### 2012 - 2017 Adopted 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:</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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,230	1,050	1,010	895	0	0	0	0	4,184
<b>Total:</b>	1,230	1,050	1,010	895	0	0	0	0	4,184
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,230	1,050	1,010	895	0	0	0	0	4,184
<b>Total*:</b>	1,230	1,050	1,010	895	0	0	0	0	4,184
<b>O &amp; M Costs (Savings)</b>			0	0	60	60	60	60	238
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,844	1,010	895	0	0	0	0	3,749
<b>Total:</b>		1,844	1,010	895	0	0	0	0	3,749

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	9	370	335	1,234	982	143	0	0	3,073
<b>Total:</b>	9	370	335	1,234	982	143	0	0	3,073
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	9	370	335	1,234	982	143	0	0	3,073
<b>Total*:</b>	9	370	335	1,234	982	143	0	0	3,073
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	31	31	61

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,533	565	567	656	588	599	610	627	7,743
<b>Total:</b>	3,533	565	567	656	588	599	610	627	7,743
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,533	565	567	656	588	599	610	627	7,743
<b>Total*:</b>	3,533	565	567	656	588	599	610	627	7,743
<b>O &amp; M Costs (Savings)</b>			77	77	77	77	77	77	465
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		554	567	656	588	599	610	627	4,200
<b>Total:</b>		554	567	656	588	599	610	627	4,200

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	12,567	714	1,530	1,561	1,592	1,624	1,656	1,689	22,932
<b>Total:</b>	12,567	714	1,530	1,561	1,592	1,624	1,656	1,689	22,932
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	12,567	714	1,530	1,561	1,592	1,624	1,656	1,689	22,932
<b>Total*:</b>	12,567	714	1,530	1,561	1,592	1,624	1,656	1,689	22,932
<b>O &amp; M Costs (Savings)</b>			229	229	229	229	229	229	1,376
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		400	1,530	1,561	1,592	1,624	1,656	1,689	10,051
<b>Total:</b>		400	1,530	1,561	1,592	1,624	1,656	1,689	10,051

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,308	453	263	769	2,061	1,998	1,652	672	12,175
<b>Total:</b>	4,308	453	263	769	2,061	1,998	1,652	672	12,175
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,308	453	263	769	2,061	1,998	1,652	672	12,175
<b>Total*:</b>	4,308	453	263	769	2,061	1,998	1,652	672	12,175
<b>O &amp; M Costs (Savings)</b>			152	152	152	152	152	152	911
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		486	263	769	2,061	1,998	1,652	672	7,900
<b>Total:</b>		486	263	769	2,061	1,998	1,652	672	7,900

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### 2012 - 2017 Adopted 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 2015-2017.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	329	0	6,381	1,991	372	0	0	0	9,073
<b>Total:</b>	329	0	6,381	1,991	372	0	0	0	9,073
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	329	0	6,381	1,991	372	0	0	0	9,073
<b>Total*:</b>	329	0	6,381	1,991	372	0	0	0	9,073
<b>O &amp; M Costs (Savings)</b>			91	91	91	91	91	91	544

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,351	52	85	96	14	14	120	242	2,973
<b>Total:</b>	2,351	52	85	96	14	14	120	242	2,973
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,351	52	85	96	14	14	120	242	2,973
<b>Total*:</b>	2,351	52	85	96	14	14	120	242	2,973
<b>O &amp; M Costs (Savings)</b>			30	30	30	30	30	30	178
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		81	85	96	14	14	120	242	651
<b>Total:</b>		81	85	96	14	14	120	242	651

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

### 2012 - 2017 Adopted Capital Improvement Program



## SPU-Drainage & Wastewater

### Other Major Transportation Projects - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2008
<b>Project ID:</b>	C4123-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program funds Drainage and Wastewater projects that mitigate undesirable impacts from, and takes advantage of opportunities generated by, capital transportation projects of the Washington State Department of Transportation (WSDOT) and the Seattle Department of Transportation (SDOT) throughout the city. Work may include, but is not limited to, physically protecting the infrastructure during the transportation construction process, repairing and replacing damaged infrastructure, and improving existing infrastructure to meet higher standards. Project sites may include, but are not limited to, State Route 520, Interstate 5, and Interstate 90.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1	10	10	10	11	11	11	11	76
<b>Total:</b>	1	10	10	10	11	11	11	11	76
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1	10	10	10	11	11	11	11	76
<b>Total*:</b>	1	10	10	10	11	11	11	11	76
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	5
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		10	10	10	11	11	11	11	74
<b>Total:</b>		10	10	10	11	11	11	11	74

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

### 2012 - 2017 Adopted 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. Initially this program will focus on eight CSO outfalls that SPU has committed to completing by November 2015 per the City's 2010 National Pollutant Discharge Elimination System (NPDES) Waste Discharge Permit with the Department of Ecology.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	510	1,040	1,061	1,082	1,104	1,126	5,924
<b>Total:</b>	0	0	510	1,040	1,061	1,082	1,104	1,126	5,924
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	510	1,040	1,061	1,082	1,104	1,126	5,924
<b>Total*:</b>	0	0	510	1,040	1,061	1,082	1,104	1,126	5,924
<b>O &amp; M Costs (Savings)</b>			59	59	59	59	59	59	355

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	31,948	3,162	4,947	6,659	6,792	6,928	7,066	7,207	74,709
<b>Total:</b>	31,948	3,162	4,947	6,659	6,792	6,928	7,066	7,207	74,709
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	31,948	3,162	4,947	6,659	6,792	6,928	7,066	7,207	74,709
<b>Total*:</b>	31,948	3,162	4,947	6,659	6,792	6,928	7,066	7,207	74,709
<b>O &amp; M Costs (Savings)</b>			200	200	200	200	200	200	1,200
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		4,600	4,947	6,659	6,792	6,928	7,066	7,207	44,198
<b>Total:</b>		4,600	4,947	6,659	6,792	6,928	7,066	7,207	44,198

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,991	1,270	2,766	2,858	2,389	2,633	2,760	2,815	21,482
<b>Total:</b>	3,991	1,270	2,766	2,858	2,389	2,633	2,760	2,815	21,482
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,991	1,270	2,766	2,858	2,389	2,633	2,760	2,815	21,482
<b>Total*:</b>	3,991	1,270	2,766	2,858	2,389	2,633	2,760	2,815	21,482
<b>O &amp; M Costs (Savings)</b>			215	215	215	215	215	215	1,289
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,667	2,766	2,858	2,389	2,633	2,760	2,815	17,888
<b>Total:</b>		1,667	2,766	2,858	2,389	2,633	2,760	2,815	17,888

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### 2012 - 2017 Adopted 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>	Q4/2016
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	5,573	704	1,507	8,914	9,092	106	200	0	26,095
<b>Total:</b>	5,573	704	1,507	8,914	9,092	106	200	0	26,095
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	5,573	704	1,507	8,914	9,092	106	200	0	26,095
<b>Total*:</b>	5,573	704	1,507	8,914	9,092	106	200	0	26,095
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	261	261
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		850	1,507	8,914	9,092	106	200	0	20,669
<b>Total:</b>		850	1,507	8,914	9,092	106	200	0	20,669

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### 2012 - 2017 Adopted Capital Improvement Program

## SPU-Drainage & Wastewater

### S Henderson Combined Sewer Overflow Storage

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	C3609	<b>End Date:</b>	Q4/2018
<b>Location:</b>	S Henderson St.		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

This project provides construction of combined sewer overflows (CSO) facilities in the Henderson area in the southeast part of Seattle. Facilities will be built to meet level of service requirements for CSOs and comply with state and federal regulations. The project will meet requirements of the City's current National Pollutant Discharge Elimination System (NPDES) Wastewater Discharge Permit. Maintenance costs will not begin until after 2018, when the project completes construction.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	6,526	2,142	1,908	4,323	4,705	22,276	29,175	16,892	87,948
<b>Total:</b>	6,526	2,142	1,908	4,323	4,705	22,276	29,175	16,892	87,948
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	6,526	2,142	1,908	4,323	4,705	22,276	29,175	16,892	87,948
<b>Total*:</b>	6,526	2,142	1,908	4,323	4,705	22,276	29,175	16,892	87,948
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,100	1,908	4,323	4,705	22,276	29,175	16,892	81,379
<b>Total:</b>		2,100	1,908	4,323	4,705	22,276	29,175	16,892	81,379

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### 2012 - 2017 Adopted 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

This ongoing project provides capacity improvements to the existing Seattle wastewater conveyance system. Typical improvements may include, but are not limited to, increasing the diameter of existing pipes or installing additional relief pipes to eliminate or avoid sewer backups and overflows.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,505	2,040	3,080	2,162	2,245	2,330	2,416	5,631	22,409
<b>Total:</b>	2,505	2,040	3,080	2,162	2,245	2,330	2,416	5,631	22,409
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,505	2,040	3,080	2,162	2,245	2,330	2,416	5,631	22,409
<b>Total*:</b>	2,505	2,040	3,080	2,162	2,245	2,330	2,416	5,631	22,409
<b>O &amp; M Costs (Savings)</b>			224	224	224	224	224	224	1,345
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,000	3,080	2,162	2,245	2,330	2,416	5,631	19,863
<b>Total:</b>		2,000	3,080	2,162	2,245	2,330	2,416	5,631	19,863

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### 2012 - 2017 Adopted 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>	Q4/2016
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	978	23	148	149	146	133	25	4	1,606
<b>Total:</b>	978	23	148	149	146	133	25	4	1,606
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	978	23	148	149	146	133	25	4	1,606
<b>Total*:</b>	978	23	148	149	146	133	25	4	1,606
<b>O &amp; M Costs (Savings)</b>			16	16	16	16	16	16	96
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		23	148	149	146	133	25	4	627
<b>Total:</b>		23	148	149	146	133	25	4	627

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	24,946	6,350	5,595	2,102	1,457	1,207	1,205	1,205	44,068
<b>Total:</b>	24,946	6,350	5,595	2,102	1,457	1,207	1,205	1,205	44,068
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	24,946	6,350	5,595	2,102	1,457	1,207	1,205	1,205	44,068
<b>Total*:</b>	24,946	6,350	5,595	2,102	1,457	1,207	1,205	1,205	44,068
<b>O &amp; M Costs (Savings)</b>			441	441	441	441	441	441	2,644
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		5,377	5,595	2,102	1,457	1,207	1,205	1,205	18,149
<b>Total:</b>		5,377	5,595	2,102	1,457	1,207	1,205	1,205	18,149

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### 2012 - 2017 Adopted 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:</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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	190	306	230	250	250	250	250	250	1,976
<b>Total:</b>	190	306	230	250	250	250	250	250	1,976
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	190	306	230	250	250	250	250	250	1,976
<b>Total*:</b>	190	306	230	250	250	250	250	250	1,976
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	20	119
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		150	230	250	250	250	250	250	1,630
<b>Total:</b>		150	230	250	250	250	250	250	1,630

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### 2012 - 2017 Adopted 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. Amounts shown are for the design phase only; budget for the construction phase will be included in future budget submittals.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	88	88	0	0	0	0	175
<b>Total:</b>	0	0	88	88	0	0	0	0	175
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	88	88	0	0	0	0	175
<b>Total*:</b>	0	0	88	88	0	0	0	0	175

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	250	69	98	232	138	52	0	0	839
<b>Total:</b>	250	69	98	232	138	52	0	0	839
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	250	69	98	232	138	52	0	0	839
<b>Total*:</b>	250	69	98	232	138	52	0	0	839
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	8	8	17
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		68	98	232	138	52	0	0	588
<b>Total:</b>		68	98	232	138	52	0	0	588

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### 2012 - 2017 Adopted 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>	Q4/2014
<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 provides for the construction of 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. High flows (over 11 CFS) will bypass the water quality facility and be pumped directly to the river.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,682	8,818	6,778	6,022	943	0	0	0	27,243
<b>Total:</b>	4,682	8,818	6,778	6,022	943	0	0	0	27,243
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,682	8,818	6,778	6,022	943	0	0	0	27,243
<b>Total*:</b>	4,682	8,818	6,778	6,022	943	0	0	0	27,243
<b>O &amp; M Costs (Savings)</b>			0	0	0	272	272	272	817
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,553	6,778	6,022	943	0	0	0	15,297
<b>Total:</b>		1,553	6,778	6,022	943	0	0	0	15,297

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### 2012 - 2017 Adopted 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>	Q4/2012
<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 toxic pollutant load carried by stormwater runoff discharged by SPU's storm drain system to Puget Sound using new, high efficiency street sweeping technology. This program will leverage the existing Seattle Department of Transportation (SDOT) street sweeping program expertise and equipment. SDOT will be responsible for managing the sweeper fleet and staff and delivering street sweeping for water quality services, while SPU will be responsible for selecting the water quality routes, sweeping frequency, and performance standards. SPU's capital costs for this program will include sweepers and/or signs, license plate recognition equipment and program start up. Requested funding represents total costs for the capital portion of the street sweeping program, though timing of these investments may vary.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	314	825	0	0	0	0	0	1,139
<b>Total:</b>	0	314	825	0	0	0	0	0	1,139
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	314	825	0	0	0	0	0	1,139
<b>Total*:</b>	0	314	825	0	0	0	0	0	1,139
<b>O &amp; M Costs (Savings)</b>			1,050	1,071	1,091	1,113	1,124	1,146	6,595

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

### 2012 - 2017 Adopted 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>	Q4/2015
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	769	0	100	550	1,200	125	0	0	2,744
<b>Total:</b>	769	0	100	550	1,200	125	0	0	2,744
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	769	0	100	550	1,200	125	0	0	2,744
<b>Total*:</b>	769	0	100	550	1,200	125	0	0	2,744
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	27	27	55

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

### 2012 - 2017 Adopted 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>	Q4/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	615	4,375	800	4,000	0	0	0	0	9,789
<b>Total:</b>	615	4,375	800	4,000	0	0	0	0	9,789
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	615	4,375	800	4,000	0	0	0	0	9,789
<b>Total*:</b>	615	4,375	800	4,000	0	0	0	0	9,789
<b>O &amp; M Costs (Savings)</b>			0	0	98	98	98	98	392
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		600	800	4,000	0	0	0	0	5,400
<b>Total:</b>		600	800	4,000	0	0	0	0	5,400

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

### 2012 - 2017 Adopted 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>	Q4/2014
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,193	1,489	1,101	3,120	579	0	0	0	7,482
<b>Total:</b>	1,193	1,489	1,101	3,120	579	0	0	0	7,482
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,193	1,489	1,101	3,120	579	0	0	0	7,482
<b>Total*:</b>	1,193	1,489	1,101	3,120	579	0	0	0	7,482
<b>O &amp; M Costs (Savings)</b>			0	0	0	75	75	75	224
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,447	1,101	3,120	579	0	0	0	6,247
<b>Total:</b>		1,447	1,101	3,120	579	0	0	0	6,247

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	10,542	3,244	13,672	23,928	566	595	0	0	52,546
<b>Total:</b>	10,542	3,244	13,672	23,928	566	595	0	0	52,546
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	10,542	3,244	13,672	23,928	566	595	0	0	52,546
<b>Total*:</b>	10,542	3,244	13,672	23,928	566	595	0	0	52,546
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	525	525	1,051
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,697	13,672	23,928	566	595	0	0	42,458
<b>Total:</b>		3,697	13,672	23,928	566	595	0	0	42,458

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

### 2012 - 2017 Adopted 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. Solid waste rates were adopted by Council in 2010 for the period 2011-2012, and support the 2012-2017 Adopted CIP.

### 2012-2017 CIP

Planned spending in the Solid Waste CIP is \$166.2 million over the next six years. By far the largest projects over this time period are construction of a new south transfer station in 2012 and a new north transfer station between 2012 and 2015, and construction of a new recycling/re-use facility on the grounds of the old south transfer station between 2015 and 2017. These projects comprise roughly two thirds of the total CIP. Other significant projects are the South Park Development project, which funds the investigation and safe closure of the old South Park Landfill, and replacement of the South Household Hazardous Waste facility.

The north transfer station in Wallingford and the south transfer station in South Park are at the end of their useful lives. 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 completed in 2014.

Completing both station rebuild projects at a time of slowing revenue growth poses a financial challenge to the utility. Revenues have been slowing since 2008 due to the economic downturn, which curbed the volume of waste and recyclables, and caused prices for recyclable materials to dip considerably for several months. SPU responded in 2010 and 2011 budgets by reducing headcount, identifying efficiencies that allowed budgets for fleets, overtime, and other support costs to be reduced, and reducing funding for customer education, community waste prevention grants, and enforcement for recycling requirements. Despite these reductions, however, the challenge of constructing two new major generational assets, the north and south transfer stations, required rate increases in the 2011-2012 period.

As of late 2011, construction on the south transfer station was well underway. About \$20 million worth of spending planned for 2012 in the 2011-2016 CIP was accelerated into 2011 during that year, reflecting the latest construction schedules. The 2012-2017 CIP reflects this funding shift.

The original schedule for the north transfer station has been extended somewhat in the 2012-2017 CIP. SPU staff worked closely during 2010 and 2011 with a stakeholder group to develop a preferred conceptual layout for the new north station. After an 11-month process during which the project team met with stakeholders to share a variety of design alternatives and obtain their feedback, in June 2011 the

stakeholders provided SPU with their recommendations for a preferred conceptual layout. SPU has accepted the stakeholder recommendations.

The schedules for the cleanup of the South Park landfill and the redevelopment of the existing 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 older south transfer station will not occur until the north transfer station is rebuilt. This will allow the older 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 to ensure that two transfer stations 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 existing south transfer station will be demolished. Following demolition, landfill closure as defined by the South Park Landfill Cleanup Action Plan will be completed on the existing 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 older south transfer station. SPU previously operated the landfill and owns a portion of the site. Thus the City is among the potentially liable parties in the clean up. The final cost allocation among parties will not be known until later in the project. In addition, the scope of the remediation has yet to be finalized. Thus 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, and these bonds fund up to 90% of the CIP. The remainder of the CIP is funded by cash. SPU also actively seeks grants, low interest loans, and other funding sources whenever possible. 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. As a result, reductions to customer education, community waste prevention grants, and enforcement for recycling requirements were implemented in the 2010 and 2011 operating budgets. In addition, rate increases were instituted in 2010 for the period 2011-2012, and included increases for the average residential customer of 6.5% or \$2.25 per month in 2012. The rate increases were 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 CIP 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.

### **2012 - 2017 Adopted Capital Improvement Program**

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 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 highly ranked projects in this category include the 1% for Arts program.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the north and south transfer station rebuild projects.
- **Level of Service:** The importance of this project in providing or improving services to customers. Examples of highly ranked projects in this category include the north and south transfer station rebuild projects as well as the Household Hazardous Waste Relocation project.
- **Other Factors:** Other important factors include whether a project has 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 2010 Solid Waste Comp Plan Update.

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 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. For example, the Kent Highlands Storm Drain Repair project was re-scoped based on the closer analysis and review. Rather than replacing approximately 600 lineal feet of pipe, the project was reduced to the replacement of 80 feet of failing pipe. Costs were reduced from over \$700,000 to under \$80,000.

## CIP Expenditures by Major Category

Solid Waste Fund	2012	2013	2014	2015	2016	2017	Total
New Facilities	\$13,845	\$11,322	\$45,822	\$36,301	\$25,481	\$2,429	\$135,200
Rehabilitation & Heavy Equipment	\$397	\$224	\$42	\$54	\$44	\$45	\$806
Shared Cost Projects	\$2,536	\$2,208	\$1,954	\$1,918	\$2,126	\$1,530	\$12,272
Technology	\$1,665	\$4,334	\$5,126	\$2,658	\$2,042	\$2,069	\$17,894
<b>Total</b>	<b>\$18,443</b>	<b>\$18,088</b>	<b>\$52,944</b>	<b>\$40,930</b>	<b>\$29,693</b>	<b>\$6,073</b>	<b>\$166,172</b>

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.

Schedule shifts have caused the New Facilities BCL to decrease by \$21.6 million in 2012 and \$21.0 million in 2013 compared to amounts planned for those years in the 2011-2016 Adopted CIP. As noted above, \$19.9 million in funding originally planned for 2012 for the south transfer station was shifted into 2011 to support current construction timing. The schedule for the north transfer station has been moved out by roughly a year, so that expenditures previously planned for 2012-2014 are now expected between 2013 and 2015.

In terms of total project costs, the south transfer station's total budget is currently estimated to be roughly \$6 million lower than in the 2011-2016 Adopted CIP, primarily due to savings in preparing the site for construction. In contrast, as a result of updated cost estimates including final contingency amounts and the new preferred design concept as recommended by stakeholders and approved by SPU, the north transfer station cost estimates have increased by just under \$12 million.

**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 Shared Cost Projects BCL increased by \$241,000 in 2012 and \$110,000 in 2013. The key drivers are shifts in the Heavy Equipment Purchases project based on the completion schedule for the south transfer station and the addition of the new SWF SCADA program to monitor flare performance at the closed landfills, which was not in the previously Endorsed amounts.

**Technology:** This program category is presented in the separate “Technology CIP” section of SPU’s 2012-2017 CIP. The 2012-2017 Adopted CIP reduced technology CIP spending by 10% annually, which is equivalent to a \$1.37 million reduction compared to the 2012 Endorsed Budget in the 2011-2016 Adopted CIP. The Solid Waste Utility’s share of the 2012 Technology CIP reduction is 35% or \$473,000 based on the Solid Waste 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/Asset Data Initiative), budget and financial management (Budget Planning and Forecasting, Financial Data Mart), customer service improvements (Web Application Redesign, online chat & contact tools), and project delivery (Enterprise Project Management System). Other technology investments will be cancelled or deferred as a result of this funding reduction, which is part of a set of initiatives intended to continue restraining costs across the utility.

### **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.

### **City Council Provisos to the CIP**

There are no Council provisos.



## Project Summary

BCL/Program Name/									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>New Facilities</b>									<b>C230B</b>
Miscellaneous Station Improvements (C2303)	2,711	306	346	300	300	200	0	0	4,162
North Transfer Station Rebuild (C2306)	2,212	1,479	1,761	8,000	32,144	27,041	30	0	72,667
South Park Development (C2304)	1,141	690	468	1,046	12,317	7,800	5,161	0	28,623
South Recycling Disposal Station Household Hazardous Waste Relocation (C2305)	0	0	0	0	0	177	2,072	177	2,425
South Transfer Station Rebuild (C2302)	24,284	43,160	11,271	1,977	1,061	1,082	18,217	2,252	103,305
<b>New Facilities</b>	30,348	45,635	13,845	11,322	45,822	36,301	25,481	2,429	211,182
<b>Rehabilitation and Heavy Equipment</b>									<b>C240B</b>
2010 Solid Waste Comprehensive Plan Update (C2407)	168	97	50	0	0	0	0	0	315
Kent Highlands Landfill (C2402)	468	195	282	203	21	22	22	23	1,234
Midway Landfill (C2403)	108	51	65	21	21	32	22	23	344
<b>Rehabilitation and Heavy Equipment</b>	744	343	397	224	42	54	44	45	1,893
<b>Shared Cost Projects</b>									<b>C410B</b>
1% for Art – SWF (C4118-SWF)	280	252	345	332	322	134	298	315	2,279
Heavy Equipment Purchases - SWF (C4116-SWF)	4,553	1,952	2,000	1,500	1,500	1,500	1,500	938	15,443
Integrated Control Monitoring Program - SWF (C4108-SWF)	0	0	75	250	0	0	0	0	325
Operational Facility - Construction - SWF (C4106-SWF)	2,478	0	0	79	100	263	274	198	3,393
Operational Facility - Other - SWF (C4115-SWF)	637	0	0	0	0	0	0	0	637
Operations Control Center - SWF (C4105-SWF)	667	17	27	31	5	5	37	76	865
Security Improvements - SWF (C4113-SWF)	835	15	89	16	27	16	17	3	1,018
<b>Shared Cost Projects</b>	9,451	2,236	2,536	2,208	1,954	1,918	2,126	1,530	23,959
<b>Technology</b>									<b>C510B</b>
Asset Information Management (C5407)	222	384	645	525	455	372	372	379	3,354

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## SPU-Solid Waste

### Project Summary

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Customer Contact & Billing (C5402)	0	296	258	2,989	3,694	1,221	561	572	9,589
Enterprise Information Management (C5403)	0	73	87	149	100	88	100	74	671
IT Infrastructure (C5404)	12	291	135	237	252	257	289	309	1,782
Project Delivery & Performance (C5405)	77	371	460	331	396	408	408	416	2,868
Science & System Performance (C5406)	13	0	80	103	230	312	312	319	1,370
<b>Technology</b>	324	1,415	1,665	4,334	5,126	2,658	2,042	2,069	19,634
<b>Department Total*:</b>	40,867	49,629	18,443	18,088	52,944	40,930	29,693	6,073	256,667

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**

## SPU-Solid Waste

### Fund Summary

Fund Name & Code	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Solid Waste Fund (45010)	40,867	49,629	18,443	18,088	52,944	40,930	29,693	6,073	256,667
<b>Department Total*:</b>	40,867	49,629	18,443	18,088	52,944	40,930	29,693	6,073	256,667

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	280	252	345	332	322	134	298	315	2,279
<b>Total:</b>	280	252	345	332	322	134	298	315	2,279
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	280	252	345	332	322	134	298	315	2,279
<b>Total*:</b>	280	252	345	332	322	134	298	315	2,279
<b>O &amp; M Costs (Savings)</b>			3	3	3	1	3	3	17
<b>Spending Plan by Fund</b>									
Solid Waste Fund		247	345	332	322	134	298	315	1,994
<b>Total:</b>		247	345	332	322	134	298	315	1,994

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

### 2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	168	97	50	0	0	0	0	0	315
<b>Total:</b>	168	97	50	0	0	0	0	0	315
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	168	97	50	0	0	0	0	0	315
<b>Total*:</b>	168	97	50	0	0	0	0	0	315
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Solid Waste Fund		140	50	0	0	0	0	0	190
<b>Total:</b>		140	50	0	0	0	0	0	190

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

### **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	4,553	1,952	2,000	1,500	1,500	1,500	1,500	938	15,443
<b>Total:</b>	4,553	1,952	2,000	1,500	1,500	1,500	1,500	938	15,443
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	4,553	1,952	2,000	1,500	1,500	1,500	1,500	938	15,443
<b>Total*:</b>	4,553	1,952	2,000	1,500	1,500	1,500	1,500	938	15,443
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Solid Waste Fund		1,405	2,000	1,500	1,500	1,500	1,500	938	10,343
<b>Total:</b>		1,405	2,000	1,500	1,500	1,500	1,500	938	10,343

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

### 2012 - 2017 Adopted 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>	Q4/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	0	0	75	250	0	0	0	0	325
<b>Total:</b>	0	0	75	250	0	0	0	0	325
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	0	0	75	250	0	0	0	0	325
<b>Total*:</b>	0	0	75	250	0	0	0	0	325
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	3	20

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	468	195	282	203	21	22	22	23	1,234
<b>Total:</b>	468	195	282	203	21	22	22	23	1,234
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	468	195	282	203	21	22	22	23	1,234
<b>Total*:</b>	468	195	282	203	21	22	22	23	1,234
<b>O &amp; M Costs (Savings)</b>			12	12	12	12	12	12	74
<b>Spending Plan by Fund</b>									
Solid Waste Fund		520	282	203	21	22	22	23	1,092
<b>Total:</b>		520	282	203	21	22	22	23	1,092

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

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	108	51	65	21	21	32	22	23	344
<b>Total:</b>	108	51	65	21	21	32	22	23	344
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	108	51	65	21	21	32	22	23	344
<b>Total*:</b>	108	51	65	21	21	32	22	23	344
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	3	21
<b>Spending Plan by Fund</b>									
Solid Waste Fund		70	65	21	21	32	22	23	255
<b>Total:</b>		70	65	21	21	32	22	23	255

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

### **2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	2,711	306	346	300	300	200	0	0	4,162
<b>Total:</b>	2,711	306	346	300	300	200	0	0	4,162
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,711	306	346	300	300	200	0	0	4,162
<b>Total*:</b>	2,711	306	346	300	300	200	0	0	4,162
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	42	42	83
<b>Spending Plan by Fund</b>									
Solid Waste Fund		150	346	300	300	200	0	0	1,296
<b>Total:</b>		150	346	300	300	200	0	0	1,296

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

### **2012 - 2017 Adopted Capital Improvement Program**

## SPU-Solid Waste

### North Transfer Station Rebuild

<b>BCL/Program Name:</b>	New Facilities	<b>BCL/Program Code:</b>	C230B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	C2306	<b>End Date:</b>	Q4/2016
<b>Location:</b>	1350 N 34th St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the replacement of the existing North Recycling and Disposal Station (NRDS) in Wallingford. The existing station was built in 1967 and is outdated and nearing the end of its useful life. The project includes the demolition of the existing transfer station and warehouse building on the adjacent property to the east. The new transfer station campus includes the tipping floor, recycling facility, educational center, new administrative building and employee facilities.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	2,212	1,479	1,761	8,000	32,144	27,041	30	0	72,667
<b>Total:</b>	2,212	1,479	1,761	8,000	32,144	27,041	30	0	72,667
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,212	1,479	1,761	8,000	32,144	27,041	30	0	72,667
<b>Total*:</b>	2,212	1,479	1,761	8,000	32,144	27,041	30	0	72,667
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	727	727	1,453
<b>Spending Plan by Fund</b>									
Solid Waste Fund		1,300	1,761	8,000	32,144	27,041	30	0	70,276
<b>Total:</b>		1,300	1,761	8,000	32,144	27,041	30	0	70,276

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

### 2012 - 2017 Adopted 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. No work is currently planned until 2013.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	2,478	0	0	79	100	263	274	198	3,393
<b>Total:</b>	2,478	0	0	79	100	263	274	198	3,393
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,478	0	0	79	100	263	274	198	3,393
<b>Total*:</b>	2,478	0	0	79	100	263	274	198	3,393
<b>O &amp; M Costs (Savings)</b>			0	0	34	34	34	34	136
<b>Spending Plan by Fund</b>									
Solid Waste Fund		0	0	79	100	263	274	198	914
<b>Total:</b>		0	0	79	100	263	274	198	914

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

### 2012 - 2017 Adopted 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 2012-2017 timeframe but as future projects are identified, necessary funding will be requested.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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>			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.*

### 2012 - 2017 Adopted 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. Minimal spending is planned for 2014 and 2015.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	667	17	27	31	5	5	37	76	865
<b>Total:</b>	667	17	27	31	5	5	37	76	865
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	667	17	27	31	5	5	37	76	865
<b>Total*:</b>	667	17	27	31	5	5	37	76	865
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	52
<b>Spending Plan by Fund</b>									
Solid Waste Fund		16	27	31	5	5	37	76	197
<b>Total:</b>		16	27	31	5	5	37	76	197

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

### **2012 - 2017 Adopted 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>	Q4/2017
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	835	15	89	16	27	16	17	3	1,018
<b>Total:</b>	835	15	89	16	27	16	17	3	1,018
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	835	15	89	16	27	16	17	3	1,018
<b>Total*:</b>	835	15	89	16	27	16	17	3	1,018
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	61
<b>Spending Plan by Fund</b>									
Solid Waste Fund		15	89	16	27	16	17	3	182
<b>Total:</b>		15	89	16	27	16	17	3	182

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

### **2012 - 2017 Adopted 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>	Q4/2016
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	1,141	690	468	1,046	12,317	7,800	5,161	0	28,623
<b>Total:</b>	1,141	690	468	1,046	12,317	7,800	5,161	0	28,623
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	1,141	690	468	1,046	12,317	7,800	5,161	0	28,623
<b>Total*:</b>	1,141	690	468	1,046	12,317	7,800	5,161	0	28,623
<b>O &amp; M Costs (Savings)</b>			0	0	0	50	50	50	150
<b>Spending Plan by Fund</b>									
Solid Waste Fund		795	468	1,046	12,317	7,800	5,161	0	27,587
<b>Total:</b>		795	468	1,046	12,317	7,800	5,161	0	27,587

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

### **2012 - 2017 Adopted 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>	Q4/2017
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	0	0	0	0	0	177	2,072	177	2,425
<b>Total:</b>	0	0	0	0	0	177	2,072	177	2,425
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	0	0	0	0	0	177	2,072	177	2,425
<b>Total*:</b>	0	0	0	0	0	177	2,072	177	2,425
<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.*

### 2012 - 2017 Adopted Capital Improvement Program

## SPU-Solid Waste

### South Transfer Station Rebuild

<b>BCL/Program Name:</b>	New Facilities	<b>BCL/Program Code:</b>	C230B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	C2302	<b>End Date:</b>	Q4/2017
<b>Location:</b>	8100 2nd AVE S		
<b>Neighborhood Plan:</b>	Duwamish	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Duwamish

This program provides for the replacement of the existing South Recycling and Disposal Station (SRDS) in South Park. The existing solid waste transfer station was built in 1966 and is outdated and nearing the end of its useful life. The design and construction of replacement facilities is a two phase project. The first phase includes the development of a new transfer station and associated facilities adjacent to the existing facility on a 9.1 acre parcel to the northwest of the existing station. The second phase includes demolition of the existing facilities and development of new recycling and reuse facilities, a household hazardous waste facility, and other utility facilities. This program also allows for clean up at the bus-yard facility. This program provides essential facilities for solid waste management in the city and enhances recycling capability. The 2011 revised budget and 2011 spending plan include funding that was moved from 2012 to 2011 to support anticipated construction phasing.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	24,284	43,160	11,271	1,977	1,061	1,082	18,217	2,252	103,305
<b>Total:</b>	24,284	43,160	11,271	1,977	1,061	1,082	18,217	2,252	103,305
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	24,284	43,160	11,271	1,977	1,061	1,082	18,217	2,252	103,305
<b>Total*:</b>	24,284	43,160	11,271	1,977	1,061	1,082	18,217	2,252	103,305
<b>O &amp; M Costs (Savings)</b>			834	834	834	834	834	834	5,003
<b>Spending Plan by Fund</b>									
Solid Waste Fund		42,654	11,271	1,977	1,061	1,082	18,217	2,252	78,515
<b>Total:</b>		42,654	11,271	1,977	1,061	1,082	18,217	2,252	78,515

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

### 2012 - 2017 Adopted Capital Improvement Program



# **SPU - TECHNOLOGY PROJECTS**





**Project Summary**

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Technology</b>									<b>C510B</b>
Asset Information Management (C5407)	1,387	3,258	4,663	3,569	2,823	2,309	2,309	2,356	22,675
Customer Contact & Billing (C5402)	0	1,311	1,627	10,184	12,448	5,482	3,482	3,552	38,086
Enterprise Information Management (C5403)	0	455	555	950	626	550	630	459	4,225
IT Infrastructure (C5404)	72	2,137	1,445	1,488	1,565	1,600	1,800	1,926	12,032
Project Delivery & Performance (C5405)	484	2,350	2,880	2,059	2,472	2,534	2,534	2,584	17,896
Science & System Performance (C5406)	15	737	668	1,125	1,427	1,940	1,940	1,979	9,832
<b>Technology</b>	1,959	10,248	11,838	19,374	21,362	14,415	12,696	12,856	104,747
<b>Department Total*:</b>	1,959	10,248	11,838	19,374	21,362	14,415	12,696	12,856	104,747

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**



## SPU-Technology

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Drainage and Wastewater Fund (44010)	624	4,062	4,815	7,331	7,551	5,302	4,737	4,788	39,210
Solid Waste Fund (45010)	324	1,415	1,665	4,334	5,126	2,658	2,042	2,069	19,634
Water Fund (43000)	1,011	4,770	5,358	7,709	8,685	6,456	5,916	5,999	45,903
<b>Department Total*:</b>	1,959	10,248	11,838	19,374	21,362	14,415	12,696	12,856	104,747

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted 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 technology applications, upgrades and data management tools in support of SPU's field operations and asset maintenance 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 (central repository of asset data), dispatch and emergency response systems, vehicle location tracking tools, and essential upgrades to the Work Management System. Other related, but as yet undetermined projects will be undertaken to further enhance safety and improve responsiveness of SPU's utility operations.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	721	1,640	2,281	1,594	1,310	1,072	1,072	1,093	10,783
Drainage and Wastewater Rates	444	1,235	1,737	1,449	1,059	866	866	883	8,539
Solid Waste Rates	222	384	645	525	455	372	372	379	3,354
<b>Total:</b>	1,387	3,258	4,663	3,569	2,823	2,309	2,309	2,356	22,675
<b>Fund Appropriations/Allocations</b>									
Water Fund	721	1,640	2,281	1,594	1,310	1,072	1,072	1,093	10,783
Drainage and Wastewater Fund	444	1,235	1,737	1,449	1,059	866	866	883	8,539
Solid Waste Fund	222	384	645	525	455	372	372	379	3,354
<b>Total*:</b>	1,387	3,258	4,663	3,569	2,823	2,309	2,309	2,356	22,675
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		1,770	2,281	1,594	1,310	1,072	1,072	1,093	10,192
Drainage and Wastewater Fund		1,356	1,737	1,449	1,059	866	866	883	8,216
Solid Waste Fund		424	645	525	455	372	372	379	3,172
<b>Total:</b>		3,550	4,663	3,569	2,823	2,309	2,309	2,356	21,580

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**2012 - 2017 Adopted 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 ongoing 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, an upgrade to the Consolidated Customer Service System and new technology solutions for enhanced customer contact management, which includes the Web Application Redesign project. This program is intended to enhance customer service, ensure accurate billing, and improve efficiency in the Call Center. This program includes funding for SPU's portion of the CCSS Replacement project, a joint project with Seattle City Light. SPU's share of the project is currently estimated to be \$20 million between 2013-2015.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	0	547	744	3,725	4,536	2,296	1,616	1,648	15,110
Drainage and Wastewater Rates	0	469	626	3,470	4,218	1,966	1,306	1,332	13,386
Solid Waste Rates	0	296	258	2,989	3,694	1,221	561	572	9,589
<b>Total:</b>	0	1,311	1,627	10,184	12,448	5,482	3,482	3,552	38,086
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	547	744	3,725	4,536	2,296	1,616	1,648	15,110
Drainage and Wastewater Fund	0	469	626	3,470	4,218	1,966	1,306	1,332	13,386
Solid Waste Fund	0	296	258	2,989	3,694	1,221	561	572	9,589
<b>Total*:</b>	0	1,311	1,627	10,184	12,448	5,482	3,482	3,552	38,086
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		450	744	3,725	4,536	2,296	1,616	1,648	15,014
Drainage and Wastewater Fund		363	626	3,470	4,218	1,966	1,306	1,332	13,280
Solid Waste Fund		306	258	2,989	3,694	1,221	561	572	9,600
<b>Total:</b>		1,119	1,627	10,184	12,448	5,482	3,482	3,552	37,894

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**2012 - 2017 Adopted 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 ongoing program will provide several 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	0	211	250	430	288	254	289	213	1,935
Drainage and Wastewater Rates	0	171	218	371	238	209	240	172	1,619
Solid Waste Rates	0	73	87	149	100	88	100	74	671
<b>Total:</b>	0	455	555	950	626	550	630	459	4,225
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	211	250	430	288	254	289	213	1,935
Drainage and Wastewater Fund	0	171	218	371	238	209	240	172	1,619
Solid Waste Fund	0	73	87	149	100	88	100	74	671
<b>Total*:</b>	0	455	555	950	626	550	630	459	4,225
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		100	250	430	288	254	289	213	1,824
Drainage and Wastewater Fund		81	218	371	238	209	240	172	1,529
Solid Waste Fund		35	87	149	100	88	100	74	633
<b>Total:</b>		216	555	950	626	550	630	459	3,986

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	37	1,076	709	707	748	759	863	927	5,828
Drainage and Wastewater Rates	23	769	600	544	565	583	648	689	4,422
Solid Waste Rates	12	291	135	237	252	257	289	309	1,782
<b>Total:</b>	72	2,137	1,445	1,488	1,565	1,600	1,800	1,926	12,032
<b>Fund Appropriations/Allocations</b>									
Water Fund	37	1,076	709	707	748	759	863	927	5,828
Drainage and Wastewater Fund	23	769	600	544	565	583	648	689	4,422
Solid Waste Fund	12	291	135	237	252	257	289	309	1,782
<b>Total*:</b>	72	2,137	1,445	1,488	1,565	1,600	1,800	1,926	12,032
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		909	709	707	748	759	863	927	5,623
Drainage and Wastewater Fund		710	600	544	565	583	648	689	4,339
Solid Waste Fund		210	135	237	252	257	289	309	1,689
<b>Total:</b>		1,829	1,445	1,488	1,565	1,600	1,800	1,926	11,652

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	252	1,150	1,373	955	1,140	1,176	1,176	1,199	8,420
Drainage and Wastewater Rates	155	829	1,047	772	937	950	950	969	6,608
Solid Waste Rates	77	371	460	331	396	408	408	416	2,868
<b>Total:</b>	484	2,350	2,880	2,059	2,472	2,534	2,534	2,584	17,896
<b>Fund Appropriations/Allocations</b>									
Water Fund	252	1,150	1,373	955	1,140	1,176	1,176	1,199	8,420
Drainage and Wastewater Fund	155	829	1,047	772	937	950	950	969	6,608
Solid Waste Fund	77	371	460	331	396	408	408	416	2,868
<b>Total*:</b>	484	2,350	2,880	2,059	2,472	2,534	2,534	2,584	17,896
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		1,275	1,373	955	1,140	1,176	1,176	1,199	8,294
Drainage and Wastewater Fund		932	1,047	772	937	950	950	969	6,556
Solid Waste Fund		422	460	331	396	408	408	416	2,840
<b>Total:</b>		2,628	2,880	2,059	2,472	2,534	2,534	2,584	17,690

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	0	147	0	298	662	900	900	918	3,826
Drainage and Wastewater Rates	2	590	588	724	535	728	728	742	4,636
Solid Waste Rates	13	0	80	103	230	312	312	319	1,370
<b>Total:</b>	15	737	668	1,125	1,427	1,940	1,940	1,979	9,832
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	147	0	298	662	900	900	918	3,826
Drainage and Wastewater Fund	2	590	588	724	535	728	728	742	4,636
Solid Waste Fund	13	0	80	103	230	312	312	319	1,370
<b>Total*:</b>	15	737	668	1,125	1,427	1,940	1,940	1,979	9,832
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		147	0	298	662	900	900	918	3,826
Drainage and Wastewater Fund		652	588	724	535	728	728	742	4,696
Solid Waste Fund		107	80	103	230	312	312	319	1,464
<b>Total:</b>		906	668	1,125	1,427	1,940	1,940	1,979	9,986

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**2012 - 2017 Adopted 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. The capital program also includes investments in watershed stewardship projects, Cedar River Watershed Habitat Conservation Plan implementation, water conservation programs, vehicles, heavy equipment, and technology.

Planned spending in the Water CIP is \$379.7 million over the next six years. Projects include covering open reservoirs to ensure water purity as required by state regulations; the Morse Lake Pump Plant, which will increase 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. The Adopted CIP also includes many ongoing programs, such as improving the distribution system of watermain, valves, and pump stations. By the time the Morse Lake Pump Plant project has been built in 2017, however, investments in major generational assets will have been completed, and the overall CIP will be reduced. Spending will be substantially focused on maintaining, 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 fall of 2011 for the period 2012 to 2014. SPU is currently drafting the update of its Water System Plan, a Washington Department of Health regulatory requirement due every six years. It will be finalized and approved by the Washington Department of Health by April 2013.

## **2012-2017 CIP**

Three important trends have converged to put financial pressure on the Water Utility 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 roughly every year since 1990 and in 2010 was 33% below 1990 levels, despite serving a larger population, and is projected to further decline. Seattle currently has some of the lowest per capita water consumption in the nation. While this accomplishment helps contribute to a sustainable future for the region, it puts financial pressure on the utility because fixed costs including the costs of the CIP need to be distributed across fewer units of water sold. This trend also puts pressure on SPU management and employees to deliver services as efficiently as possible. In 2010 and 2011, unusually cool and wet summer weather further depressed water sales.

The second major trend shaping the 2012-2017 CIP is recent economic history. Since water rates were last adopted in 2008, the slowdown in the economy has adversely impacted both water demand and new development. Revenues in the Water Fund were a cumulative \$56.5 million lower between 2009 and 2011 than forecast in the last rate study. To respond to this changing economic climate, SPU unfunded 85 FTE across the department in 2010 and 2011, reduced programmatic spending and deferred capital investments, and identified operational efficiencies leading to savings in overtime, fleets and other central

## **2012 - 2017 Adopted Capital Improvement Program**

costs. As a result, the Executive’s 2012-2014 rate study proposes capital and operating expenditures for 2012 that are lower than amounts assumed for 2011 in the 2009-2011 rate study.

The third trend is the recent history of major infrastructure investments. The Water CIP is transitioning from a period of constructing large capital projects responding to regulatory requirements to a period focused on the maintenance of physical infrastructure. The investments include water treatment facilities on the Tolt and Cedar River sources, coverings for five open reservoirs in response to state regulations, and investments to meet federal requirements embodied in the Cedar River Watershed Habitat Conservation Program. These investments helped secure the supply and distribution of pure 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 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 the investments.

The 2012-2017 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 2012-2017 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 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 2012-2017 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 70% 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. SPU issues bonds, serviced by ratepayers, covering between 80-85% 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. 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 watermain. 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

### **2012 - 2017 Adopted Capital Improvement Program**

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, 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).

After candidate projects have been identified, SPU prioritizes 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 utility relocation and betterments associated with 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 whether a project has 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.

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 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

### **2012 - 2017 Adopted Capital Improvement Program**

also result in project scope changes, as more cost-effective approaches to meeting the business need are identified.

## CIP Expenditures by Major Category

Water Fund	2012	2013	2014	2015	2016	2017	Total
Distribution	\$ 15,194	\$ 19,778	\$ 20,394	\$ 22,751	\$ 24,085	\$ 25,279	\$ 127,481
Transmission	\$ 1,343	\$ 3,027	\$ 3,076	\$ 3,137	\$ 3,195	\$ 3,393	\$ 17,172
Watershed Stewardship	\$ 1,828	\$ 1,035	\$ 729	\$ 600	\$ 600	\$ 600	\$ 5,392
Water Quality and Treatment	\$ 6,613	\$ 5,293	\$ 1,547	\$ 202	\$ 210	\$ 113	\$ 13,978
Water Resources	\$ 5,617	\$ 5,576	\$ 8,743	\$ 8,741	\$ 12,223	\$ 10,301	\$ 51,201
Habitat Conservation Program	\$ 4,913	\$ 3,372	\$ 3,649	\$ 2,945	\$ 2,489	\$ 1,809	\$ 19,176
Shared Cost Projects	\$ 14,641	\$ 18,164	\$ 17,696	\$ 17,590	\$ 16,643	\$ 20,472	\$ 105,205
Technology	\$ 5,358	\$ 7,709	\$ 8,685	\$ 6,456	\$ 5,916	\$ 5,999	\$ 40,123
<b>Total</b>	<b>\$ 55,506</b>	<b>\$ 63,954</b>	<b>\$ 64,519</b>	<b>\$ 62,421</b>	<b>\$ 65,360</b>	<b>\$ 67,965</b>	<b>\$ 379,725</b>

*\$ in thousands*

The 2012 expenditures included in the 2012-2017 CIP are roughly \$10.9 million lower than expenditures contemplated for 2012 in the 2011-2016 CIP, due to reductions and deferrals in investments in distribution, transmission, and support to various transportation projects, as described below.

**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.

Reductions in the **Distribution BCL** of \$5.6 million in 2012 and \$1.8 million in 2013 compared to the same years in the Adopted 2011-2016 CIP reflect the continued slowdown in real estate development, which has resulted in decreased demand for new taps. While this BCL will be the focus of many asset management investments by the Water Fund in the coming years, it is also part of the larger reprioritization of the CIP to maximize accomplishments within the Fund's financial limitations during the current economic conditions. Thus, many projects in this BCL have been deferred until later years, leading to reductions when compared to Endorsed Budget amounts.

**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

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customers. After the completion of the second Tolt Pipeline and repairs to the first Tolt Pipeline, this category of CIP expenditures has fallen sharply.

Reductions in the **Transmission BCL** of \$1.7 million in 2012 compared to the same year in the Adopted 2011-2016 CIP were due primarily to a shift in the timing of the Business Case presentation for the Cathodic Protection program to late 2011, which has affected the expected construction start date for that project.

**Watershed Stewardship:** Projects and programs in this program category improve protection of the City'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.

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 highest quality drinking 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 South Fork Tolt River Watershed can provide up to 100 million gallons of drinking water per day.

Increases of \$931,000 in 2012 and \$149,000 in 2013 in the **Watershed Stewardship BCL**, compared to the same years in the Adopted 2011-2016 CIP, occurred because all bridge projects in this BCL were previously removed pending Business Case approval within SPU. The Business Case has now been approved and a number of bridge projects are moving ahead. In addition, the 2012-2017 CIP proposes a new project to fund drainage and vegetation improvements along water transmission rights of way and in the Lake Youngs Reserve. This new project will improve water quality and reduce long term maintenance 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 for drinking purposes.

Consistent with the approach of closing out major CIP projects in the near term, there is an approved reduction of \$1.5 million in the **Water Quality & Treatment BCL** for 2012 compared to the same year in the Adopted 2011-2016 CIP. An increase of \$3.1 million in 2013 is due to a placeholder for any actions that may be needed to address structural needs for the reservoirs that have been identified and are being evaluated during 2011-2012.

**Water Resources:** The purpose of this program category is to manage water resources to meet anticipated demands at the supply-reliability standard and instream flow requirement, and to promote residential and commercial water conservation. 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.

The **Water Resources BCL** is \$847,000 higher in 2012 than was anticipated in the Adopted 2011-2016 CIP, largely because Council removed the Morse Lake Pump Plant project from the 2011-2016 CIP pending a final determination on project design. That decision has now been made, and the project is therefore included in the 2012-2017 CIP.

**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 Operations and Maintenance (O&M) activities in three areas: management of instream 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 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.

While the size of the **Habitat Conservation Program BCL** decreases over the course of the six-year CIP, an increase of \$676,000 in 2012, compared to the same year in the Adopted 2011-2016 CIP, appears largely because some costs in the Downstream Fish Habitat protection program were pushed from 2011 into 2012 due to limited land acquisition opportunities in 2011. A decrease of \$782,000 in 2013 was due to minor shifts in a number of different projects.

**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 2011, the Water program includes funding for utility relocations associated with several transportation-driven projects (e.g., the Alaskan Way Viaduct & Seawall Replacement, First Hill Streetcar, Bridging the Gap), Heavy Equipment Purchases, and Security, Facilities and Supervisory Control and Data Acquisition (SCADA) Improvements. SCADA uses technology to centrally monitor and control the drinking water system, including flow and pressure sensors, remote control pumps, and valves.

Reductions to the **Shared Cost Projects BCL** totaling \$3.8 million in 2012 and an increase of \$617,000 in 2013 compared to the same years in the Adopted 2011-2016 CIP are driven by the Alaskan Way Viaduct (AWV) program and the Landsburg Facilities Development project. The budget for AWV reflects the latest schedule and more refined cost estimates, which include design in 2011 for the seawall and bored tunnel portals and associated utility relocations, followed by construction in 2012. The budget for the Landsburg Facilities Development project decreased by \$1.7 million in 2012 due to delays in presentation of the Business Case which has affected project timing. In addition, the First Hill Streetcar project has been moved from the CIP to the Operating Budget given the Utility's capitalization guidelines.

**Technology:** This program category is presented in the separate "Technology CIP" section of SPU's 2012-2017 CIP. The 2012-2017 Adopted CIP reduces technology CIP spending by 10% annually, which is equivalent to a \$1.37 million reduction compared to the 2012 Endorsed Budget in the 2011-2016

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Adopted CIP. The Water Utility's share of the 2012 Technology CIP reduction is 52% or \$709,000, based on the Water 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/Asset Data Initiative), budget and financial management (Budget Planning and Forecasting, Financial Data Mart), customer service improvements (Web Application Redesign, online chat & contact tools), and project delivery (Enterprise Project Management System). Other technology investments will be cancelled or deferred as a result of this funding reduction, which is part of a set of initiatives intended to continue restraining costs across the utility.

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

When appropriate, the projects in the Water 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.

### **City Council Provisos to the CIP**

There are no Council provisos.



## Project Summary

BCL/Program Name/									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>Distribution</b>					<b>BCL/Program Code:</b>				<b>C110B</b>
Chamber Upgrades - Distribution (C1137)	684	26	26	26	27	27	28	28	870
Distribution System Improvements (C1128)	404	816	1,125	4,125	4,900	6,000	7,000	8,000	32,370
Distribution System In-Line Gate Valves (C1136)	114	765	306	312	318	108	110	113	2,147
Multiple Utility Relocation (C1133)	1,178	510	835	1,760	106	812	828	845	6,874
Pump Station Improvements (C1135)	77	79	510	520	531	541	552	563	3,373
Tank Improvements (C1134)	1,935	1,123	901	350	1,500	1	1	1	5,813
Water Infrastructure - Hydrant Replacement/Relocation (C1110)	4,221	177	410	419	427	362	368	318	6,701
Water Infrastructure - New Hydrants (C1112)	514	114	102	104	106	122	125	127	1,314
Water Infrastructure - New Taps (C1113)	78,387	7,650	4,080	4,162	4,245	4,330	4,416	4,416	111,686
Water Infrastructure - Service Renewal (C1109)	84,658	7,854	5,610	5,722	5,837	6,386	6,514	6,644	129,226
Water Infrastructure - Watermain Extensions (C1111)	11,971	612	663	676	796	812	828	845	17,203
Water Infrastructure-Seismic Upgrade Pipelines (C1102)	9,546	1	1	1	1	1	1	0	9,552
Watermain Rehabilitation (C1129)	5,104	765	626	1,601	1,601	3,248	3,313	3,379	19,638
<b>Distribution</b>	198,793	20,492	15,194	19,778	20,394	22,751	24,085	25,279	346,766
<b>Transmission</b>					<b>BCL/Program Code:</b>				<b>C120B</b>
Cathodic Protection Program (C1208)	586	357	632	1,665	1,698	1,732	1,767	1,802	10,238
Purveyor Meters Replace - SPU (C1206)	534	102	100	100	100	100	100	225	1,362
Replace Air Valve Chambers (C1209)	1,617	107	109	112	117	122	125	127	2,437
Transmission Pipelines Rehabilitation (C1207)	2,920	1,018	402	1,050	1,061	1,082	1,104	1,126	9,764
Water System Dewatering (C1205)	179	102	100	100	100	100	100	113	893
<b>Transmission</b>	5,837	1,686	1,343	3,027	3,076	3,137	3,195	3,393	24,694
<b>Watershed Stewardship</b>					<b>BCL/Program Code:</b>				<b>C130B</b>
Cedar Bridges (C1307)	465	0	625	150	0	0	0	0	1,240

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Cedar River - Boundary Land Acquisition (C1312)	368	265	180	235	129	0	0	0	1,177
Cedar River Watershed Cultural Resource Information Management System (C1315)	18	102	100	50	0	0	0	0	270
Endangered Species Act Snohomish River Basin (C1313)	292	53	0	0	0	0	0	0	345
Kerriston Road (C1314)	37	612	600	600	600	600	600	600	4,249
Muckleshoot Agreement Implementation Plan (C1309)	2,606	0	160	0	0	0	0	0	2,766
Tolt Watershed Restoration (C1310)	133	109	83	0	0	0	0	0	325
Transmission Right-of-Way Improvements (C1316)	0	0	80	0	0	0	0	0	80
<b>Watershed Stewardship</b>	3,918	1,142	1,828	1,035	729	600	600	600	10,451
<b>Water Quality &amp; Treatment</b>	<b>BCL/Program Code:</b>								<b>C140B</b>
Cedar Treatment Screening Improvements (C1415)	67	153	0	0	0	0	0	0	220
Landsburg Chlorination Upgrades (C1417)	0	20	255	728	1,204	1	0	0	2,209
Reservoir Covering - Beacon (C1408)	41,750	255	10	0	0	0	0	0	42,015
Reservoir Covering - Maple Leaf (C1411)	16,421	16,728	6,000	4,300	100	0	0	0	43,549
Reservoir Covering - Myrtle (C1410)	12,001	102	10	0	0	0	0	0	12,113
Reservoir Covering - Volunteer (C1407)	94	0	0	0	0	100	110	0	304
Reservoir Covering - West Seattle (C1409)	32,617	510	100	25	0	0	0	0	33,252
Treatment Facility/Water Quality Improvements (C1413)	179	102	100	100	100	100	100	113	894
Water Quality Equipment (C1414)	180	51	138	140	143	1	0	0	653
<b>Water Quality &amp; Treatment</b>	103,310	17,921	6,613	5,293	1,547	202	210	113	135,210
<b>Water Resources</b>	<b>BCL/Program Code:</b>								<b>C150B</b>
Dam Safety Program (C1506)	6,607	689	181	304	1,027	625	125	25	9,582
Morse Lake Pump Plant (C1508)	10,814	2,826	2,600	2,000	1,900	5,410	9,227	6,920	41,697
Regional Water Conservation Program (C1504)	14,412	3,366	1,887	1,925	1,963	2,002	2,043	2,083	29,681

*\*Amounts in thousands of dollars*

## 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Seattle Direct Service Additional Conservation (C1505)	4,664	663	663	676	690	704	718	732	9,509
Water Supply Flexibility Program (C1507)	191	0	25	644	3,163	0	0	0	4,024
Water System Plan - 2013 (C1509)	27	473	261	26	0	0	0	0	787
Water System Plan - 2019 (C1510)	0	0	0	0	0	0	110	541	651
<b>Water Resources</b>	36,715	8,016	5,617	5,576	8,743	8,741	12,223	10,301	95,931
<b>Habitat Conservation Program</b>	<b>BCL/Program Code:</b>								<b>C160B</b>
Ballard Locks Improvements (C1606)	1,059	8	0	0	1,362	0	0	0	2,430
Cedar Sockeye Hatchery (C1605)	9,145	5,669	320	45	35	9	0	0	15,223
Downstream Fish Habitat (C1607)	1,059	2,474	2,200	958	50	539	370	0	7,650
Instream Flow Management Studies (C1608)	1,616	516	200	200	200	470	468	200	3,869
Stream & Riparian Restoration (C1602)	6,212	375	442	403	411	316	316	269	8,745
Upland Reserve Forest Restoration (C1603)	6,162	599	588	588	588	588	290	275	9,676
Watershed Road Improvement/Decommissioning (C1601)	9,251	1,482	1,163	1,178	1,004	1,024	1,044	1,065	17,211
<b>Habitat Conservation Program</b>	34,505	11,123	4,913	3,372	3,649	2,945	2,489	1,809	64,804
<b>Shared Cost Projects</b>	<b>BCL/Program Code:</b>								<b>C410B</b>
1% for Art – WF (C4118-WF)	871	200	127	181	237	250	211	252	2,330
Alaskan Way Viaduct & Seawall Replacement Program - WF (C4102-WF)	2,992	3,216	1,694	3,381	2,607	2,222	1,395	343	17,850
Bridging the Gap - WF (C4119 -WF)	4,634	2,020	1,455	1,485	1,604	1,636	1,668	2,365	16,865
Emergency Storms - WF (C4120-WF)	51	51	50	50	50	50	50	0	352
First Hill Streetcar - WF (C4130-WF)	0	732	0	0	0	0	0	0	732
Heavy Equipment Purchases - WF (C4116-WF)	6,326	2,276	2,663	3,070	2,052	3,225	2,380	2,175	24,168
Integrated Control Monitoring Program - WF (C4108-WF)	7,294	582	465	485	485	480	450	400	10,641

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name/									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
Mercer Corridor Project East Phase - WF (C4114-WF)	706	800	600	602	0	0	0	0	2,708
Mercer Corridor Project West Phase - WF (C4133-WF)	7	251	364	627	108	0	0	0	1,357
Meter Replacement - WF (C4101-WF)	3,827	612	614	710	637	649	660	679	8,389
Operational Facility - Construction - WF (C4106-WF)	14,309	278	561	1,184	4,323	2,756	2,556	2,159	28,128
Operational Facility - Other - WF (C4115-WF)	12	379	339	276	21	0	0	0	1,027
Operations Control Center - WF (C4105-WF)	4,398	118	192	215	32	32	255	529	5,771
Other Major Transportation Projects - WF (C4123-WF)	7	20	372	260	265	54	55	0	1,034
Regional Facility - WF (C4107-WF)	2,515	1,961	2,682	3,329	3,148	4,196	4,962	9,550	32,343
Security Improvements - WF (C4113-WF)	4,270	1,441	2,000	2,000	2,000	2,000	2,000	2,019	17,729
Sound Transit - North Link - WF (C4135-WF)	0	0	88	88	0	0	0	0	175
Sound Transit - Water Betterment (C4125)	1,502	204	120	0	0	0	0	0	1,826
Sound Transit – University Link - WF (C4110-WF)	238	71	106	222	127	41	0	0	804
Spokane Street Viaduct - WF (C4134-WF)	4,471	70	150	0	0	0	0	0	4,691
<b>Shared Cost Projects</b>	58,432	15,282	14,641	18,164	17,696	17,590	16,643	20,472	178,918
<b>Technology</b>									<b>BCL/Program Code: C510B</b>
Asset Information Management (C5407)	721	1,640	2,281	1,594	1,310	1,072	1,072	1,093	10,783
Customer Contact & Billing (C5402)	0	547	744	3,725	4,536	2,296	1,616	1,648	15,110
Enterprise Information Management (C5403)	0	211	250	430	288	254	289	213	1,935
IT Infrastructure (C5404)	37	1,076	709	707	748	759	863	927	5,828
Project Delivery & Performance (C5405)	252	1,150	1,373	955	1,140	1,176	1,176	1,199	8,420
Science & System Performance (C5406)	0	147	0	298	662	900	900	918	3,826
<b>Technology</b>	1,011	4,770	5,358	7,709	8,685	6,456	5,916	5,999	45,903
<b>Department Total*:</b>	442,519	80,432	55,506	63,954	64,519	62,421	65,360	67,965	902,676

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program



**SPU-Water****Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Water Fund (43000)	442,519	80,432	55,506	63,954	64,519	62,421	65,360	67,965	902,676
<b>Department Total*:</b>	442,519	80,432	55,506	63,954	64,519	62,421	65,360	67,965	902,676

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**



**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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	871	200	127	181	237	250	211	252	2,330
<b>Total:</b>	871	200	127	181	237	250	211	252	2,330
<b>Fund Appropriations/Allocations</b>									
Water Fund	871	200	127	181	237	250	211	252	2,330
<b>Total*:</b>	871	200	127	181	237	250	211	252	2,330
<b>O &amp; M Costs (Savings)</b>			1	2	2	2	2	3	13
<b>Spending Plan by Fund</b>									
Water Fund		196	127	181	237	250	211	252	1,454
<b>Total:</b>		196	127	181	237	250	211	252	1,454

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	2,992	3,216	1,694	3,381	2,607	2,222	1,395	343	17,850
<b>Total:</b>	2,992	3,216	1,694	3,381	2,607	2,222	1,395	343	17,850
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,992	3,216	1,694	3,381	2,607	2,222	1,395	343	17,850
<b>Total*:</b>	2,992	3,216	1,694	3,381	2,607	2,222	1,395	343	17,850
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		3,589	2,015	3,381	2,607	2,222	1,395	343	15,551
<b>Total:</b>		3,589	2,015	3,381	2,607	2,222	1,395	343	15,551

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**2012 - 2017 Adopted 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>	Q4/2014
<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. No work is currently planned for the 2012-2013 timeframe. This program is a requirement of the Cedar River Habitat Conservation Plan (HCP.)

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	1,059	8	0	0	1,362	0	0	0	2,430
<b>Total:</b>	1,059	8	0	0	1,362	0	0	0	2,430
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,059	8	0	0	1,362	0	0	0	2,430
<b>Total*:</b>	1,059	8	0	0	1,362	0	0	0	2,430
<b>O &amp; M Costs (Savings)</b>			0	0	0	19	19	19	56
<b>Spending Plan by Fund</b>									
Water Fund		8	0	0	1,362	0	0	0	1,370
<b>Total:</b>		8	0	0	1,362	0	0	0	1,370

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**2012 - 2017 Adopted 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>	Q4/2017
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	4,634	2,020	1,455	1,485	1,604	1,636	1,668	2,365	16,865
<b>Total:</b>	4,634	2,020	1,455	1,485	1,604	1,636	1,668	2,365	16,865
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,634	2,020	1,455	1,485	1,604	1,636	1,668	2,365	16,865
<b>Total*:</b>	4,634	2,020	1,455	1,485	1,604	1,636	1,668	2,365	16,865
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		1,800	1,455	1,485	1,604	1,636	1,668	2,365	12,012
<b>Total:</b>		1,800	1,455	1,485	1,604	1,636	1,668	2,365	12,012

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	586	357	632	1,665	1,698	1,732	1,767	1,802	10,238
<b>Total:</b>	586	357	632	1,665	1,698	1,732	1,767	1,802	10,238
<b>Fund Appropriations/Allocations</b>									
Water Fund	586	357	632	1,665	1,698	1,732	1,767	1,802	10,238
<b>Total*:</b>	586	357	632	1,665	1,698	1,732	1,767	1,802	10,238
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		350	632	1,665	1,698	1,732	1,767	1,802	9,645
<b>Total:</b>		350	632	1,665	1,698	1,732	1,767	1,802	9,645

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	465	0	625	150	0	0	0	0	1,240
<b>Total:</b>	465	0	625	150	0	0	0	0	1,240
<b>Fund Appropriations/Allocations</b>									
Water Fund	465	0	625	150	0	0	0	0	1,240
<b>Total*:</b>	465	0	625	150	0	0	0	0	1,240
<b>O &amp; M Costs (Savings)</b>			0	0	12	12	12	12	50
<b>Spending Plan by Fund</b>									
Water Fund		120	625	150	0	0	0	0	895
<b>Total:</b>		120	625	150	0	0	0	0	895

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**2012 - 2017 Adopted 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 2015-2017.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	368	265	180	235	129	0	0	0	1,177
<b>Total:</b>	368	265	180	235	129	0	0	0	1,177
<b>Fund Appropriations/Allocations</b>									
Water Fund	368	265	180	235	129	0	0	0	1,177
<b>Total*:</b>	368	265	180	235	129	0	0	0	1,177
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		10	180	235	129	0	0	0	554
<b>Total:</b>		10	180	235	129	0	0	0	554

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

**2012 - 2017 Adopted Capital Improvement Program**

**Cedar River Watershed Cultural Resource Information Management System**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1315	<b>End Date:</b>	Q4/2013
<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 provides a comprehensive information management system to preserve and archive archaeological artifacts from the Cedar River and South Fork Tolt River Municipal Watersheds housed in the Gale Archives at the Cedar River Watershed Education Center. It also enhances accessibility, protection, and security for irreplaceable cultural resources and artifacts held in trust for Native Tribes, as well as other historic artifacts and historic documents as part of SPU's watershed stewardship mandate.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	18	102	100	50	0	0	0	0	270
<b>Total:</b>	18	102	100	50	0	0	0	0	270
<b>Fund Appropriations/Allocations</b>									
Water Fund	18	102	100	50	0	0	0	0	270
<b>Total*:</b>	18	102	100	50	0	0	0	0	270
<b>O &amp; M Costs (Savings)</b>			0	0	3	3	3	3	11
<b>Spending Plan by Fund</b>									
Water Fund		100	100	50	0	0	0	0	250
<b>Total:</b>		100	100	50	0	0	0	0	250

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

**2012 - 2017 Adopted 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>	Q3/2014
<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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	9,145	5,669	320	45	35	9	0	0	15,223
<b>Total:</b>	9,145	5,669	320	45	35	9	0	0	15,223
<b>Fund Appropriations/Allocations</b>									
Water Fund	9,145	5,669	320	45	35	9	0	0	15,223
<b>Total*:</b>	9,145	5,669	320	45	35	9	0	0	15,223
<b>O &amp; M Costs (Savings)</b>			0	197	197	197	197	197	983
<b>Spending Plan by Fund</b>									
Water Fund		7,055	320	45	35	0	0	0	7,455
<b>Total:</b>		7,055	320	45	35	0	0	0	7,455

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

**2012 - 2017 Adopted 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 2012-2017 timeframe but as projects are identified, necessary funding will be requested.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	67	153	0	0	0	0	0	0	220
<b>Total:</b>	67	153	0	0	0	0	0	0	220
<b>Fund Appropriations/Allocations</b>									
Water Fund	67	153	0	0	0	0	0	0	220
<b>Total*:</b>	67	153	0	0	0	0	0	0	220
<b>O &amp; M Costs (Savings)</b>			0	0	15	15	15	0	44
<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

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	684	26	26	26	27	27	28	28	870
<b>Total:</b>	684	26	26	26	27	27	28	28	870
<b>Fund Appropriations/Allocations</b>									
Water Fund	684	26	26	26	27	27	28	28	870
<b>Total*:</b>	684	26	26	26	27	27	28	28	870
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	61
<b>Spending Plan by Fund</b>									
Water Fund		25	26	26	27	27	28	28	186
<b>Total:</b>		25	26	26	27	27	28	28	186

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	6,607	689	181	304	1,027	625	125	25	9,582
<b>Total:</b>	6,607	689	181	304	1,027	625	125	25	9,582
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,607	689	181	304	1,027	625	125	25	9,582
<b>Total*:</b>	6,607	689	181	304	1,027	625	125	25	9,582
<b>O &amp; M Costs (Savings)</b>			96	96	96	96	96	96	575
<b>Spending Plan by Fund</b>									
Water Fund		325	181	304	1,027	625	125	25	2,611
<b>Total:</b>		325	181	304	1,027	625	125	25	2,611

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	404	816	1,125	4,125	4,900	6,000	7,000	8,000	32,370
<b>Total:</b>	404	816	1,125	4,125	4,900	6,000	7,000	8,000	32,370
<b>Fund Appropriations/Allocations</b>									
Water Fund	404	816	1,125	4,125	4,900	6,000	7,000	8,000	32,370
<b>Total*:</b>	404	816	1,125	4,125	4,900	6,000	7,000	8,000	32,370
<b>O &amp; M Costs (Savings)</b>			50	50	50	50	50	50	300
<b>Spending Plan by Fund</b>									
Water Fund		1,080	1,125	4,125	4,900	6,000	7,000	8,000	32,230
<b>Total:</b>		1,080	1,125	4,125	4,900	6,000	7,000	8,000	32,230

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	114	765	306	312	318	108	110	113	2,147
<b>Total:</b>	114	765	306	312	318	108	110	113	2,147
<b>Fund Appropriations/Allocations</b>									
Water Fund	114	765	306	312	318	108	110	113	2,147
<b>Total*:</b>	114	765	306	312	318	108	110	113	2,147
<b>O &amp; M Costs (Savings)</b>			31	31	31	31	31	31	184
<b>Spending Plan by Fund</b>									
Water Fund		750	306	312	318	108	110	113	2,018
<b>Total:</b>		750	306	312	318	108	110	113	2,018

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**2012 - 2017 Adopted 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 2017. This program is a requirement of the Cedar River Habitat Conservation Plan (HCP.)

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	1,059	2,474	2,200	958	50	539	370	0	7,650
<b>Total:</b>	1,059	2,474	2,200	958	50	539	370	0	7,650
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,059	2,474	2,200	958	50	539	370	0	7,650
<b>Total*:</b>	1,059	2,474	2,200	958	50	539	370	0	7,650
<b>O &amp; M Costs (Savings)</b>			76	76	76	76	76	76	459
<b>Spending Plan by Fund</b>									
Water Fund		2,425	2,200	958	50	539	370	0	6,542
<b>Total:</b>		2,425	2,200	958	50	539	370	0	6,542

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	51	51	50	50	50	50	50	0	352
<b>Total:</b>	51	51	50	50	50	50	50	0	352
<b>Fund Appropriations/Allocations</b>									
Water Fund	51	51	50	50	50	50	50	0	352
<b>Total*:</b>	51	51	50	50	50	50	50	0	352
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	6
<b>Spending Plan by Fund</b>									
Water Fund		50	50	50	50	50	50	0	300
<b>Total:</b>		50	50	50	50	50	50	0	300

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**2012 - 2017 Adopted Capital Improvement Program**

**Endangered Species Act Snohomish River Basin**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2000
<b>Project ID:</b>	C1313	<b>End Date:</b>	Q4/2011
<b>Location:</b>	Lower Tolt River		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood 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 acquires and permanently protects critical stream habitat for Chinook and other salmon in the Lower Tolt River. The program is coordinated with similar efforts by Seattle City Light in the lower Tolt River basin. Similar to the Endangered Species Act (ESA) Tolt Levee Modifications Project, this project is a component of the ESA Early Action Response Program.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	292	53	0	0	0	0	0	0	345
<b>Total:</b>	292	53	0	0	0	0	0	0	345
<b>Fund Appropriations/Allocations</b>									
Water Fund	292	53	0	0	0	0	0	0	345
<b>Total*:</b>	292	53	0	0	0	0	0	0	345
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	0	17
<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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**2012 - 2017 Adopted 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 2012-2017 timeframe but if they are, necessary funding will be requested.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	0	732	0	0	0	0	0	0	732
<b>Total:</b>	0	732	0	0	0	0	0	0	732
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	732	0	0	0	0	0	0	732
<b>Total*:</b>	0	732	0	0	0	0	0	0	732
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		717	0	0	0	0	0	0	717
<b>Total:</b>		717	0	0	0	0	0	0	717

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	6,326	2,276	2,663	3,070	2,052	3,225	2,380	2,175	24,168
<b>Total:</b>	6,326	2,276	2,663	3,070	2,052	3,225	2,380	2,175	24,168
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,326	2,276	2,663	3,070	2,052	3,225	2,380	2,175	24,168
<b>Total*:</b>	6,326	2,276	2,663	3,070	2,052	3,225	2,380	2,175	24,168
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		1,406	2,663	3,070	2,052	3,225	2,380	2,175	16,971
<b>Total:</b>		1,406	2,663	3,070	2,052	3,225	2,380	2,175	16,971

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**2012 - 2017 Adopted 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>	Q4/2017
<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 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.)

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	1,616	516	200	200	200	470	468	200	3,869
<b>Total:</b>	1,616	516	200	200	200	470	468	200	3,869
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,616	516	200	200	200	470	468	200	3,869
<b>Total*:</b>	1,616	516	200	200	200	470	468	200	3,869
<b>O &amp; M Costs (Savings)</b>			53	53	53	53	53	53	321
<b>Spending Plan by Fund</b>									
Water Fund		506	200	200	200	470	468	200	2,243
<b>Total:</b>		506	200	200	200	470	468	200	2,243

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**2012 - 2017 Adopted 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."

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	7,294	582	465	485	485	480	450	400	10,641
<b>Total:</b>	7,294	582	465	485	485	480	450	400	10,641
<b>Fund Appropriations/Allocations</b>									
Water Fund	7,294	582	465	485	485	480	450	400	10,641
<b>Total*:</b>	7,294	582	465	485	485	480	450	400	10,641
<b>O &amp; M Costs (Savings)</b>			105	105	105	105	105	105	631
<b>Spending Plan by Fund</b>									
Water Fund		399	465	485	485	480	450	400	3,164
<b>Total:</b>		399	465	485	485	480	450	400	3,164

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

**2012 - 2017 Adopted Capital Improvement Program**

**Kerriston Road**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	C1314	<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 project acquires properties adjacent to the lower Cedar River Municipal Watershed that are accessed via Kerriston Road which runs through the lower municipal watershed. Acquisition of these lands minimizes the risk to water quality from access through the watershed by the public.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	37	612	600	600	600	600	600	600	4,249
<b>Total:</b>	37	612	600	600	600	600	600	600	4,249
<b>Fund Appropriations/Allocations</b>									
Water Fund	37	612	600	600	600	600	600	600	4,249
<b>Total*:</b>	37	612	600	600	600	600	600	600	4,249
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		1,200	600	600	600	600	600	600	4,800
<b>Total:</b>		1,200	600	600	600	600	600	600	4,800

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**2012 - 2017 Adopted 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>	Q4/2015
<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	0	20	255	728	1,204	1	0	0	2,209
<b>Total:</b>	0	20	255	728	1,204	1	0	0	2,209
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	20	255	728	1,204	1	0	0	2,209
<b>Total*:</b>	0	20	255	728	1,204	1	0	0	2,209
<b>O &amp; M Costs (Savings)</b>			0	0	0	63	31	31	125
<b>Spending Plan by Fund</b>									
Water Fund		20	255	728	1,204	1	0	0	2,209
<b>Total:</b>		20	255	728	1,204	1	0	0	2,209

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	706	800	600	602	0	0	0	0	2,708
<b>Total:</b>	706	800	600	602	0	0	0	0	2,708
<b>Fund Appropriations/Allocations</b>									
Water Fund	706	800	600	602	0	0	0	0	2,708
<b>Total*:</b>	706	800	600	602	0	0	0	0	2,708
<b>O &amp; M Costs (Savings)</b>			0	0	29	29	29	29	116
<b>Spending Plan by Fund</b>									
Water Fund		784	600	511	0	0	0	0	1,896
<b>Total:</b>		784	600	511	0	0	0	0	1,896

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

**2012 - 2017 Adopted 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>	Q4/2014
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	7	251	364	627	108	0	0	0	1,357
<b>Total:</b>	7	251	364	627	108	0	0	0	1,357
<b>Fund Appropriations/Allocations</b>									
Water Fund	7	251	364	627	108	0	0	0	1,357
<b>Total*:</b>	7	251	364	627	108	0	0	0	1,357
<b>O &amp; M Costs (Savings)</b>			0	0	0	14	14	14	41
<b>Spending Plan by Fund</b>									
Water Fund		246	364	627	108	0	0	0	1,345
<b>Total:</b>		246	364	627	108	0	0	0	1,345

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	3,827	612	614	710	637	649	660	679	8,389
<b>Total:</b>	3,827	612	614	710	637	649	660	679	8,389
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,827	612	614	710	637	649	660	679	8,389
<b>Total*:</b>	3,827	612	614	710	637	649	660	679	8,389
<b>O &amp; M Costs (Savings)</b>			84	84	84	84	84	84	503
<b>Spending Plan by Fund</b>									
Water Fund		600	614	710	637	649	660	679	4,550
<b>Total:</b>		600	614	710	637	649	660	679	4,550

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**2012 - 2017 Adopted 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-2011 costs are deferred costs that will be amortized over ten years.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	10,814	2,826	2,600	2,000	1,900	5,410	9,227	6,920	41,697
<b>Total:</b>	10,814	2,826	2,600	2,000	1,900	5,410	9,227	6,920	41,697
<b>Fund Appropriations/Allocations</b>									
Water Fund	10,814	2,826	2,600	2,000	1,900	5,410	9,227	6,920	41,697
<b>Total*:</b>	10,814	2,826	2,600	2,000	1,900	5,410	9,227	6,920	41,697
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		5,300	2,600	2,000	1,900	5,410	9,227	6,920	33,357
<b>Total:</b>		5,300	2,600	2,000	1,900	5,410	9,227	6,920	33,357

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**2012 - 2017 Adopted Capital Improvement Program**

**Muckleshoot Agreement Implementation Plan**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1309	<b>End Date:</b>	Q4/2012
<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 supports implementation of specific provisions of the Muckleshoot Indian Tribe (MIT) Settlement Agreement with the City authorized by City of Seattle Ordinance 122131. This commitment may include, but is not limited to, land transfer, implementation management, trail access improvements, and development of an information management system for new access protocols for tribal access into the closed Cedar River Municipal Watershed.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	2,606	0	160	0	0	0	0	0	2,766
<b>Total:</b>	2,606	0	160	0	0	0	0	0	2,766
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,606	0	160	0	0	0	0	0	2,766
<b>Total*:</b>	2,606	0	160	0	0	0	0	0	2,766
<b>O &amp; M Costs (Savings)</b>			118	122	127	131	135	139	772

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	1,178	510	835	1,760	106	812	828	845	6,874
<b>Total:</b>	1,178	510	835	1,760	106	812	828	845	6,874
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,178	510	835	1,760	106	812	828	845	6,874
<b>Total*:</b>	1,178	510	835	1,760	106	812	828	845	6,874
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	0	50
<b>Spending Plan by Fund</b>									
Water Fund		562	835	1,760	106	812	828	845	5,748
<b>Total:</b>		562	835	1,760	106	812	828	845	5,748

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	14,309	278	561	1,184	4,323	2,756	2,556	2,159	28,128
<b>Total:</b>	14,309	278	561	1,184	4,323	2,756	2,556	2,159	28,128
<b>Fund Appropriations/Allocations</b>									
Water Fund	14,309	278	561	1,184	4,323	2,756	2,556	2,159	28,128
<b>Total*:</b>	14,309	278	561	1,184	4,323	2,756	2,556	2,159	28,128
<b>O &amp; M Costs (Savings)</b>			281	281	281	281	281	281	1,688
<b>Spending Plan by Fund</b>									
Water Fund		273	561	1,184	4,323	2,756	2,556	2,159	13,812
<b>Total:</b>		273	561	1,184	4,323	2,756	2,556	2,159	13,812

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**2012 - 2017 Adopted 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 2014. As future projects are identified, necessary funding will be requested.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	12	379	339	276	21	0	0	0	1,027
<b>Total:</b>	12	379	339	276	21	0	0	0	1,027
<b>Fund Appropriations/Allocations</b>									
Water Fund	12	379	339	276	21	0	0	0	1,027
<b>Total*:</b>	12	379	339	276	21	0	0	0	1,027
<b>O &amp; M Costs (Savings)</b>			17	17	17	17	17	17	99
<b>Spending Plan by Fund</b>									
Water Fund		200	339	276	21	0	0	0	836
<b>Total:</b>		200	339	276	21	0	0	0	836

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	4,398	118	192	215	32	32	255	529	5,771
<b>Total:</b>	4,398	118	192	215	32	32	255	529	5,771
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,398	118	192	215	32	32	255	529	5,771
<b>Total*:</b>	4,398	118	192	215	32	32	255	529	5,771
<b>O &amp; M Costs (Savings)</b>			52	52	52	52	52	0	259
<b>Spending Plan by Fund</b>									
Water Fund		165	192	215	32	32	255	529	1,420
<b>Total:</b>		165	192	215	32	32	255	529	1,420

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	7	20	372	260	265	54	55	0	1,034
<b>Total:</b>	7	20	372	260	265	54	55	0	1,034
<b>Fund Appropriations/Allocations</b>									
Water Fund	7	20	372	260	265	54	55	0	1,034
<b>Total*:</b>	7	20	372	260	265	54	55	0	1,034
<b>O &amp; M Costs (Savings)</b>			7	7	7	7	7	7	43
<b>Spending Plan by Fund</b>									
Water Fund		20	51	260	265	54	55	0	706
<b>Total:</b>		20	51	260	265	54	55	0	706

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	77	79	510	520	531	541	552	563	3,373
<b>Total:</b>	77	79	510	520	531	541	552	563	3,373
<b>Fund Appropriations/Allocations</b>									
Water Fund	77	79	510	520	531	541	552	563	3,373
<b>Total*:</b>	77	79	510	520	531	541	552	563	3,373
<b>O &amp; M Costs (Savings)</b>			34	34	34	34	34	34	203
<b>Spending Plan by Fund</b>									
Water Fund		274	510	520	531	541	552	563	3,491
<b>Total:</b>		274	510	520	531	541	552	563	3,491

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	534	102	100	100	100	100	100	225	1,362
<b>Total:</b>	534	102	100	100	100	100	100	225	1,362
<b>Fund Appropriations/Allocations</b>									
Water Fund	534	102	100	100	100	100	100	225	1,362
<b>Total*:</b>	534	102	100	100	100	100	100	225	1,362
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	55
<b>Spending Plan by Fund</b>									
Water Fund		201	100	100	100	100	100	225	926
<b>Total:</b>		201	100	100	100	100	100	225	926

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	2,515	1,961	2,682	3,329	3,148	4,196	4,962	9,550	32,343
<b>Total:</b>	2,515	1,961	2,682	3,329	3,148	4,196	4,962	9,550	32,343
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,515	1,961	2,682	3,329	3,148	4,196	4,962	9,550	32,343
<b>Total*:</b>	2,515	1,961	2,682	3,329	3,148	4,196	4,962	9,550	32,343
<b>O &amp; M Costs (Savings)</b>			323	323	323	323	323	323	1,941
<b>Spending Plan by Fund</b>									
Water Fund		1,336	2,682	3,329	3,148	4,196	4,962	9,550	29,202
<b>Total:</b>		1,336	2,682	3,329	3,148	4,196	4,962	9,550	29,202

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	14,412	3,366	1,887	1,925	1,963	2,002	2,043	2,083	29,681
<b>Total:</b>	14,412	3,366	1,887	1,925	1,963	2,002	2,043	2,083	29,681
<b>Fund Appropriations/Allocations</b>									
Water Fund	14,412	3,366	1,887	1,925	1,963	2,002	2,043	2,083	29,681
<b>Total*:</b>	14,412	3,366	1,887	1,925	1,963	2,002	2,043	2,083	29,681
<b>O &amp; M Costs (Savings)</b>			518	527	522	522	522	522	3,133
<b>Spending Plan by Fund</b>									
Water Fund		1,850	1,887	1,925	1,963	2,002	2,043	2,083	13,753
<b>Total:</b>		1,850	1,887	1,925	1,963	2,002	2,043	2,083	13,753

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	1,617	107	109	112	117	122	125	127	2,437
<b>Total:</b>	1,617	107	109	112	117	122	125	127	2,437
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,617	107	109	112	117	122	125	127	2,437
<b>Total*:</b>	1,617	107	109	112	117	122	125	127	2,437
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		105	109	112	117	122	125	127	818
<b>Total:</b>		105	109	112	117	122	125	127	818

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

**2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	41,750	255	10	0	0	0	0	0	42,015
<b>Total:</b>	41,750	255	10	0	0	0	0	0	42,015
<b>Fund Appropriations/Allocations</b>									
Water Fund	41,750	255	10	0	0	0	0	0	42,015
<b>Total*:</b>	41,750	255	10	0	0	0	0	0	42,015
<b>O &amp; M Costs (Savings)</b>			0	420	420	420	420	420	2,101
<b>Spending Plan by Fund</b>									
Water Fund		50	10	0	0	0	0	0	60
<b>Total:</b>		50	10	0	0	0	0	0	60

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

**2012 - 2017 Adopted 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>	Q2/2014
<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>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	16,421	16,728	6,000	4,300	100	0	0	0	43,549
<b>Total:</b>	16,421	16,728	6,000	4,300	100	0	0	0	43,549
<b>Fund Appropriations/Allocations</b>									
Water Fund	16,421	16,728	6,000	4,300	100	0	0	0	43,549
<b>Total*:</b>	16,421	16,728	6,000	4,300	100	0	0	0	43,549
<b>O &amp; M Costs (Savings)</b>			0	0	0	435	435	435	1,306
<b>Spending Plan by Fund</b>									
Water Fund		14,400	6,000	4,300	100	0	0	0	24,800
<b>Total:</b>		14,400	6,000	4,300	100	0	0	0	24,800

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**2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	12,001	102	10	0	0	0	0	0	12,113
<b>Total:</b>	12,001	102	10	0	0	0	0	0	12,113
<b>Fund Appropriations/Allocations</b>									
Water Fund	12,001	102	10	0	0	0	0	0	12,113
<b>Total*:</b>	12,001	102	10	0	0	0	0	0	12,113
<b>O &amp; M Costs (Savings)</b>			0	121	121	121	121	121	606
<b>Spending Plan by Fund</b>									
Water Fund		25	10	0	0	0	0	0	35
<b>Total:</b>		25	10	0	0	0	0	0	35

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**2012 - 2017 Adopted 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>	Q2/2016
<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. 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 2012 and 2014. 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	94	0	0	0	0	100	110	0	304
<b>Total:</b>	94	0	0	0	0	100	110	0	304
<b>Fund Appropriations/Allocations</b>									
Water Fund	94	0	0	0	0	100	110	0	304
<b>Total*:</b>	94	0	0	0	0	100	110	0	304
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	3	3
<b>Spending Plan by Fund</b>									
Water Fund		54	0	0	0	100	110	0	264
<b>Total:</b>		54	0	0	0	100	110	0	264

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**2012 - 2017 Adopted 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>	Q1/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	32,617	510	100	25	0	0	0	0	33,252
<b>Total:</b>	32,617	510	100	25	0	0	0	0	33,252
<b>Fund Appropriations/Allocations</b>									
Water Fund	32,617	510	100	25	0	0	0	0	33,252
<b>Total*:</b>	32,617	510	100	25	0	0	0	0	33,252
<b>O &amp; M Costs (Savings)</b>			0	0	333	333	333	333	1,330
<b>Spending Plan by Fund</b>									
Water Fund		400	100	25	0	0	0	0	525
<b>Total:</b>		400	100	25	0	0	0	0	525

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	4,664	663	663	676	690	704	718	732	9,509
<b>Total:</b>	4,664	663	663	676	690	704	718	732	9,509
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,664	663	663	676	690	704	718	732	9,509
<b>Total*:</b>	4,664	663	663	676	690	704	718	732	9,509
<b>O &amp; M Costs (Savings)</b>			95	95	95	95	95	95	571
<b>Spending Plan by Fund</b>									
Water Fund		650	663	676	690	704	718	732	4,832
<b>Total:</b>		650	663	676	690	704	718	732	4,832

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	4,270	1,441	2,000	2,000	2,000	2,000	2,000	2,019	17,729
<b>Total:</b>	4,270	1,441	2,000	2,000	2,000	2,000	2,000	2,019	17,729
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,270	1,441	2,000	2,000	2,000	2,000	2,000	2,019	17,729
<b>Total*:</b>	4,270	1,441	2,000	2,000	2,000	2,000	2,000	2,019	17,729
<b>O &amp; M Costs (Savings)</b>			177	177	177	177	177	177	1,064
<b>Spending Plan by Fund</b>									
Water Fund		1,413	2,000	2,000	2,000	2,000	2,000	2,019	13,430
<b>Total:</b>		1,413	2,000	2,000	2,000	2,000	2,000	2,019	13,430

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**2012 - 2017 Adopted 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. Amounts shown are for the design phase only; budget for the construction phase will be included in future budget submittals.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	0	0	88	88	0	0	0	0	175
<b>Total:</b>	0	0	88	88	0	0	0	0	175
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	88	88	0	0	0	0	175
<b>Total*:</b>	0	0	88	88	0	0	0	0	175

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

**2012 - 2017 Adopted 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 watermain 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	1,502	204	120	0	0	0	0	0	1,826
<b>Total:</b>	1,502	204	120	0	0	0	0	0	1,826
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,502	204	120	0	0	0	0	0	1,826
<b>Total*:</b>	1,502	204	120	0	0	0	0	0	1,826
<b>O &amp; M Costs (Savings)</b>			0	18	18	18	18	18	91
<b>Spending Plan by Fund</b>									
Water Fund		200	120	0	0	0	0	0	320
<b>Total:</b>		200	120	0	0	0	0	0	320

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

**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	238	71	106	222	127	41	0	0	804
<b>Total:</b>	238	71	106	222	127	41	0	0	804
<b>Fund Appropriations/Allocations</b>									
Water Fund	238	71	106	222	127	41	0	0	804
<b>Total*:</b>	238	71	106	222	127	41	0	0	804
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	8	8	16
<b>Spending Plan by Fund</b>									
Water Fund		69	106	222	127	41	0	0	565
<b>Total:</b>		69	106	222	127	41	0	0	565

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**2012 - 2017 Adopted Capital Improvement Program**

**Spokane Street Viaduct - 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>	Q1/2007
<b>Project ID:</b>	C4134-WF	<b>End Date:</b>	Q4/2012
<b>Location:</b>	Spokane St Viaduct		
<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>	West Seattle Junction

In mid-2008, SDOT began construction of the new 4th Avenue South off ramp from the South Spokane Street Viaduct. SPU must relocate approximately 600 linear feet of 30" watermain between the BNSF railroad tracks and 4th Avenue South to make way for the new ramp. SPU is expected to complete the relocation project in time to allow the SDOT project to be built on schedule. SPU will design, advertise and construct the relocations in a separate contract from the SDOT project.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	4,471	70	150	0	0	0	0	0	4,691
<b>Total:</b>	4,471	70	150	0	0	0	0	0	4,691
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,471	70	150	0	0	0	0	0	4,691
<b>Total*:</b>	4,471	70	150	0	0	0	0	0	4,691
<b>O &amp; M Costs (Savings)</b>			22	22	22	22	22	22	133
<b>Spending Plan by Fund</b>									
Water Fund		569	150	0	0	0	0	0	719
<b>Total:</b>		569	150	0	0	0	0	0	719

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

**2012 - 2017 Adopted 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.)

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	6,212	375	442	403	411	316	316	269	8,745
<b>Total:</b>	6,212	375	442	403	411	316	316	269	8,745
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,212	375	442	403	411	316	316	269	8,745
<b>Total*:</b>	6,212	375	442	403	411	316	316	269	8,745
<b>O &amp; M Costs (Savings)</b>			87	87	87	87	87	87	525
<b>Spending Plan by Fund</b>									
Water Fund		447	442	403	411	316	316	269	2,605
<b>Total:</b>		447	442	403	411	316	316	269	2,605

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	1,935	1,123	901	350	1,500	1	1	1	5,813
<b>Total:</b>	1,935	1,123	901	350	1,500	1	1	1	5,813
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,935	1,123	901	350	1,500	1	1	1	5,813
<b>Total*:</b>	1,935	1,123	901	350	1,500	1	1	1	5,813
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		1,774	901	350	1,500	1	1	1	4,528
<b>Total:</b>		1,774	901	350	1,500	1	1	1	4,528

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**2012 - 2017 Adopted 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>	Q4/2012
<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, improves roads for access to restoration areas, and watershed security and protection improvements 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. Restoration and improvements are based upon recommendations of the 2008 Tolt Watershed Management Plan.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	133	109	83	0	0	0	0	0	325
<b>Total:</b>	133	109	83	0	0	0	0	0	325
<b>Fund Appropriations/Allocations</b>									
Water Fund	133	109	83	0	0	0	0	0	325
<b>Total*:</b>	133	109	83	0	0	0	0	0	325
<b>O &amp; M Costs (Savings)</b>			0	5	5	5	5	5	26
<b>Spending Plan by Fund</b>									
Water Fund		107	83	0	0	0	0	0	190
<b>Total:</b>		107	83	0	0	0	0	0	190

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**2012 - 2017 Adopted 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).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	2,920	1,018	402	1,050	1,061	1,082	1,104	1,126	9,764
<b>Total:</b>	2,920	1,018	402	1,050	1,061	1,082	1,104	1,126	9,764
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,920	1,018	402	1,050	1,061	1,082	1,104	1,126	9,764
<b>Total*:</b>	2,920	1,018	402	1,050	1,061	1,082	1,104	1,126	9,764
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		824	402	1,050	1,061	1,082	1,104	1,126	6,650
<b>Total:</b>		824	402	1,050	1,061	1,082	1,104	1,126	6,650

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**2012 - 2017 Adopted 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>	Q4/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	0	0	80	0	0	0	0	0	80
<b>Total:</b>	0	0	80	0	0	0	0	0	80
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	80	0	0	0	0	0	80
<b>Total*:</b>	0	0	80	0	0	0	0	0	80
<b>O &amp; M Costs (Savings)</b>			0	1	1	1	1	1	4

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	179	102	100	100	100	100	100	113	894
<b>Total:</b>	179	102	100	100	100	100	100	113	894
<b>Fund Appropriations/Allocations</b>									
Water Fund	179	102	100	100	100	100	100	113	894
<b>Total*:</b>	179	102	100	100	100	100	100	113	894
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	54
<b>Spending Plan by Fund</b>									
Water Fund		100	100	100	100	100	100	113	713
<b>Total:</b>		100	100	100	100	100	100	113	713

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**2012 - 2017 Adopted 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>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	6,162	599	588	588	588	588	290	275	9,676
<b>Total:</b>	6,162	599	588	588	588	588	290	275	9,676
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,162	599	588	588	588	588	290	275	9,676
<b>Total*:</b>	6,162	599	588	588	588	588	290	275	9,676
<b>O &amp; M Costs (Savings)</b>			97	97	97	97	97	97	581
<b>Spending Plan by Fund</b>									
Water Fund		567	588	588	588	588	290	275	3,482
<b>Total:</b>		567	588	588	588	588	290	275	3,482

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	4,221	177	410	419	427	362	368	318	6,701
<b>Total:</b>	4,221	177	410	419	427	362	368	318	6,701
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,221	177	410	419	427	362	368	318	6,701
<b>Total*:</b>	4,221	177	410	419	427	362	368	318	6,701
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		159	410	419	427	362	368	318	2,462
<b>Total:</b>		159	410	419	427	362	368	318	2,462

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	514	114	102	104	106	122	125	127	1,314
<b>Total:</b>	514	114	102	104	106	122	125	127	1,314
<b>Fund Appropriations/Allocations</b>									
Water Fund	514	114	102	104	106	122	125	127	1,314
<b>Total*:</b>	514	114	102	104	106	122	125	127	1,314
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	62
<b>Spending Plan by Fund</b>									
Water Fund		112	102	104	106	122	125	127	799
<b>Total:</b>		112	102	104	106	122	125	127	799

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	78,387	7,650	4,080	4,162	4,245	4,330	4,416	4,416	111,686
<b>Total:</b>	78,387	7,650	4,080	4,162	4,245	4,330	4,416	4,416	111,686
<b>Fund Appropriations/Allocations</b>									
Water Fund	78,387	7,650	4,080	4,162	4,245	4,330	4,416	4,416	111,686
<b>Total*:</b>	78,387	7,650	4,080	4,162	4,245	4,330	4,416	4,416	111,686
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		7,500	4,080	4,162	4,245	4,330	4,416	4,416	33,149
<b>Total:</b>		7,500	4,080	4,162	4,245	4,330	4,416	4,416	33,149

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	84,658	7,854	5,610	5,722	5,837	6,386	6,514	6,644	129,226
<b>Total:</b>	84,658	7,854	5,610	5,722	5,837	6,386	6,514	6,644	129,226
<b>Fund Appropriations/Allocations</b>									
Water Fund	84,658	7,854	5,610	5,722	5,837	6,386	6,514	6,644	129,226
<b>Total*:</b>	84,658	7,854	5,610	5,722	5,837	6,386	6,514	6,644	129,226
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		7,700	5,610	5,722	5,837	6,386	6,514	6,644	44,414
<b>Total:</b>		7,700	5,610	5,722	5,837	6,386	6,514	6,644	44,414

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	11,971	612	663	676	796	812	828	845	17,203
<b>Total:</b>	11,971	612	663	676	796	812	828	845	17,203
<b>Fund Appropriations/Allocations</b>									
Water Fund	11,971	612	663	676	796	812	828	845	17,203
<b>Total*:</b>	11,971	612	663	676	796	812	828	845	17,203
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		600	663	676	796	812	828	845	5,220
<b>Total:</b>		600	663	676	796	812	828	845	5,220

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

**2012 - 2017 Adopted Capital Improvement Program**

**Water Infrastructure-Seismic Upgrade Pipelines**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	C1102	<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 seismic upgrades to strengthen existing and/or install new elements and structures for improved performance of the water distribution system throughout the City of Seattle in the event of a large earthquake. The benefit is a reduction in frequency and duration of water outages after an earthquake.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	9,546	1	1	1	1	1	1	0	9,552
<b>Total:</b>	9,546	1	1	1	1	1	1	0	9,552
<b>Fund Appropriations/Allocations</b>									
Water Fund	9,546	1	1	1	1	1	1	0	9,552
<b>Total*:</b>	9,546	1	1	1	1	1	1	0	9,552
<b>O &amp; M Costs (Savings)</b>			26	26	26	26	26	0	129
<b>Spending Plan by Fund</b>									
Water Fund		6	1	1	1	1	1	0	11
<b>Total:</b>		6	1	1	1	1	1	0	11

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	180	51	138	140	143	1	0	0	653
<b>Total:</b>	180	51	138	140	143	1	0	0	653
<b>Fund Appropriations/Allocations</b>									
Water Fund	180	51	138	140	143	1	0	0	653
<b>Total*:</b>	180	51	138	140	143	1	0	0	653
<b>O &amp; M Costs (Savings)</b>			0	0	0	7	7	7	20
<b>Spending Plan by Fund</b>									
Water Fund		25	138	140	143	1	0	0	447
<b>Total:</b>		25	138	140	143	1	0	0	447

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

**2012 - 2017 Adopted 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>	Q4/2014
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	191	0	25	644	3,163	0	0	0	4,024
<b>Total:</b>	191	0	25	644	3,163	0	0	0	4,024
<b>Fund Appropriations/Allocations</b>									
Water Fund	191	0	25	644	3,163	0	0	0	4,024
<b>Total*:</b>	191	0	25	644	3,163	0	0	0	4,024
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		75	25	644	3,163	0	0	0	3,907
<b>Total:</b>		75	25	644	3,163	0	0	0	3,907

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**2012 - 2017 Adopted Capital Improvement Program**

**Water System Dewatering**

<b>BCL/Program Name:</b>	Transmission	<b>BCL/Program Code:</b>	C120B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1205	<b>End Date:</b>	ONGOING
<b>Location:</b>	Regional		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program improves structures used to empty the water from larger pipelines when necessary for inspection or repair. The new structures better control the impact of the water discharged to the environment and comply with current environmental regulations.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	179	102	100	100	100	100	100	113	893
<b>Total:</b>	179	102	100	100	100	100	100	113	893
<b>Fund Appropriations/Allocations</b>									
Water Fund	179	102	100	100	100	100	100	113	893
<b>Total*:</b>	179	102	100	100	100	100	100	113	893
<b>O &amp; M Costs (Savings)</b>			8	8	8	8	8	8	51
<b>Spending Plan by Fund</b>									
Water Fund		100	100	100	100	100	100	113	713
<b>Total:</b>		100	100	100	100	100	100	113	713

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	27	473	261	26	0	0	0	0	787
<b>Total:</b>	27	473	261	26	0	0	0	0	787
<b>Fund Appropriations/Allocations</b>									
Water Fund	27	473	261	26	0	0	0	0	787
<b>Total*:</b>	27	473	261	26	0	0	0	0	787
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		480	261	26	0	0	0	0	767
<b>Total:</b>		480	261	26	0	0	0	0	767

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**2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	0	0	0	0	0	0	110	541	651
<b>Total:</b>	0	0	0	0	0	0	110	541	651
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	0	0	0	0	110	541	651
<b>Total*:</b>	0	0	0	0	0	0	110	541	651
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2012 - 2017 Adopted 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 watermain in Seattle. Replacements occur when leaks become too frequent. Rehabilitation by lining the interior of the pipe with cement mortar restores the capacity of watermain 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	5,104	765	626	1,601	1,601	3,248	3,313	3,379	19,638
<b>Total:</b>	5,104	765	626	1,601	1,601	3,248	3,313	3,379	19,638
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,104	765	626	1,601	1,601	3,248	3,313	3,379	19,638
<b>Total*:</b>	5,104	765	626	1,601	1,601	3,248	3,313	3,379	19,638
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		300	626	1,601	1,601	3,248	3,313	3,379	14,068
<b>Total:</b>		300	626	1,601	1,601	3,248	3,313	3,379	14,068

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**2012 - 2017 Adopted 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.)

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	9,251	1,482	1,163	1,178	1,004	1,024	1,044	1,065	17,211
<b>Total:</b>	9,251	1,482	1,163	1,178	1,004	1,024	1,044	1,065	17,211
<b>Fund Appropriations/Allocations</b>									
Water Fund	9,251	1,482	1,163	1,178	1,004	1,024	1,044	1,065	17,211
<b>Total*:</b>	9,251	1,482	1,163	1,178	1,004	1,024	1,044	1,065	17,211
<b>O &amp; M Costs (Savings)</b>			172	172	172	172	172	172	1,033
<b>Spending Plan by Fund</b>									
Water Fund		1,340	1,163	1,178	1,004	1,024	1,044	1,065	7,818
<b>Total:</b>		1,340	1,163	1,178	1,004	1,024	1,044	1,065	7,818

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**2012 - 2017 Adopted Capital Improvement Program**





# **INFORMATION TECHNOLOGY**



## Overview

The Department of Information Technology (DoIT) builds, manages and maintains City 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 operates software applications on behalf of other departments. DoIT also directs the development of certain computer application projects on behalf of the City and other 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 and within time and 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.

## 2012-2017 CIP

The focus of the DoIT 2012-2017 Adopted CIP is on routine maintenance, replacement and upgrades for existing systems. The 2012 projects include:

- 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.

### 2012 - 2017 Adopted Capital Improvement Program

- The City's Radio Reserves, managed within DoIT's CIP, have through the recession received curtailed funding as the City has used "vacations" to help balance the budget. In order to collect a reserve for future replacement of public safety radios in the 2020 timeframe it will require increasing collections.

### 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.
- **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 by a growth 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:

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- 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.

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 2012-2017 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

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- 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 Adopted budget for inclusion in the CIP. Some examples of discretionary projects chosen for inclusion in the 2012-2017 CIP budget include data, telephone and Seattle Channel asset replacement work. These projects were included because equipment is at the end of its viable lifecycle and needs replacing before it fails. Also funding for these efforts exists as it is routinely collected within DoIT rates. Examples of projects that were considered but ultimately not recommended include acquisition of a management/control system for mobile City devices such as laptops and updating the 800MhZ system to Simulcast. The former was not recommended due to lack of a viable funding option; the latter due to regional coordination considerations.

### City Council Provisos to the CIP

There are no Council provisos.

## Department of Information Technology

### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Office of Electronic Communications</b>		<b>BCL/Program Code:</b>							<b>D4400</b>
Seattle Channel Maintenance and Upgrade (D404EC001)	630	192	37	391	393	448	453	465	3,009
<b>Office of Electronic Communications</b>	630	192	37	391	393	448	453	465	3,009
<b>Technology Infrastructure</b>		<b>BCL/Program Code:</b>							<b>D3300</b>
800 MHz Radio Network Program (D3RNRS)	9,880	6,076	514	535	555	572	586	600	19,318
Alternate Data Center (D301AR001)	371	53	157	589	0	0	62	64	1,296
Computing Services Architecture (D300CSARC)	1,368	2,018	1,623	2,536	2,844	2,049	1,947	1,993	16,378
Data and Telephone Infrastructure (COMMINFRA)	10,606	2,700	2,367	2,454	2,534	3,159	2,655	2,703	29,178
Enterprise Computing (D301CS001)	2,900	400	0	0	2,170	1,157	506	518	7,651
Fiber-Optic Communication Installation and Maintenance (FIBER)	16,405	2,935	3,208	3,329	3,431	3,510	3,592	3,682	40,092
Puget Sound Next-Generation Voice/Data System (D314GR001)	2,272	2,093	0	0	0	0	0	0	4,365
<b>Technology Infrastructure</b>	43,802	16,275	7,869	9,443	11,534	10,447	9,348	9,560	118,278
<b>Department Total*:</b>	44,432	16,467	7,906	9,834	11,927	10,895	9,801	10,025	121,287

\*Amounts in thousands of dollars

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### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Information Technology Fund (50410)	44,432	16,467	7,906	9,834	11,927	10,895	9,801	10,025	121,287
<b>Department Total*:</b>	44,432	16,467	7,906	9,834	11,927	10,895	9,801	10,025	121,287

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**



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## 800 MHz Radio Network Program

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	D3RNRS	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th Ave / Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project funds the upgrades and replacement of software and hardware for the City of Seattle's portion of the King County Regional 800 MHz radio system. The 800 MHz radio system provides the communication infrastructure required for public safety operations such as 911, Medic One, Fire and Police.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	9,880	6,076	514	535	555	572	586	600	19,318
<b>Total:</b>	9,880	6,076	514	535	555	572	586	600	19,318
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	9,880	6,076	514	535	555	572	586	600	19,318
<b>Total*:</b>	9,880	6,076	514	535	555	572	586	600	19,318
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### Alternate Data Center

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	D301AR001	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th AVE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project supports enhancements to and expansion of the City's Alternate Data Center (ADC), including the expansion from a cold site (facility and communications) to a warm site (some recovery equipment ready for immediate use) through the addition of hardware such as servers and storage and has the capability to restore certain software applications.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	371	53	157	589	0	0	62	64	1,296
<b>Total:</b>	371	53	157	589	0	0	62	64	1,296
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	371	53	157	589	0	0	62	64	1,296
<b>Total*:</b>	371	53	157	589	0	0	62	64	1,296
<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.*

### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	1,368	2,018	1,623	2,536	2,844	2,049	1,947	1,993	16,378
<b>Total:</b>	1,368	2,018	1,623	2,536	2,844	2,049	1,947	1,993	16,378
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	1,368	2,018	1,623	2,536	2,844	2,049	1,947	1,993	16,378
<b>Total*:</b>	1,368	2,018	1,623	2,536	2,844	2,049	1,947	1,993	16,378
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
General Obligation Bonds	1,092	308	0	0	0	0	0	0	1,400
Internal Service Fees and Allocations, Outside Funding Partners	9,514	2,392	2,367	2,454	2,534	3,159	2,655	2,703	27,778
<b>Total:</b>	10,606	2,700	2,367	2,454	2,534	3,159	2,655	2,703	29,178
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	10,606	2,700	2,367	2,454	2,534	3,159	2,655	2,703	29,178
<b>Total*:</b>	10,606	2,700	2,367	2,454	2,534	3,159	2,655	2,703	29,178
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
To be determined	0	0	0	0	2,170	1,157	506	518	4,351
General Obligation Bonds	2,900	0	0	0	0	0	0	0	2,900
Internal Service Fees and Allocations, Outside Funding Partners	0	400	0	0	0	0	0	0	400
<b>Total:</b>	2,900	400	0	0	2,170	1,157	506	518	7,651
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	2,900	400	0	0	2,170	1,157	506	518	7,651
<b>Total*:</b>	2,900	400	0	0	2,170	1,157	506	518	7,651
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	16,405	2,935	3,208	3,329	3,431	3,510	3,592	3,682	40,092
<b>Total:</b>	16,405	2,935	3,208	3,329	3,431	3,510	3,592	3,682	40,092
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	16,405	2,935	3,208	3,329	3,431	3,510	3,592	3,682	40,092
<b>Total*:</b>	16,405	2,935	3,208	3,329	3,431	3,510	3,592	3,682	40,092
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	1,718	1,699	0	0	0	0	0	0	3,417
Internal Service Fees and Allocations, Outside Funding Partners	554	394	0	0	0	0	0	0	948
<b>Total:</b>	2,272	2,093	0	0	0	0	0	0	4,365
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	2,272	2,093	0	0	0	0	0	0	4,365
<b>Total*:</b>	2,272	2,093	0	0	0	0	0	0	4,365
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	630	192	37	391	393	448	453	465	3,009
<b>Total:</b>	630	192	37	391	393	448	453	465	3,009
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	630	192	37	391	393	448	453	465	3,009
<b>Total*:</b>	630	192	37	391	393	448	453	465	3,009
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

## 2012 - 2017 Adopted Capital Improvement Program

**FINANCE  
AND  
ADMINISTRATIVE  
SERVICES**



### Overview

The Finance and Administrative Services (FAS) Capital Improvement Program (CIP) is the department's blueprint for planning, replacing, maintaining, enhancing, and upgrading FAS-owned and operated general government facilities, owned/leased community-based facilities, and the City's enterprise applications such as the financial management (Summit) and payroll/human resources information (HRIS) technology applications. These assets are used by City departments including FAS to deliver critical services to Seattle residents and by certain non-profit agencies that serve the public.

The general government facilities portfolio encompasses the City's core general facilities (City Hall, Seattle Justice Center and the Seattle Municipal Tower), fleet vehicle maintenance shops, and other City multipurpose 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. FAS maintains core building systems for some of the 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.

### 2012-2017 CIP

In 2012, approximately \$29 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 2012 include replacing aged and leaking roofs and envelope improvements in FAS shops and yard and at public safety facilities. Additional work in 2012 includes roof repairs in fire stations.
- **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. Through the end of 2011 fourteen fire stations will have been replaced or upgraded with eighteen in progress through 2013. Major work in 2012 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 2011. Eight will be in design or construction through 2013. Additional work in 2012 includes roof repairs and enhanced fire resistance for sleeping quarters in fire stations.
- **Regulatory Compliance** – In 2012, in order to meet regulatory requirements, FAS will provide one-hour fire resistance between the sleeping quarters and the apparatus bay in various fire stations.
- **ADA Upgrades** – This program will address 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 and equipment replacement.
- **Energy Efficiency** – This program includes projects to install more energy-efficient components in FAS facilities and is expected to yield long-term savings.

### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

- **Stormwater Drainage** – This project will retrofit certain fire stations to meet stormwater code. These retrofits address regulatory requirements identified after the Fire Facilities and Emergency Response Levy Program was approved and is therefore not a levy program component.
- **General Government Facilities** – Two new projects in 2012 will provide work on a master plan for the Charles Street vehicle maintenance and storage yard facility and long-term planning for the Consumer Protection Unit.
- **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 address the use and operational planning of the North Precinct.
- **Garden of Remembrance** – This project is 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.

### Upcoming Budget Issues and Challenges

The primary CIP budget issues confronting FAS involve the age and condition of many City buildings, expanding facility-related tenant needs, community facilities with essentially no funding, and the age and condition of technology infrastructure, all within the context of a continued downturn in the local economy.

- **Asset Preservation**  
FAS’s 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 and Seattle Public Utilities. The operations of these departments regularly grow with population, development, more restrictive regulations, and initiatives, such as Bridging the Gap. As such growth occurs, FAS works with its tenant departments to propose facility modernization, additions, or expansion as appropriate.
- **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). These facilities generate very little rent revenue, so there is no funding source for the ongoing upkeep of the buildings. Historically, appropriations have been made from REET revenues, or bonds repaid by REET, to replace building systems. Funding constraints have led to conditions wherein systems in these buildings have fallen into disrepair. In 2012, FAS will construct new roofs (in the operating budget) at six of these facilities with funding from an insurance settlement from a fire at the largely unoccupied city-owned Sunny Jim warehouse in 2010.
- **Information Technology Systems**  
FAS plans, develops, implements, and maintains technology that supports most of the City’s

### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

enterprise business activities, including financial management, budget planning, treasury, payroll, human resource information management, purchasing, licensing, tax management and benefits administration. Several major technology systems require either upgrades or replacement.

### CIP Revenue Sources

The Department's 2012-2017 Adopted Capital Improvement Program (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's 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 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's capital investments must preserve, improve or enhance the operational capacity of these mission-critical systems and facilities.

3) **Asset Preservation**

Created by Ordinance 121642, FAS has \$4 million in dedicated annual funding 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's 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 sustainable strategies required by regulations. In the future, there is a need to meet the City's newer, higher sustainability goals of LEED Gold requirements and beyond on the energy code with strict reporting requirements on the project results and building performance. There are also new sustainability goals, such as "20 by 20" and the "2030 Challenge," by funding projects to reduce energy use and greenhouse gas emissions triggered solely by sustainability goals.

## Finance and Administrative Services

### 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's tenant departments on an annual basis, internally vetted for timeliness and appropriateness, and evaluated on 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's Facility Operations Division, and from a bi-annually updated plan of FAS's maintenance assessment efforts. FAS annually updates the priority status of facilities-related projects on the lists based on maintenance efforts in the prior year and input from 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: continuity of essential services, preserving the long-term use of the building/technology, meeting regulatory requirements, responsiveness to life safety concerns, compatibility and synergy with other planned projects, and capacity to reduce demand for routine maintenance service and generate resulting dollar savings.

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

As described above, FAS will evaluate potential options and costs associated with replacement of the North Police Precinct. This work will help inform funding needs addressed in the Strategic Capital Agenda (SCA), which also include Fire Stations without funding for renovations, and Police harbor patrol facilities. The SCA contemplates seeking voter-approved funding in 2013 to support these public safety capital projects. More discussion on the SCA can be found in the Adopted 2012-2017 Capital Improvement Program overview section.

## City Council Provisos to the CIP

There are no Council provisos.



# Finance and Administrative Services

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>ADA Improvements - FAS</b>									<b>A1GM19</b>
ADA Improvements - Citywide (A1GM902)	0	0	92	0	0	0	0	0	92
ADA Improvements - FAS (A1GM901)	0	50	399	0	0	0	0	0	449
<b>ADA Improvements - FAS</b>	0	50	491	0	0	0	0	0	541
<b>Asset Preservation - Civic Core</b>									<b>A1AP1</b>
Asset Preservation - Civic Center (A1AP101)	838	2,430	370	850	850	850	850	850	7,888
<b>Asset Preservation - Civic Core</b>	838	2,430	370	850	850	850	850	850	7,888
<b>Asset Preservation - Public Safety Facilities</b>									<b>A1AP6</b>
Asset Preservation - Public Safety Facilities (A1AP601)	2,907	2,448	550	600	600	600	600	600	8,905
<b>Asset Preservation - Public Safety Facilities</b>	2,907	2,448	550	600	600	600	600	600	8,905
<b>Asset Preservation - Seattle Municipal Tower</b>									<b>A1AP2</b>
Asset Preservation - Seattle Municipal Tower (A1AP201)	12,125	2,627	3,650	1,670	1,670	1,670	1,670	1,670	26,752
<b>Asset Preservation - Seattle Municipal Tower</b>	12,125	2,627	3,650	1,670	1,670	1,670	1,670	1,670	26,752
<b>Asset Preservation - Shops and Yards</b>									<b>A1AP4</b>
Asset Preservation - Shops and Yards (A1AP401)	1,718	1,192	650	600	600	600	600	600	6,560
<b>Asset Preservation - Shops and Yards</b>	1,718	1,192	650	600	600	600	600	600	6,560
<b>Chief Seattle Fireboat Rehabilitation</b>									<b>A1FL402</b>
Chief Seattle Fireboat Rehabilitation (A1FL402)	413	9,287	0	0	0	0	0	0	9,700
<b>Chief Seattle Fireboat Rehabilitation</b>	413	9,287	0	0	0	0	0	0	9,700
<b>Civic Square</b>									<b>A1GM5</b>
Civic Square (A1GM501)	226	1,016	0	0	0	0	0	0	1,242
<b>Civic Square</b>	226	1,016	0	0	0	0	0	0	1,242
<b>Environmental Stewardship</b>									<b>A1GM3</b>
Stormwater Drainage (A1GM308)	0	150	100	0	0	0	0	0	250
<b>Environmental Stewardship</b>	0	150	100	0	0	0	0	0	250

\*Amounts in thousands of dollars

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# Finance and Administrative Services

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2011	2012	2013	2014	2015	2016	2017	Total
<b>Fire Stations - Land Acquisition</b>									<b>A1FL101</b>
Fire Stations - Land Acquisition (A1FL101)	21,967	1,378	0	0	0	0	0	0	23,346
<b>Fire Stations - Land Acquisition</b>	21,967	1,378	0	0	0	0	0	0	23,346
<b>Garden of Remembrance</b>									<b>A51647</b>
Garden of Remembrance (A11452)	232	23	23	24	25	26	26	27	406
<b>Garden of Remembrance</b>	232	23	23	24	25	26	26	27	406
<b>General Government Facilities - General</b>									<b>A1GM1</b>
Charles Street Master Facilities Planning (A1GM116)	0	0	100	0	0	0	0	0	100
Consumer Protection Unit (Test Station) (A1GM112)	0	0	100	0	0	0	0	0	100
Customer Requested Tenant Improvement Program (A1GM105)	10,046	10,707	3,500	3,500	3,500	3,500	3,500	3,500	41,752
FAS: Municipal Energy Efficiency Projects (A1GM199)	0	692	419	0	0	0	0	0	1,111
<b>General Government Facilities - General</b>	10,046	11,399	4,119	3,500	3,500	3,500	3,500	3,500	43,063
<b>Neighborhood Fire Stations</b>									<b>A1FL1</b>
Fire Station 06 (A1FL106)	792	7,391	1,724	62	0	0	0	0	9,969
Fire Station 08 (A1FL108)	11	1,968	1,186	458	46	0	0	0	3,668
Fire Station 09 (A1FL109)	721	7,082	0	102	0	0	0	0	7,905
Fire Station 11 (A1FL111)	3	1,598	1,122	0	0	0	0	0	2,722
Fire Station 13 (A1FL113)	311	2,892	0	0	0	0	0	0	3,203
Fire Station 14 (A1FL114)	700	6,521	2,776	2,438	262	0	0	0	12,697
Fire Station 16 (A1FL116)	381	2,730	0	0	0	0	0	0	3,112
Fire Station 18 (A1FL118)	0	608	0	2,557	534	0	0	0	3,698
Fire Station 20 (A1FL120)	58	770	2,292	3,975	1,916	64	0	0	9,075
Fire Station 21 (A1FL121)	2,215	3,257	0	0	0	0	0	0	5,472
Fire Station 22 (A1FL122)	0	0	0	1,000	2,000	5,500	1,000	0	9,500
Fire Station 24 (A1FL124)	0	746	438	1,634	0	0	0	0	2,817
Fire Station 25 (A1FL125)	12	3,347	0	0	0	0	0	0	3,359

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Fire Station 26 (A1FL126)	0	663	537	1,668	0	0	0	0	2,869
Fire Station 27 (A1FL127)	27	2,464	0	35	15	0	0	0	2,541
Fire Station 28 (A1FL128)	10,512	1,243	0	0	0	0	0	0	11,755
Fire Station 29 (A1FL129)	0	547	0	2,303	481	0	0	0	3,330
Fire Station 30 (A1FL130)	4,981	898	0	0	0	0	0	0	5,879
Fire Station 32 (A1FL132)	242	6,827	47	7,944	0	0	0	0	15,059
Fire Station 34 (A1FL134)	7	848	0	1,232	584	17	0	0	2,687
Fire Station 36 (A1FL136)	0	1,443	1,823	102	32	0	0	0	3,399
Fire Station 37 (A1FL137)	4,078	159	0	0	0	0	0	0	4,237
Fire Station 38 (A1FL138)	4,251	459	0	0	0	0	0	0	4,710
Fire Station 40 (A1FL140)	0	2,197	0	340	0	0	0	0	2,537
Fire Station Emergency Generators (A1FL151)	835	931	0	0	0	0	0	0	1,766
Fire Station Improvement Debt Service (A1FL199)	10,479	5,586	5,590	6,513	2,776	3,035	3,036	3,036	40,051
<b>Neighborhood Fire Stations</b>	40,615	63,175	17,534	32,363	8,645	8,616	4,036	3,036	178,019
<b>Public Safety Facilities - Fire</b>						<b>BCL/Program Code:</b>			<b>A1PS2</b>
Fire Station Roof Replacements (A1PS204)	0	532	502	0	0	0	0	0	1,034
One Hour Fire Separations in Fire Stations (A1PS203)	0	0	520	0	0	0	0	0	520
<b>Public Safety Facilities - Fire</b>	0	532	1,022	0	0	0	0	0	1,554
<b>Public Safety Facilities - Police</b>						<b>BCL/Program Code:</b>			<b>A1PS1</b>
North Precinct Upgrades (A1PS105)	0	500	0	0	0	0	0	0	500
Police Facilities (A1PS101)	2,720	165	100	0	0	0	0	0	2,985
<b>Public Safety Facilities - Police</b>	2,720	665	100	0	0	0	0	0	3,485
<b>Department Total*:</b>	93,807	96,373	28,609	39,607	15,890	15,862	11,282	10,283	311,712

\*Amounts in thousands of dollars

**2012 - 2017 Adopted Capital Improvement Program**



## Finance and Administrative Services

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
2002B LTGO Capital Project Fund (34700)	1,880	0	0	0	0	0	0	0	1,880
2003 Fire Facilities Fund (34440)	34,917	39,902	9,232	0	0	0	0	0	84,051
2008 Multipurpose LTGO Bond Fund (35200)	7,506	9,315	0	0	0	0	0	0	16,821
2009 Multipurpose LTGO Bond Fund (35300)	332	1,078	0	0	0	0	0	0	1,410
2010 Multipurpose LTGO Bond Fund (35400)	651	6,349	0	0	0	0	0	0	7,000
2011 Multipurpose LTGO Bond Fund (35500)	0	692	0	0	0	0	0	0	692
2013 Multipurpose LTGO Bond Fund (35700)	0	0	0	23,925	0	0	0	0	23,925
2014 Multipurpose LTGO Bond Fund (35800)	0	0	0	0	5,869	0	0	0	5,869
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities (00168)	17,588	8,697	5,220	3,720	3,720	3,720	3,720	3,720	50,105
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	20,118	18,013	10,215	8,438	2,776	3,035	3,036	3,036	68,667
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	266	73	23	24	25	26	26	27	490
Finance and Administrative Services Fund (50300)	10,046	11,239	3,500	3,500	3,500	3,500	3,500	3,500	42,284
General Subfund (00100)	0	0	419	0	0	0	0	0	419
Municipal Civic Center Fund (34200)	502	1,016	0	0	0	0	0	0	1,518
To Be Determined (TBD)	0	0	0	0	0	5,581	1,000	0	6,581
<b>Department Total*:</b>	<b>93,807</b>	<b>96,373</b>	<b>28,609</b>	<b>39,607</b>	<b>15,890</b>	<b>15,862</b>	<b>11,282</b>	<b>10,283</b>	<b>311,712</b>

*\*Amounts in thousands of dollars*

**2012 - 2017 Adopted Capital Improvement Program**



# Finance and Administrative Services

## ADA Improvements - Citywide

<b>BCL/Program Name:</b>	ADA Improvements - FAS	<b>BCL/Program Code:</b>	A1GM19
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	0	0	92	0	0	0	0	0	92
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	92	0	0	0	0	0	92
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	92	0	0	0	0	0	92
<b>Total*:</b>	0	0	92	0	0	0	0	0	92

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## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### ADA Improvements - FAS

<b>BCL/Program Name:</b>	ADA Improvements - FAS	<b>BCL/Program Code:</b>	A1GM19
<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 proposed to be an 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	50	399	0	0	0	0	0	449
<b>Total:</b>	0	50	399	0	0	0	0	0	449
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	50	399	0	0	0	0	0	449
<b>Total*:</b>	0	50	399	0	0	0	0	0	449

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Department Space Allocation Charges	838	2,430	370	850	850	850	850	850	7,888
<b>Total:</b>	838	2,430	370	850	850	850	850	850	7,888
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	838	2,430	370	850	850	850	850	850	7,888
<b>Total*:</b>	838	2,430	370	850	850	850	850	850	7,888
<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		1,584	1,216	850	850	850	850	850	7,050
<b>Total:</b>		1,584	1,216	850	850	850	850	850	7,050

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Department Space Allocation Charges	2,907	2,448	550	600	600	600	600	600	8,905
<b>Total:</b>	2,907	2,448	550	600	600	600	600	600	8,905
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	2,907	2,448	550	600	600	600	600	600	8,905
<b>Total*:</b>	2,907	2,448	550	600	600	600	600	600	8,905
<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		934	844	844	844	844	844	844	5,998
<b>Total:</b>		934	844	844	844	844	844	844	5,998

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Department Space Allocation Charges	12,125	2,627	3,650	1,670	1,670	1,670	1,670	1,670	26,752
<b>Total:</b>	12,125	2,627	3,650	1,670	1,670	1,670	1,670	1,670	26,752
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	12,125	2,627	3,650	1,670	1,670	1,670	1,670	1,670	26,752
<b>Total*:</b>	12,125	2,627	3,650	1,670	1,670	1,670	1,670	1,670	26,752
<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		1,311	3,469	1,969	1,969	1,969	1,969	1,969	14,627
<b>Total:</b>		1,311	3,469	1,969	1,969	1,969	1,969	1,969	14,627

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Department Space Allocation Charges	1,718	1,192	650	600	600	600	600	600	6,560
<b>Total:</b>	1,718	1,192	650	600	600	600	600	600	6,560
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	1,718	1,192	650	600	600	600	600	600	6,560
<b>Total*:</b>	1,718	1,192	650	600	600	600	600	600	6,560
<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		773	678	678	678	678	678	678	4,842
<b>Total:</b>		773	678	678	678	678	678	678	4,842

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### 2012 - 2017 Adopted 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>	Q2/2013
<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 vector 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	100	0	0	0	0	0	100
<b>Total:</b>	0	0	100	0	0	0	0	0	100
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	100	0	0	0	0	0	100
<b>Total*:</b>	0	0	100	0	0	0	0	0	100

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### 2012 - 2017 Adopted 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>	Q2/2014
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	387	2,592	0	0	0	0	0	0	2,979
Miscellaneous Grants or Donations	0	6,147	0	0	0	0	0	0	6,147
General Obligation Bonds	26	548	0	0	0	0	0	0	574
<b>Total:</b>	413	9,287	0	0	0	0	0	0	9,700
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	387	8,739	0	0	0	0	0	0	9,126
2008 Multipurpose LTGO Bond Fund	26	548	0	0	0	0	0	0	574
<b>Total*:</b>	413	9,287	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		2,158	5,865	716	0	0	0	0	8,739
2008 Multipurpose LTGO Bond Fund		279	269	0	0	0	0	0	548
<b>Total:</b>		2,437	6,134	716	0	0	0	0	9,287

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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Interdepartmental Transfer	226	1,016	0	0	0	0	0	0	1,242
<b>Total:</b>	226	1,016	0	0	0	0	0	0	1,242
<b>Fund Appropriations/Allocations</b>									
Municipal Civic Center Fund	226	1,016	0	0	0	0	0	0	1,242
<b>Total*:</b>	226	1,016	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	796	0	0	1,016
<b>Total:</b>		10	10	50	150	796	0	0	1,016

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### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Consumer Protection Unit (Test Station)

<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>	A1GM1112	<b>End Date:</b>	Q4/2012
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

Complete an Operational Program and test-to-fit design to locate a facility suitable to meet the expanded business needs for the Consumer Protection Unit. Existing facility requires upgrades in HVAC, replacement of Testing equipment, enlargement, reconfiguration of customer service and support areas and various other improvements to accommodate basic customer service needs.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	100	0	0	0	0	0	100
<b>Total:</b>	0	0	100	0	0	0	0	0	100
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	100	0	0	0	0	0	100
<b>Total*:</b>	0	0	100	0	0	0	0	0	100

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Interdepartmental Transfer	10,046	10,707	3,500	3,500	3,500	3,500	3,500	3,500	41,752
<b>Total:</b>	10,046	10,707	3,500	3,500	3,500	3,500	3,500	3,500	41,752
<b>Fund Appropriations/Allocations</b>									
Finance and Administrative Services Fund	10,046	10,707	3,500	3,500	3,500	3,500	3,500	3,500	41,752
<b>Total*:</b>	10,046	10,707	3,500	3,500	3,500	3,500	3,500	3,500	41,752
<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		767	5,157	5,157	5,157	5,157	5,157	5,157	31,707
<b>Total:</b>		767	5,157	5,157	5,157	5,157	5,157	5,157	31,707

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### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### FAS: Municipal Energy Efficiency Projects

<b>BCL/Program Name:</b>	General Government Facilities - General	<b>BCL/Program Code:</b>	A1GM1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	A1GM199	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project provides for investment in more energy efficient building systems and other facility efficiency improvements. By making these investments the City expects future savings in utility and labor costs, and significant progress toward carbon neutrality. This program is intended to fund facility retrofit projects identified by energy audits conducted in 2010 (funded by the City's Energy Efficiency and Conservation Block Grant), and similar projects identified by the department. Depending on project demand and available funding, additional resources may be added in the future. Projects include but are not limited to review of the energy efficiency of a building and upgrades and/or replacement of mechanical equipment and distribution systems, electrical equipment and distribution systems, building envelopes (walls, windows, and roofs), lighting systems, plumbing equipment and distribution systems, and building controls systems.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
General Subfund	0	0	419	0	0	0	0	0	419
General Obligation Bonds	0	692	0	0	0	0	0	0	692
<b>Total:</b>	0	692	419	0	0	0	0	0	1,111

#### Fund Appropriations/Allocations

General Subfund	0	0	419	0	0	0	0	0	419
2011 Multipurpose LTGO Bond Fund	0	692	0	0	0	0	0	0	692
<b>Total*:</b>	0	692	419	0	0	0	0	0	1,111

#### Spending Plan by Fund

General Subfund	0	419	0	0	0	0	0	419
2011 Multipurpose LTGO Bond Fund	400	292	0	0	0	0	0	692
<b>Total:</b>	400	711	0	0	0	0	0	1,111

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### 2012 - 2017 Adopted 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>	Q1/2014
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	22	68	0	0	0	0	0	0	89
Seattle Voter-Approved Levy	770	5,676	1,724	0	0	0	0	0	8,170
General Obligation Bonds	0	824	0	0	0	0	0	0	824
General Obligation Bonds	0	824	0	0	0	0	0	0	824
General Obligation Bonds	0	0	0	62	0	0	0	0	62
<b>Total:</b>	792	7,391	1,724	62	0	0	0	0	9,969
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	22	68	0	0	0	0	0	0	89
2003 Fire Facilities Fund	770	5,676	1,724	0	0	0	0	0	8,170
2008 Multipurpose LTGO Bond Fund	0	824	0	0	0	0	0	0	824
2010 Multipurpose LTGO Bond Fund	0	824	0	0	0	0	0	0	824
2013 Multipurpose LTGO Bond Fund	0	0	0	62	0	0	0	0	62
<b>Total*:</b>	792	7,391	1,724	62	0	0	0	0	9,969
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	6	0	62	0	0	0	0	68
2003 Fire Facilities Fund	2,179	5,097	124	0	0	0	0	7,400
2008 Multipurpose LTGO Bond Fund	0	824	0	0	0	0	0	824
2010 Multipurpose LTGO Bond Fund	0	824	0	0	0	0	0	824
2013 Multipurpose LTGO Bond Fund	0	0	62	0	0	0	0	62
<b>Total:</b>	2,185	6,745	247	0	0	0	0	9,177

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## 2012 - 2017 Adopted 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>	Q3/2011
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	401	0	0	0	0	0	0	401
Seattle Voter-Approved Levy	11	1,040	1,186	0	0	0	0	0	2,237
General Obligation Bonds	0	478	0	0	0	0	0	0	478
General Obligation Bonds	0	48	0	0	0	0	0	0	48
General Obligation Bonds	0	0	0	458	0	0	0	0	458
General Obligation Bonds	0	0	0	0	46	0	0	0	46
<b>Total:</b>	11	1,968	1,186	458	46	0	0	0	3,668
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	401	0	0	0	0	0	0	401
2003 Fire Facilities Fund	11	1,040	1,186	0	0	0	0	0	2,237
2008 Multipurpose LTGO Bond Fund	0	478	0	0	0	0	0	0	478
2010 Multipurpose LTGO Bond Fund	0	48	0	0	0	0	0	0	48
2013 Multipurpose LTGO Bond Fund	0	0	0	458	0	0	0	0	458
2014 Multipurpose LTGO Bond Fund	0	0	0	0	46	0	0	0	46
<b>Total*:</b>	11	1,968	1,186	458	46	0	0	0	3,668
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4	0	397	0	0	0	0	401
2003 Fire Facilities Fund	368	1,067	792	0	0	0	0	2,226
2008 Multipurpose LTGO Bond Fund	453	24	0	0	0	0	0	478
2010 Multipurpose LTGO Bond Fund	0	48	0	0	0	0	0	48
2013 Multipurpose LTGO Bond Fund	0	0	458	0	0	0	0	458
2014 Multipurpose LTGO Bond Fund	0	0	0	46	0	0	0	46
<b>Total:</b>	825	1,139	1,647	46	0	0	0	3,658

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## 2012 - 2017 Adopted 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>	Q2/2014
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2	108	0	0	0	0	0	0	110
Seattle Voter-Approved Levy	718	5,437	0	0	0	0	0	0	6,155
General Obligation Bonds	1	913	0	0	0	0	0	0	914
General Obligation Bonds	0	132	0	0	0	0	0	0	132
General Obligation Bonds	0	493	0	0	0	0	0	0	493
General Obligation Bonds	0	0	0	102	0	0	0	0	102
<b>Total:</b>	721	7,082	0	102	0	0	0	0	7,905
<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	718	5,437	0	0	0	0	0	0	6,155
2008 Multipurpose LTGO Bond Fund	1	913	0	0	0	0	0	0	914
2009 Multipurpose LTGO Bond Fund	0	132	0	0	0	0	0	0	132
2010 Multipurpose LTGO Bond Fund	0	493	0	0	0	0	0	0	493
2013 Multipurpose LTGO Bond Fund	0	0	0	102	0	0	0	0	102
<b>Total*:</b>	721	7,082	0	102	0	0	0	0	7,905
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	108	0	0	0	0	108
2003 Fire Facilities Fund	347	4,942	147	0	0	0	0	5,437
2008 Multipurpose LTGO Bond Fund	536	378	0	0	0	0	0	913
2009 Multipurpose LTGO Bond Fund	0	132	0	0	0	0	0	132
2010 Multipurpose LTGO Bond Fund	0	493	0	0	0	0	0	493
2013 Multipurpose LTGO Bond Fund	0	0	102	0	0	0	0	102
<b>Total:</b>	883	5,944	357	0	0	0	0	7,184

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## 2012 - 2017 Adopted 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>	Q4/2014
<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 Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	3	396	0	0	0	0	0	0	399
Seattle Voter-Approved Levy	0	1,148	1,122	0	0	0	0	0	2,270
General Obligation Bonds	0	3	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>	3	1,598	1,122	0	0	0	0	0	2,722
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3	396	0	0	0	0	0	0	399
2003 Fire Facilities Fund	0	1,148	1,122	0	0	0	0	0	2,270
2008 Multipurpose LTGO Bond Fund	0	3	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>	3	1,598	1,122	0	0	0	0	0	2,722
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	396	0	0	0	0	396
2003 Fire Facilities Fund	0	1,051	1,219	0	0	0	0	2,270
2008 Multipurpose LTGO Bond Fund	3	0	0	0	0	0	0	3
2009 Multipurpose LTGO Bond Fund	0	25	0	0	0	0	0	25
2010 Multipurpose LTGO Bond Fund	0	25	0	0	0	0	0	25
<b>Total:</b>	3	1,102	1,615	0	0	0	0	2,720

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## 2012 - 2017 Adopted 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>	Q3/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	307	1,837	0	0	0	0	0	0	2,144
Seattle Voter-Approved Levy	0	213	0	0	0	0	0	0	213
General Obligation Bonds	4	697	0	0	0	0	0	0	701
General Obligation Bonds	0	72	0	0	0	0	0	0	72
General Obligation Bonds	0	73	0	0	0	0	0	0	73
<b>Total:</b>	311	2,892	0	0	0	0	0	0	3,203
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	307	1,837	0	0	0	0	0	0	2,144
2003 Fire Facilities Fund	0	213	0	0	0	0	0	0	213
2008 Multipurpose LTGO Bond Fund	4	697	0	0	0	0	0	0	701
2009 Multipurpose LTGO Bond Fund	0	72	0	0	0	0	0	0	72
2010 Multipurpose LTGO Bond Fund	0	73	0	0	0	0	0	0	73
<b>Total*:</b>	311	2,892	0	0	0	0	0	0	3,203
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,837	0	0	0	0	0	0	1,837
2003 Fire Facilities Fund	0	207	6	0	0	0	0	213
2008 Multipurpose LTGO Bond Fund	696	1	0	0	0	0	0	697
2009 Multipurpose LTGO Bond Fund	0	72	0	0	0	0	0	72
2010 Multipurpose LTGO Bond Fund	0	73	0	0	0	0	0	73
<b>Total:</b>	2,533	354	6	0	0	0	0	2,892

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

## 2012 - 2017 Adopted 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>	Q1/2015
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	916	0	0	0	0	0	0	916
Seattle Voter-Approved Levy	544	4,881	2,776	0	0	0	0	0	8,200
General Obligation Bonds	156	399	0	0	0	0	0	0	555
General Obligation Bonds	0	268	0	0	0	0	0	0	268
General Obligation Bonds	0	57	0	0	0	0	0	0	57
General Obligation Bonds	0	0	0	2,438	0	0	0	0	2,438
General Obligation Bonds	0	0	0	0	262	0	0	0	262
<b>Total:</b>	700	6,521	2,776	2,438	262	0	0	0	12,697
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	916	0	0	0	0	0	0	916
2003 Fire Facilities Fund	544	4,881	2,776	0	0	0	0	0	8,200
2008 Multipurpose LTGO Bond Fund	156	399	0	0	0	0	0	0	555
2009 Multipurpose LTGO Bond Fund	0	268	0	0	0	0	0	0	268
2010 Multipurpose LTGO Bond Fund	0	57	0	0	0	0	0	0	57
2013 Multipurpose LTGO Bond Fund	0	0	0	2,438	0	0	0	0	2,438
2014 Multipurpose LTGO Bond Fund	0	0	0	0	262	0	0	0	262
<b>Total*:</b>	700	6,521	2,776	2,438	262	0	0	0	12,697
<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.*

### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	916	0	0	0	0	916
2003 Fire Facilities Fund	268	5,033	2,356	0	0	0	0	7,657
2008 Multipurpose LTGO Bond Fund	372	27	0	0	0	0	0	399
2009 Multipurpose LTGO Bond Fund	238	30	0	0	0	0	0	268
2010 Multipurpose LTGO Bond Fund	0	57	0	0	0	0	0	57
2013 Multipurpose LTGO Bond Fund	0	0	2,438	0	0	0	0	2,438
2014 Multipurpose LTGO Bond Fund	0	0	0	262	0	0	0	262
<b>Total:</b>	878	5,147	5,710	262	0	0	0	11,997

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### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Fire Station 16

<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>	A1FL116	<b>End Date:</b>	Q2/2013
<b>Location:</b>	6846 Oswego Pl NE		
<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>	Green Lake

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 16 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 Green Lake community.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	344	500	0	0	0	0	0	0	844
Seattle Voter-Approved Levy	38	382	0	0	0	0	0	0	420
General Obligation Bonds	0	1,275	0	0	0	0	0	0	1,275
General Obligation Bonds	0	203	0	0	0	0	0	0	203
General Obligation Bonds	0	370	0	0	0	0	0	0	370
<b>Total:</b>	381	2,730	0	0	0	0	0	0	3,112
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	344	500	0	0	0	0	0	0	844
2003 Fire Facilities Fund	38	382	0	0	0	0	0	0	420
2008 Multipurpose LTGO Bond Fund	0	1,275	0	0	0	0	0	0	1,275
2009 Multipurpose LTGO Bond Fund	0	203	0	0	0	0	0	0	203
2010 Multipurpose LTGO Bond Fund	0	370	0	0	0	0	0	0	370
<b>Total*:</b>	381	2,730	0	0	0	0	0	0	3,112
<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.*

### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	500	0	0	0	0	0	0	500
2003 Fire Facilities Fund	0	360	22	0	0	0	0	382
2008 Multipurpose LTGO Bond Fund	1,273	2	0	0	0	0	0	1,275
2009 Multipurpose LTGO Bond Fund	0	203	0	0	0	0	0	203
2010 Multipurpose LTGO Bond Fund	0	370	0	0	0	0	0	370
<b>Total:</b>	1,773	935	22	0	0	0	0	2,730

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

## 2012 - 2017 Adopted 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>	Q3/2011
<b>Project ID:</b>	A1FL118	<b>End Date:</b>	Q1/2015
<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>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	48	0	0	0	0	0	0	48
Seattle Voter-Approved Levy	0	437	0	0	0	0	0	0	437
General Obligation Bonds	0	123	0	0	0	0	0	0	123
General Obligation Bonds	0	0	0	2,557	0	0	0	0	2,557
General Obligation Bonds	0	0	0	0	534	0	0	0	534
<b>Total:</b>	0	608	0	2,557	534	0	0	0	3,698
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	48	0	0	0	0	0	0	48
2003 Fire Facilities Fund	0	437	0	0	0	0	0	0	437
2010 Multipurpose LTGO Bond Fund	0	123	0	0	0	0	0	0	123
2013 Multipurpose LTGO Bond Fund	0	0	0	2,557	0	0	0	0	2,557
2014 Multipurpose LTGO Bond Fund	0	0	0	0	534	0	0	0	534
<b>Total*:</b>	0	608	0	2,557	534	0	0	0	3,698
<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.*

### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	48	0	0	0	0	48
2003 Fire Facilities Fund	0	326	111	0	0	0	0	437
2010 Multipurpose LTGO Bond Fund	0	123	0	0	0	0	0	123
2013 Multipurpose LTGO Bond Fund	0	0	2,557	0	0	0	0	2,557
2014 Multipurpose LTGO Bond Fund	0	0	0	534	0	0	0	534
<b>Total:</b>	0	449	2,715	534	0	0	0	3,698

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## 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	1,136	0	0	0	0	0	1,136
Seattle Voter-Approved Levy	0	0	1,156	0	0	0	0	0	1,156
General Obligation Bonds	0	40	0	0	0	0	0	0	40
General Obligation Bonds	58	730	0	0	0	0	0	0	788
To be determined	0	0	0	0	0	64	0	0	64
General Obligation Bonds	0	0	0	3,975	0	0	0	0	3,975
General Obligation Bonds	0	0	0	0	1,916	0	0	0	1,916
<b>Total:</b>	58	770	2,292	3,975	1,916	64	0	0	9,075
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,136	0	0	0	0	0	1,136
2003 Fire Facilities Fund	0	0	1,156	0	0	0	0	0	1,156
2008 Multipurpose LTGO Bond Fund	0	40	0	0	0	0	0	0	40
2010 Multipurpose LTGO Bond Fund	58	730	0	0	0	0	0	0	788
2013 Multipurpose LTGO Bond Fund	0	0	0	3,975	0	0	0	0	3,975
2014 Multipurpose LTGO Bond Fund	0	0	0	0	1,916	0	0	0	1,916
<b>Total*:</b>	58	770	2,292	3,975	1,916	0	0	0	9,011
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,136	0	0	0	0	1,136
2003 Fire Facilities Fund	0	527	629	0	0	0	0	1,156
2008 Multipurpose LTGO Bond Fund	40	0	0	0	0	0	0	40
2010 Multipurpose LTGO Bond Fund	615	115	0	0	0	0	0	730
To Be Determined	0	0	0	0	64	0	0	64
2013 Multipurpose LTGO Bond Fund	0	0	3,975	0	0	0	0	3,975
2014 Multipurpose LTGO Bond Fund	0	0	0	1,916	0	0	0	1,916
<b>Total:</b>	655	642	5,740	1,916	64	0	0	9,017

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## 2012 - 2017 Adopted Capital Improvement Program

# Finance and Administrative Services

## Fire Station 21

<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>	A1FL121	<b>End Date:</b>	Q1/2013
<b>Location:</b>	7304 Greenwood Ave N		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Greenwood

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds the existing Fire Station 21 on an expanded site. The existing building is not seismically sound and is too small for modern fire operations. In addition to replacing the fire station, the project also provides temporary quarters for firefighters while the fire station is under construction. This project ensures that firefighters will not be hurt in an earthquake and can provide high-quality, modern emergency services to the Greenwood community.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	722	250	0	0	0	0	0	0	972
Seattle Voter-Approved Levy	899	385	0	0	0	0	0	0	1,284
General Obligation Bonds	594	2,622	0	0	0	0	0	0	3,216
<b>Total:</b>	2,215	3,257	0	0	0	0	0	0	5,472
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	722	250	0	0	0	0	0	0	972
2003 Fire Facilities Fund	899	385	0	0	0	0	0	0	1,284
2010 Multipurpose LTGO Bond Fund	594	2,622	0	0	0	0	0	0	3,216
<b>Total*:</b>	2,215	3,257	0	0	0	0	0	0	5,472
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		250	0	0	0	0	0	0	250
2003 Fire Facilities Fund		0	385	0	0	0	0	0	385
2010 Multipurpose LTGO Bond Fund		2,512	110	0	0	0	0	0	2,622
<b>Total:</b>		2,762	496	0	0	0	0	0	3,257

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## 2012 - 2017 Adopted 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>	ON HOLD
<b>Project ID:</b>	A1FL122	<b>End Date:</b>	TBD
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	0	5,500	1,000	0	6,500
General Obligation Bonds	0	0	0	1,000	0	0	0	0	1,000
General Obligation Bonds	0	0	0	0	2,000	0	0	0	2,000
<b>Total:</b>	0	0	0	1,000	2,000	5,500	1,000	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	1,000	0	0	0	0	1,000
2014 Multipurpose LTGO Bond Fund	0	0	0	0	2,000	0	0	0	2,000
<b>Total*:</b>	0	0	0	1,000	2,000	0	0	0	3,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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>	Q4/2014
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	88	438	0	0	0	0	0	526
Seattle Voter-Approved Levy	0	239	0	0	0	0	0	0	239
General Obligation Bonds	0	375	0	0	0	0	0	0	375
General Obligation Bonds	0	43	0	0	0	0	0	0	43
General Obligation Bonds	0	0	0	1,634	0	0	0	0	1,634
<b>Total:</b>	0	746	438	1,634	0	0	0	0	2,817
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	88	438	0	0	0	0	0	526
2003 Fire Facilities Fund	0	239	0	0	0	0	0	0	239
2008 Multipurpose LTGO Bond Fund	0	375	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	0	1,634	0	0	0	0	1,634
<b>Total*:</b>	0	746	438	1,634	0	0	0	0	2,817
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	526	0	0	0	0	526
2003 Fire Facilities Fund	0	217	22	0	0	0	0	239
2008 Multipurpose LTGO Bond Fund	375	0	0	0	0	0	0	375
2010 Multipurpose LTGO Bond Fund	0	43	0	0	0	0	0	43
2013 Multipurpose LTGO Bond Fund	0	0	1,634	0	0	0	0	1,634
<b>Total:</b>	375	260	2,182	0	0	0	0	2,817

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

## 2012 - 2017 Adopted 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>	Q4/2013
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	12	3,031	0	0	0	0	0	0	3,043
General Obligation Bonds	0	296	0	0	0	0	0	0	296
General Obligation Bonds	0	20	0	0	0	0	0	0	20
<b>Total:</b>	12	3,347	0	0	0	0	0	0	3,359
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	12	3,031	0	0	0	0	0	0	3,043
2008 Multipurpose LTGO Bond Fund	0	296	0	0	0	0	0	0	296
2010 Multipurpose LTGO Bond Fund	0	20	0	0	0	0	0	0	20
<b>Total*:</b>	12	3,347	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		79	2,952	0	0	0	0	0	3,031
2008 Multipurpose LTGO Bond Fund		296	0	0	0	0	0	0	296
2010 Multipurpose LTGO Bond Fund		0	20	0	0	0	0	0	20
<b>Total:</b>		375	2,972	0	0	0	0	0	3,347

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## 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	537	0	0	0	0	0	537
Seattle Voter-Approved Levy	0	244	0	0	0	0	0	0	244
General Obligation Bonds	0	375	0	0	0	0	0	0	375
General Obligation Bonds	0	44	0	0	0	0	0	0	44
General Obligation Bonds	0	0	0	1,668	0	0	0	0	1,668
<b>Total:</b>	0	663	537	1,668	0	0	0	0	2,869
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	537	0	0	0	0	0	537
2003 Fire Facilities Fund	0	244	0	0	0	0	0	0	244
2008 Multipurpose LTGO Bond Fund	0	375	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	0	1,668	0	0	0	0	1,668
<b>Total*:</b>	0	663	537	1,668	0	0	0	0	2,869
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	537	0	0	0	0	537
2003 Fire Facilities Fund	0	221	23	0	0	0	0	244
2008 Multipurpose LTGO Bond Fund	375	0	0	0	0	0	0	375
2010 Multipurpose LTGO Bond Fund	0	44	0	0	0	0	0	44
2013 Multipurpose LTGO Bond Fund	0	0	1,668	0	0	0	0	1,668
<b>Total:</b>	375	265	2,228	0	0	0	0	2,869

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

## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	10	0	0	0	0	0	0	10
Seattle Voter-Approved Levy	20	1,824	0	0	0	0	0	0	1,844
General Obligation Bonds	8	586	0	0	0	0	0	0	594
General Obligation Bonds	0	43	0	0	0	0	0	0	43
General Obligation Bonds	0	0	0	35	0	0	0	0	35
General Obligation Bonds	0	0	0	0	15	0	0	0	15
<b>Total:</b>	27	2,464	0	35	15	0	0	0	2,541
<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	20	1,824	0	0	0	0	0	0	1,844
2008 Multipurpose LTGO Bond Fund	8	586	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	0	35	0	0	0	0	35
2014 Multipurpose LTGO Bond Fund	0	0	0	0	15	0	0	0	15
<b>Total*:</b>	27	2,464	0	35	15	0	0	0	2,541
<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.*

## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	10	0	0	0	0	10
2003 Fire Facilities Fund	15	1,152	657	0	0	0	0	1,824
2008 Multipurpose LTGO Bond Fund	586	0	0	0	0	0	0	586
2010 Multipurpose LTGO Bond Fund	0	43	0	0	0	0	0	43
2013 Multipurpose LTGO Bond Fund	0	0	35	0	0	0	0	35
2014 Multipurpose LTGO Bond Fund	0	0	0	15	0	0	0	15
<b>Total:</b>	601	1,195	702	15	0	0	0	2,514

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

## 2012 - 2017 Adopted 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>	Q2/2012
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	911	1	0	0	0	0	0	0	911
Seattle Voter-Approved Levy	5,012	774	0	0	0	0	0	0	5,786
General Obligation Bonds	4,589	88	0	0	0	0	0	0	4,677
General Obligation Bonds	0	381	0	0	0	0	0	0	381
<b>Total:</b>	10,512	1,243	0	0	0	0	0	0	11,755
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	911	1	0	0	0	0	0	0	911
2003 Fire Facilities Fund	5,012	774	0	0	0	0	0	0	5,786
2008 Multipurpose LTGO Bond Fund	4,589	88	0	0	0	0	0	0	4,677
2010 Multipurpose LTGO Bond Fund	0	381	0	0	0	0	0	0	381
<b>Total*:</b>	10,512	1,243	0	0	0	0	0	0	11,755
<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		1	0	0	0	0	0	0	1
2003 Fire Facilities Fund		383	390	0	0	0	0	0	774
2008 Multipurpose LTGO Bond Fund		88	0	0	0	0	0	0	88
2010 Multipurpose LTGO Bond Fund		0	381	0	0	0	0	0	381
<b>Total:</b>		472	772	0	0	0	0	0	1,243

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

## 2012 - 2017 Adopted 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>	Q3/2011
<b>Project ID:</b>	A1FL129	<b>End Date:</b>	Q1/2015
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	19	0	0	0	0	0	0	19
Seattle Voter-Approved Levy	0	473	0	0	0	0	0	0	473
General Obligation Bonds	0	56	0	0	0	0	0	0	56
General Obligation Bonds	0	0	0	2,303	0	0	0	0	2,303
General Obligation Bonds	0	0	0	0	481	0	0	0	481
<b>Total:</b>	0	547	0	2,303	481	0	0	0	3,330
<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	473	0	0	0	0	0	0	473
2010 Multipurpose LTGO Bond Fund	0	56	0	0	0	0	0	0	56
2013 Multipurpose LTGO Bond Fund	0	0	0	2,303	0	0	0	0	2,303
2014 Multipurpose LTGO Bond Fund	0	0	0	0	481	0	0	0	481
<b>Total*:</b>	0	547	0	2,303	481	0	0	0	3,330
<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.*

## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	19	0	0	0	0	19
2003 Fire Facilities Fund	0	389	84	0	0	0	0	473
2010 Multipurpose LTGO Bond Fund	0	56	0	0	0	0	0	56
2013 Multipurpose LTGO Bond Fund	0	0	2,303	0	0	0	0	2,303
2014 Multipurpose LTGO Bond Fund	0	0	0	481	0	0	0	481
<b>Total:</b>	0	444	2,406	481	0	0	0	3,330

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

## 2012 - 2017 Adopted Capital Improvement Program



# Finance and Administrative Services

## Fire Station 30

<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>	A1FL130	<b>End Date:</b>	Q2/2012
<b>Location:</b>	2931 S Mount Baker Blvd		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	North Rainier

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 30 at its existing site. It also provides temporary quarters for firefighters while the fire station is under construction. The existing Fire Station 30 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 Mount Baker community.

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	559	199	0	0	0	0	0	0	757
Seattle Voter-Approved Levy	3,904	600	0	0	0	0	0	0	4,504
General Obligation Bonds	519	86	0	0	0	0	0	0	605
General Obligation Bonds	0	13	0	0	0	0	0	0	13
<b>Total:</b>	4,981	898	0	0	0	0	0	0	5,879
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	559	199	0	0	0	0	0	0	757
2003 Fire Facilities Fund	3,904	600	0	0	0	0	0	0	4,504
2008 Multipurpose LTGO Bond Fund	519	86	0	0	0	0	0	0	605
2010 Multipurpose LTGO Bond Fund	0	13	0	0	0	0	0	0	13
<b>Total*:</b>	4,981	898	0	0	0	0	0	0	5,879
<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		199	0	0	0	0	0	0	199
2003 Fire Facilities Fund		534	66	0	0	0	0	0	600
2008 Multipurpose LTGO Bond Fund		86	0	0	0	0	0	0	86
2010 Multipurpose LTGO Bond Fund		0	13	0	0	0	0	0	13
<b>Total:</b>		819	80	0	0	0	0	0	898

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

## 2012 - 2017 Adopted 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>	Q1/2016
<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 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	26	5,019	47	1,925	0	0	0	0	7,017
Seattle Voter-Approved Levy	216	1,808	0	0	0	0	0	0	2,024
General Obligation Bonds	0	0	0	6,019	0	0	0	0	6,019
<b>Total:</b>	242	6,827	47	7,944	0	0	0	0	15,059
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	26	5,019	47	1,925	0	0	0	0	7,017
2003 Fire Facilities Fund	216	1,808	0	0	0	0	0	0	2,024
2013 Multipurpose LTGO Bond Fund	0	0	0	6,019	0	0	0	0	6,019
<b>Total*:</b>	242	6,827	47	7,944	0	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		0	819	2,140	3,849	156	26	0	6,990
2003 Fire Facilities Fund		2	1,489	318	0	0	0	0	1,808
2013 Multipurpose LTGO Bond Fund		0	0	6,019	0	0	0	0	6,019
<b>Total:</b>		2	2,308	8,477	3,849	156	26	0	14,818

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

### 2012 - 2017 Adopted 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>	Q2/2015
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	7	190	0	0	0	0	0	0	197
Seattle Voter-Approved Levy	0	229	0	0	0	0	0	0	229
General Obligation Bonds	0	410	0	0	0	0	0	0	410
General Obligation Bonds	0	19	0	0	0	0	0	0	19
To be determined	0	0	0	0	0	17	0	0	17
General Obligation Bonds	0	0	0	1,232	0	0	0	0	1,232
General Obligation Bonds	0	0	0	0	584	0	0	0	584
<b>Total:</b>	7	848	0	1,232	584	17	0	0	2,687
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	7	190	0	0	0	0	0	0	197
2003 Fire Facilities Fund	0	229	0	0	0	0	0	0	229
2008 Multipurpose LTGO Bond Fund	0	410	0	0	0	0	0	0	410
2010 Multipurpose LTGO Bond Fund	0	19	0	0	0	0	0	0	19
2013 Multipurpose LTGO Bond Fund	0	0	0	1,232	0	0	0	0	1,232
2014 Multipurpose LTGO Bond Fund	0	0	0	0	584	0	0	0	584
<b>Total*:</b>	7	848	0	1,232	584	0	0	0	2,670
<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.*

### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	190	0	0	0	0	190
2003 Fire Facilities Fund	9	200	21	0	0	0	0	229
2008 Multipurpose LTGO Bond Fund	410	0	0	0	0	0	0	410
2010 Multipurpose LTGO Bond Fund	0	19	0	0	0	0	0	19
To Be Determined	0	0	0	0	17	0	0	17
2013 Multipurpose LTGO Bond Fund	0	0	1,232	0	0	0	0	1,232
2014 Multipurpose LTGO Bond Fund	0	0	0	584	0	0	0	584
<b>Total:</b>	419	219	1,442	584	17	0	0	2,680

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### 2012 - 2017 Adopted 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>	Q2/2011
<b>Project ID:</b>	A1FL136	<b>End Date:</b>	Q2/2014
<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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	119	555	0	0	0	0	0	674
Seattle Voter-Approved Levy	0	708	1,269	0	0	0	0	0	1,977
General Obligation Bonds	0	575	0	0	0	0	0	0	575
General Obligation Bonds	0	40	0	0	0	0	0	0	40
General Obligation Bonds	0	0	0	102	0	0	0	0	102
General Obligation Bonds	0	0	0	0	32	0	0	0	32
<b>Total:</b>	0	1,443	1,823	102	32	0	0	0	3,399
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	119	555	0	0	0	0	0	674
2003 Fire Facilities Fund	0	708	1,269	0	0	0	0	0	1,977
2008 Multipurpose LTGO Bond Fund	0	575	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	0	102	0	0	0	0	102
2014 Multipurpose LTGO Bond Fund	0	0	0	0	32	0	0	0	32
<b>Total*:</b>	0	1,443	1,823	102	32	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.*

### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	674	0	0	0	0	674
2003 Fire Facilities Fund	7	1,136	833	0	0	0	0	1,977
2008 Multipurpose LTGO Bond Fund	575	0	0	0	0	0	0	575
2010 Multipurpose LTGO Bond Fund	0	40	0	0	0	0	0	40
2013 Multipurpose LTGO Bond Fund	0	0	102	0	0	0	0	102
2014 Multipurpose LTGO Bond Fund	0	0	0	32	0	0	0	32
<b>Total:</b>	582	1,177	1,609	32	0	0	0	3,399

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

## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Fire Station 37

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	A1FL137	<b>End Date:</b>	Q1/2012
<b>Location:</b>	7700 35th 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, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 37 at a new site. The existing Fire Station 37 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 High Point community.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	221	67	0	0	0	0	0	0	288
Seattle Voter-Approved Levy	3,857	92	0	0	0	0	0	0	3,949
<b>Total:</b>	4,078	159	0	0	0	0	0	0	4,237
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	221	67	0	0	0	0	0	0	288
2003 Fire Facilities Fund	3,857	92	0	0	0	0	0	0	3,949
<b>Total*:</b>	4,078	159	0	0	0	0	0	0	4,237
<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		67	0	0	0	0	0	0	67
2003 Fire Facilities Fund		92	0	0	0	0	0	0	92
<b>Total:</b>		159	0	0	0	0	0	0	159

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

### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Fire Station 38

<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>	A1FL138	<b>End Date:</b>	Q2/2012
<b>Location:</b>	4004 NE 55th 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, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 38 at a new site. The existing Fire Station 38 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 Hawthorne Hills community.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	157	107	0	0	0	0	0	0	264
Seattle Voter-Approved Levy	3,748	126	0	0	0	0	0	0	3,874
General Obligation Bonds	13	37	0	0	0	0	0	0	50
General Obligation Bonds	332	168	0	0	0	0	0	0	500
General Obligation Bonds	0	22	0	0	0	0	0	0	22
<b>Total:</b>	4,251	459	0	0	0	0	0	0	4,710
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	157	107	0	0	0	0	0	0	264
2003 Fire Facilities Fund	3,748	126	0	0	0	0	0	0	3,874
2008 Multipurpose LTGO Bond Fund	13	37	0	0	0	0	0	0	50
2009 Multipurpose LTGO Bond Fund	332	168	0	0	0	0	0	0	500
2010 Multipurpose LTGO Bond Fund	0	22	0	0	0	0	0	0	22
<b>Total*:</b>	4,251	459	0	0	0	0	0	0	4,710
<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.*

### 2012 - 2017 Adopted Capital Improvement Program



## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	107	0	0	0	0	0	0	107
2003 Fire Facilities Fund	105	22	0	0	0	0	0	126
2008 Multipurpose LTGO Bond Fund	37	0	0	0	0	0	0	37
2009 Multipurpose LTGO Bond Fund	168	0	0	0	0	0	0	168
2010 Multipurpose LTGO Bond Fund	0	22	0	0	0	0	0	22
<b>Total:</b>	416	43	0	0	0	0	0	459

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

## 2012 - 2017 Adopted 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>	Q2/2011
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	340	0	0	0	0	0	0	340
Seattle Voter-Approved Levy	0	1,346	0	0	0	0	0	0	1,346
General Obligation Bonds	0	210	0	0	0	0	0	0	210
General Obligation Bonds	0	301	0	0	0	0	0	0	301
General Obligation Bonds	0	0	0	340	0	0	0	0	340
<b>Total:</b>	0	2,197	0	340	0	0	0	0	2,537
<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	0	1,346	0	0	0	0	0	0	1,346
2009 Multipurpose LTGO Bond Fund	0	210	0	0	0	0	0	0	210
2010 Multipurpose LTGO Bond Fund	0	301	0	0	0	0	0	0	301
2013 Multipurpose LTGO Bond Fund	0	0	0	340	0	0	0	0	340
<b>Total*:</b>	0	2,197	0	340	0	0	0	0	2,537
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	340	0	0	0	0	340
2003 Fire Facilities Fund	5	831	510	0	0	0	0	1,346
2009 Multipurpose LTGO Bond Fund	210	0	0	0	0	0	0	210
2010 Multipurpose LTGO Bond Fund	275	26	0	0	0	0	0	301
2013 Multipurpose LTGO Bond Fund	0	0	340	0	0	0	0	340
<b>Total:</b>	490	857	1,191	0	0	0	0	2,537

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## 2012 - 2017 Adopted 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>	TBD
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	835	931	0	0	0	0	0	0	1,766
<b>Total:</b>	835	931	0	0	0	0	0	0	1,766
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	835	931	0	0	0	0	0	0	1,766
<b>Total*:</b>	835	931	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		466	465	0	0	0	0	0	931
<b>Total:</b>		466	465	0	0	0	0	0	931

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### 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	10,479	5,586	5,590	6,513	2,776	3,035	3,036	3,036	40,051
<b>Total:</b>	10,479	5,586	5,590	6,513	2,776	3,035	3,036	3,036	40,051
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	10,479	5,586	5,590	6,513	2,776	3,035	3,036	3,036	40,051
<b>Total*:</b>	10,479	5,586	5,590	6,513	2,776	3,035	3,036	3,036	40,051
<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		5,586	5,590	6,513	2,776	3,035	3,036	3,036	29,572
<b>Total:</b>		5,586	5,590	6,513	2,776	3,035	3,036	3,036	29,572

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### 2012 - 2017 Adopted 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	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	502	0	0	0	0	0	502
Insurance Settlement Proceeds	0	532	0	0	0	0	0	0	532
<b>Total:</b>	0	532	502	0	0	0	0	0	1,034
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	502	0	0	0	0	0	502
Finance and Administrative Services Fund	0	532	0	0	0	0	0	0	532
<b>Total*:</b>	0	532	502	0	0	0	0	0	1,034

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### 2012 - 2017 Adopted 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>	TBD
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<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	14,783	69	0	0	0	0	0	0	14,852
General Obligation Bonds	696	0	0	0	0	0	0	0	696
General Obligation Bonds	2,190	1,310	0	0	0	0	0	0	3,500
<b>Total:</b>	21,967	1,378	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	14,783	69	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	2,190	1,310	0	0	0	0	0	0	3,500
<b>Total*:</b>	21,967	1,378	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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### 2012 - 2017 Adopted 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	27	42	0	0	0	0	0	69
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
2008 Multipurpose LTGO Bond Fund	90	1,220	0	0	0	0	0	1,310
<b>Total:</b>	117	1,261	0	0	0	0	0	1,378

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	232	23	23	24	25	26	26	27	406
<b>Total:</b>	232	23	23	24	25	26	26	27	406
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	232	23	23	24	25	26	26	27	406
<b>Total*:</b>	232	23	23	24	25	26	26	27	406
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

# Finance and Administrative Services

## North Precinct 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>	Q1/2011
<b>Project ID:</b>	A1PS105	<b>End Date:</b>	Q4/2012
<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 upgrades to the SPD North Precinct facility. Typical improvements may include, but are not limited to replacement of existing substandard emergency generator components, parking improvements, facility operational planning, infrastructure upgrades to adequately support existing personnel, and security enhancements. These improvements support police service by extending the operational life of old police facilities, complying with regulatory requirements, or addressing capacity problems

	LTD Actuals	2011 Rev	2012	2013	2014	2015	2016	2017	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	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 I Subaccount	0	500	0	0	0	0	0	0	500
<b>Total*:</b>	0	500	0	0	0	0	0	0	500
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		400	100	0	0	0	0	0	500
<b>Total:</b>		400	100	0	0	0	0	0	500

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## 2012 - 2017 Adopted 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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	520	0	0	0	0	0	520
<b>Total:</b>	0	0	520	0	0	0	0	0	520
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	520	0	0	0	0	0	520
<b>Total*:</b>	0	0	520	0	0	0	0	0	520
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted 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>	Q4/2013
<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.

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,230	115	100	0	0	0	0	0	1,445
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
General Obligation Bonds	1,184	0	0	0	0	0	0	0	1,184
<b>Total:</b>	<b>2,720</b>	<b>165</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,985</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,230	115	100	0	0	0	0	0	1,445
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
2002B LTGO Capital Project Fund	1,184	0	0	0	0	0	0	0	1,184
<b>Total*:</b>	<b>2,720</b>	<b>165</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,985</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	60	156	0	0	0	0	0	215
Cumulative Reserve Subfund - Unrestricted Subaccount	50	0	0	0	0	0	0	50
Municipal Civic Center Fund	0	0	0	0	0	0	0	0
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
<b>Total:</b>	110	156	0	0	0	0	0	265

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## 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### Stormwater Drainage

<b>BCL/Program Name:</b>	Environmental Stewardship	<b>BCL/Program Code:</b>	A1GM3
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	A1GM308	<b>End Date:</b>	Q4/2012
<b>Location:</b>	Various City owned facilities		
<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 upgrades the drainage systems at City's FAS-owned facilities, including fire stations. Typical improvements may include, but are not limited to upgrading systems which divert the wastewater from washing fire apparatus to the sanitary sewer system or other code compliant means of collection. This project enhances the quality of the City's water systems and addresses the City's compliance with the Stormwater, Grading, and Drainage Control Code (SMC 22.800).

	<b>LTD Actuals</b>	<b>2011 Rev</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	150	100	0	0	0	0	0	250
<b>Total:</b>	0	150	100	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	150	100	0	0	0	0	0	250
<b>Total*:</b>	0	150	100	0	0	0	0	0	250

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### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
K733239-02	12th Avenue Park Development	This project will provide a small urban park.	0 564 12th AVE
K730138	Bell Street Park Boulevard Development	This project will provide 17,000 square feet of pedestrian and environmentally-friendly amenities such as swales, natural landscaping, and benches.	0 Bell ST
K73484	Belltown Neighborhood Center	This project will provide approximately 6,000 square feet of leased space on an ongoing basis to accommodate community gatherings in the Belltown area.	0 2407 1st Ave
K730144	Bitter Lake Reservoir Park Renovation	This project will add nearly three acres of open space and park amenities to the City's park and recreation resources.	0 Linden AVE N/N 143rd ST
K732370	Cheshiahud Trail	This project will add and enhance bicycle and pedestrian trails. Capacity will depend on the project scope that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	0 Around Lake Union
K730031	Community Food Gardens and P-Patches	This project adds community gardens and P-Patches to afford more opportunities to the public for growing food locally.	0 Citywide
K732424	Crew Quarters Replacement (Magnuson Park)	This project adds a building to house landscape crew staff and volunteers for the ongoing care of Magnuson Park.	763 6500 Sand Point WAY NE
K730086	Crown Hill Elementary Park Development	This project adds more than two acres of open space, ballfields, and park amenities to the City's park and recreation resources.	0 Holman Road 13th AVE NW
K733080	Crown Hill School Open Space Development	This project adds more than two acres of open space, ballfields, and park amenities to the City's park and recreation resources.	0 Holman Rd NW/13th Ave NW
K733275	Dakota Place Park, Phase II	The project completes the 2,400 square foot building interior of space that will house classes and events.	0 4304 SW Dakota ST
K730103	Delridge Skatepark Development	This project provides a 13,000 skatepark at this community park.	0 4458 Delridge WAY SW
K731231	Discovery Park - Capehart Acquisition	This project will purchase 23 acres of property which will be restored to open space and natural habitat.	0 3801 W Government Wy
K730139	Donations- Green Space	This project will acquire various new properties.	0 Citywide

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
K730145	East James Court Development	This project will add 7,332 square foot of pedestrian friendly space to Seattle Parks.	0 12th AVE/E James CT
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
K730088	Georgetown Playfield Spray Park Development	This project converts a wading pool into a spray facility with water conservation elements.	0 750 S Homer ST
K732391	Golf Master Plan Implementation	This project includes new driving ranges, building replacements, perimeter trails and cart paths.	6,003 Citywide
K733002	Green Space Acquisition General	This project will acquire various new properties.	0 Citywide
K730011	Green Space Acquisitions-2008 Parks Levy	This project will acquire various new properties.	750 Citywide
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.	0 423 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
K733274	Jefferson Park Development - Phase II	This project adds pathways and lighting to the park.	0 4165 16th AVE S
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
K730130	Jefferson Park Skatepark Development	This project adds a large, 18,000 square foot "district" skatepark to the park.	0 4165 16th AVE S
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.	400 2150 S Norman ST
K730077	Kirke Park Development (formerly 9th Avenue NW Park Development)	This project will provide a new 0.8 acre neighborhood park.	0 7028 9th AVE NW

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted Capital Improvement Program



## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
K733134	Lake Union Park - Development (formerly South Lake Union Park - Development)	This project will redevelop approximately 12 acres of largely unimproved open space to serve as active parkland.	0 1000 Valley St
K730150	Lower Kinnear Park Renovation	The project will redevelop the park making it more inviting and usable.	0 899 W Olympic PL
K730097	Magnolia Off Leash Park Development	This project adds one off-leash area in the Magnolia neighborhood.	0
K730099	Maple Leaf Reservoir Park Development	This project adds 16 acres of open space and recreational amenities on a lidded reservoir.	4,070 1020 NE 82nd ST
K730100	Marra-Desimone Park Development	This project will provide community and recreation space to the 8.7 acre site.	0 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.	0
K730117	Northacres Park (Wading Pool #2) Spray Park Development	This project converts a wading pool into a spray facility with water conservation elements.	0 12718 1st AVE NE
K733175	Opportunity Fund Acquisitions	This project will acquire various new properties.	0 Citywide
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.	6,726 8802 Rainier Ave S
K730153	Rainier Beach Urban Farm and Wetlands Improvements	This project develops a working organic urban farm, wetlands, and related amenities that will be open to the public.	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

\*Amounts in thousands of dollars

### 2012 - 2017 Adopted Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
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.	0 2001 Western AVE
K730157	Walt Hundley Playfield Renovation	This project increases the field usability to year-round use.	0 6920 34th AVE SW
K730132	Washington Park Arboretum Improvements- 2008 Parks Levy	This project renovates park areas with new horticultural displays and trails.	1,018 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

## Seattle Department of Transportation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
TC366220	14th Ave. S Street Improvements	This project will design and construct transportation and drainage improvements along 14 Ave. S.	0 14th Ave S/Dallas Ave S/S Director St

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
TC366050	Alaskan Way Viaduct & Seawall Replacement	This project funds the City's involvement in the replacement of the Alaskan Way Viaduct and Seawall.	16,627 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
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.	5,497 Citywide
TC364830	Burke-Gilman Trail Extension	This project will construct three miles of new multi-use trail.	0 Various
TC366600	Center City Access Strategy Program	This project will make improvements to the Center City transportation network.	100 Downtown
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.	148 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
TC367100	First Hill Streetcar	The project constructs a modern, low-floor streetcar system.	48,623 Various
TC365850	Freight Spot Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	635 Duwamish
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
TC365870	Intelligent Transportation Systems (ITS) Plan Implementation	This project supports future ITS planning and local match opportunities.	0 Citywide
TC327000	Lake Union Ship Canal Trail	This project will construct 0.75 miles of new trail.	0 W Nickerson St/6th Ave W/15th Ave W

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Department of Transportation

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
TC323130	Left Turn Signals	This project will add between three and ten left turn signals annually.	186 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.	5,802 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.	10,854 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.	11,173 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.	891 Citywide
TC367090	Railroad Crossing Signal Improvements	This project will install new railroad crossing gates and flashing lights.	1,189 Broad St B/Alaskan Way/Elliott Ave Broad St B/Alaskan Way/Elliott Ave
TC366150	S Lander St. Grade Separation	The project will develop a grade separation of the S Lander St. roadway and the Burlington Northern mainline tracks between 1st and 4th Avenues S.	0 S Lander St/1st Ave S/4th Ave S
TC367040	Sound Transit - University Link	This project will provide design review, permitting, and construction support services for the Sound Transit University Link project.	64 TBD
TC366310	Sound Transit Construction Services	This project will support construction and provide construction management services for Sound Transit's Central Link light rail project.	0 Various

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## Seattle Department of Transportation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
TC367190	Sound Transit North Link	Construct a 4.3-mile light rail line and three stations at Northgate, Roosevelt and University District.	100
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.	11,815 S Spokane St/6th Ave S/E Marginal Wy S
TC366960	SR-519 Phase II	This project will construct public plazas, relocate and construct public and private utilities, and construct a public elevator.	0 1st Ave S/Atlantic St
TC367030	Terry Avenue North Street Improvements	This project will build sidewalk and street improvements.	0 Terry Ave N/Thomas St/Mercer St
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.	15 Elliott Ave W/W Thomas St
TC366860	Transit Corridor Projects	This program implements projects that improve transit speed, reliability, access, and convenience, consistent with the Seattle Transit Plan.	9,318 Citywide
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	2012* 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.	1,530 SR 99 / Battery St
C4102-WF	Alaskan Way Viaduct & Seawall Replacement Program - WF	This project will relocate, replace and protect water facilities affected by the replacement of the Alaskan Way Viaduct and Seawall with a new seawall and transportation facility.	1,694 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

\*Amounts in thousands of dollars

### 2012 - 2017 Adopted Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
C3603	Ballard Roadside Raingardens Phase I - ARRA-CWSRF	This project increases capacity to convey combined sewer flows by slowing stormwater flows and reducing volumes entering the combined system, this is achieved by infiltrating or reusing stormwater and/or diverting stormwater flows to separated storm systems.	129 Ballard
C3313	Best Management Practice Program	This program will provide water quality improvement projects in the Norfolk, South Park, and Densmore drainage basins.	50 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.	1,137 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.	1,455 Various
C3373	Capitol Hill Water Quality Project	The project treats 7.2 cfs of stormwater runoff from Capitol Hill.	2,724 Yale Ave N/Pontius Ave N/Thomas Street
C1307	Cedar Bridges	This project will replace deteriorated bridges in the Cedar River Watershed.	625 Cedar River Watershed
C1605	Cedar Sockeye Hatchery	This project will construct an incubation facility capable of producing 34 million "swim-up" Sockeye fry.	320 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.	4,241 Densmore Basin
C1128	Distribution System Improvements	This project will improve the distribution system to meet customer service levels.	1,125 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 infiltrating or reusing stormwater and/or diverting stormwater flows to separated storm systems.	2,603 Citywide
C3807	Inflow/Infiltration Control	This project will add capacity to the existing sanitary sewer collection system by reducing unregulated flows.	377 Various

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Public Utilities

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
C3802	Localized Flood Control Program	This program will provide flood control and local drainage and wastewater projects in under-served parts of Seattle to improve system capacity or increase the existing level of service.	4,689 Various
C3604	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	5,029 N/A
C3805	Madison Valley Long Term Solution	The project will provide an estimated additional stormwater storage capacity of 2.8 million gallons.	317 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.	335 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.	364 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.	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.	0 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.	561 Citywide
C4105-DWF	Operations Control Center - DWF	This program will improve facilities at the Operations Control Center.	85 2700 Airport Way S
C4105-SWF	Operations Control Center - SWF	This program will improve facilities at the Operations Control Center.	27 2700 Airport Way S
C4105-WF	Operations Control Center - WF	This program will improve facilities at the Operations Control Center.	192 2700 Airport Way S

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

# Seattle Public Utilities

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
C3703	Pump Station and Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	2,766 Various
C4107-WF	Regional Facility - WF	This program will improve facilities at SPU's regional sites.	2,682 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.	1,887 Citywide Plus Wholesale
C1411	Reservoir Covering - Maple Leaf	This project will underground Maple Leaf Reservoir to protect drinking water quality.	6,000 NE 86th St/Roosevelt Wy NE
C1410	Reservoir Covering - Myrtle	This project will underground Myrtle Reservoir to protect drinking water quality.	10 SW Myrtle St/35th Ave SW
C1407	Reservoir Covering - Volunteer	This project will underground Volunteer Reservoir to protect drinking water quality.	0 E Prospect St./12th Ave. E
C1409	Reservoir Covering - West Seattle	This project will underground West Seattle Reservoir to protect drinking water quality.	100 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.	1,507 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.	1,908 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.	663 Citywide & Direct Service
C4113-DWF	Security Improvements - DWF	This program will provide increased security and protection at SPU facilities.	148 Citywide
C4113-SWF	Security Improvements - SWF	This program will provide increased security and protection at SPU facilities.	89 Citywide

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program



# Seattle Public Utilities

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
C4113-WF	Security Improvements - WF	This program will provide increased security and water quality protection at SPU facilities.	2,000 Citywide
C4135-DWF	Sound Transit - North Link - DWF	N/A	88 Various
C4135-WF	Sound Transit - North Link - WF	N/A	88 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.	120 Central & South areas of Seattle
C3806	South Park Pump Station	The Pump Station will be constructed to pump up to 44 cubic feet per sec (CFS) and designed to be expanded to an ultimate capacity of 88 CFS. The water quality facility will be designed to treat stormwater flows up to 11 CFS, with the balance of higher flows bypassing the facility and pumped directly to the river.	6,778 698 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.	11,271 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.	100 Taylor Creek at Rainier Ave S
C3811	Thornton Confluence Improvement	This project will increase floodplain capacity at the Thornton Creek confluence.	800 Thornton Creek
C3333	Venema Creek Natural Drainage System	This project increases the capacity to convey stormwater flows.	1,101 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.	102 Citywide
C1113	Water Infrastructure - New Taps	This project will install approx. 800 new taps per year to domestic, commercial, and fire protection systems.	4,080 Citywide
C1111	Water Infrastructure - Watermain Extensions	This project will install approximately 8,000 feet of new watermain per year.	663 Citywide

*\*Amounts in thousands of dollars*

## 2012 - 2017 Adopted Capital Improvement Program

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
C1102	Water Infrastructure-Seismic Upgrade Pipelines	This project will provide seismic improvements to make major pipelines more earthquake resistant.	1 Citywide
C3605	Windermere Combined Sewer Overflow Storage	This project will construct approximately 3,000,000 gallons of Combined Sewer Overflow storage capacity.	13,672 NE 65th St./Sand Point Way NE

## Seattle City Light

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* 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.	41,366 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.	66 700 5th Avenue
9950	Automated Utility Design Implementation	This project replaces electric utility design software.	50 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.	519 10382 Boundary Rd, Metaline, WA 99153
6489	Boundary Dam - Safety Instrumentation House	This project will consolidate safety instrumentation equipment and onsite monitoring at a central location to enhance dam performance monitoring.	97 10382 Boundary Rd, Metaline, WA 99153
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.	0 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

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
6493	Boundary Switchyard - Generator Step-up Transformers	This project will purchase a step-up transformers including a spare.	2,694 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.	1,817 319 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.	604 1st Ave South/145th Street/139th Street
9954	CCSS System Improvements	This project makes improvements to the Consolidated Customer Service System shared with Seattle Public Utilities.	560 System Wide
8420	Cedar Falls - Chester Morse Lake Pump Station Line Extension	This project will design and construct a 12,000 foot, 26.4 kV dedicated distribution line from an existing 115 kV transmission line and nearby new switchyard to Seattle Public Utilities (SPU)-owned facilities at the Masonry Dam near Chester Morse Lake.	1,048 19901 Cedar Falls Rd SE, North Bend, WA 98045
7805	Cedar Falls Switchyard - Expansion for Morse Lake Pumps	This project will construct a tap into an existing 115 kV Rattlesnake Lake transmission line, and provide design and construction of a new switchyard that will supply dedicated electric power to Seattle Public Utilities.	794 19901 Cedar Falls Rd SE, North Bend, WA 98045
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.	430 System Wide
8430	Creston-Nelson to Intergate East Feeder Installation	This project will install a new feeder.	1,755 Tukwila
6481	Diablo Facility - Storage Building	This project will construct a new storage/work building.	447 Milepost 126 State Highway 20
6413	Diablo Powerhouse - 240 KV Bus Tap for Station Service	This project installs a bus tap, transformer, and other equipment to enable the powerhouse to tap into the 240 kV ring bus in the Diablo Switchyard.	0 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.	0 Milepost 126 State Highway 20

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
9307	Distribution Area Communications Networks	This project will provide fiber rings to Seattle-area facilities to create a secure digital communications network.	2,214 Citywide
8442	First Hill Connector Streetcar	This project provides for utility relocations to facilitate construction of the First Hill Connector streetcar project.	2,102 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.	600 500 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.	519 Milepost 121 State Highway 20
9955	Integrated Budget System	This project upgrades the utility's budget preparation software.	0 System Wide
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.	6,067 System Wide
8202	Massachusetts Street Substation - Networks	This project will install new vaults and conduits in the Massachusetts Street Substation service area.	4,545 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.	8,561 System Wide
8376	Mercer Corridor Relocations	This project will convert existing overhead power distribution systems to underground and relocate existing transmission lines underground.	1,430 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.	436 Mercer/Broad/Aurora
8054	Meter Additions	This project will install new meters and upgrade existing meters annually.	4,364 System Wide
9953	Meter Reading Software Replacement	This project upgrades the utility's meter reading software.	583 System Wide

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
8429	Mobile Workforce Implementation	This project will provide mobile communication and computing equipment for Seattle City Light workers to use in the field.	548 Citywide
8383	Neighborhood Voluntary Undergrounding Program	This project will provide City Light resources to serve potential Voluntary Undergrounding Program customers.	35 System Wide
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.	3,474 319 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.	3,517 1555 Utah AV S
9943	Network Geographic Information Systems	This projects moves the network geographic information to a new application environment.	733 System Wide
8129	Network Hazeltine Upgrade	This project will install upgraded equipment in the existing network monitoring system.	622 System Wide
7757	North Downtown Substation Development	This project will provide property acquisition and site remediation for a future 200 MVA substation in North Downtown.	181 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.	0 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.	3,557 System Wide

*\*Amounts in thousands of dollars*

## 2012 - 2017 Adopted Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
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.	2,761 System Wide
8452	Pole Attachment Requests Preparation Work	This project supports requests from other utilities and communication companies to utilize SCL poles.	1,498 System Wide
9226	Pole Yard Relocation	This project will fund construction of a new pole yard.	263
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.	2,287 500 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
9006	Safety Modifications	This project will modify City Light's facilities and provide equipment to protect employees and customers from health and safety hazards, and to meet safety and health code requirements.	229 Citywide
8444	SeaTac Undergrounding	This project undergrounds utilities in SeaTac along South 154th Street between 24th Avenue South & 32nd Ave South.	715 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.	775 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).	2,028 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.	0 10382 Boundary Rd, Metaline, WA 99153

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
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.	80 500 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.	6,095 System Wide
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.	29 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	65 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	263 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.	285 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.	1,038 Outside the City of Seattle
8389	Special Work Equipment - Shops	This project will provide new tools and work equipment to replace outdated equipment and update technical systems to current standards.	0 System Wide
8434	State Route 99 Capacity Additions and Relocations	This project increases feeder and transmission capacity and supports utility relocation associated with the lowering of State Route 99.	0 SR99/Mercer
7751	Substation Capacity Additions	This project will provide new infrastructure to existing substations and systems by adding transformers and related equipment.	1,531 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.	0 System Wide

\*Amounts in thousands of dollars

## 2012 - 2017 Adopted Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
6323	Tolt Powerhouse - Power Monitoring Equipment Upgrades	This project will increase the site monitoring capability.	0 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.	616 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.	2,569 System Wide
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.	3,150 System Wide
8201	Union Street Substation Networks	This project will install new vaults and conduits in the Union Street Substation service area.	1,487 1312 Western AV
9101	Vehicle Replacement	This project will replace and expand City Light's heavy-duty mobile equipment fleet, and provide for the gradual replacement of light-duty vehicles owned by City Light.	8,949 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.	8,697 700 5th Avenue

## Finance and Administrative Services

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* 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

*\*Amounts in thousands of dollars*

## 2012 - 2017 Adopted Capital Improvement Program



## Finance and Administrative Services

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
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.	1,724 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.	0 3829 Linden Ave N
A1FL114	Fire Station 14	This project renovates and expands the existing Fire Station 14, adding approximately 5,000 square feet.	2,776 3224 4th Ave S
A1FL120	Fire Station 20	This project replaces the existing Fire Station 20 with a new 8,400 square foot facility, adding approximately 5,500 square feet.	2,292 2800 15th AVE W
A1FL121	Fire Station 21	This project replaces the existing Fire Station 21 with a new 8,200 square foot facility, adding approximately 4,200 square feet.	0 7304 Greenwood Ave N
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
A1FL130	Fire Station 30	This project replaces the existing Fire Station 30 with a new 9,000 square foot facility, adding approximately 5,500 square feet.	0 2931 S Mount Baker Blvd
A1FL132	Fire Station 32	This project replaces the existing Fire Station 32 with a new 20,000 square foot facility, adding approximately 11,500 square feet.	47 3715 SW Alaska St
A1FL137	Fire Station 37	This project replaces the existing Fire Station 37 with a new 9,300 square foot facility, adding approximately 5,100 square feet.	0 7700 35th Ave SW
A1FL138	Fire Station 38	This project replaces the existing Fire Station 38 with a new 8,200 square foot facility, adding approximately 5,500 square feet.	0 4004 NE 55th Street

*\*Amounts in thousands of dollars*

### 2012 - 2017 Adopted Capital Improvement Program

## Finance and Administrative Services

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
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.	502
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.	520

## Seattle Center

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2012* Location
S0501	Lot 2 Development	This project adds a 10,500 square foot skatepark.	0 5th Ave N/Republican St
S0103	Theatre District Improvements	This project will add one acre of additional green space.	0 Mercer St/2nd Ave N/5th Ave N

*\*Amounts in thousands of dollars*

## 2012 - 2017 Adopted Capital Improvement Program

**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.

## 2012-2017 Adopted Capital Improvement Program

**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)

### 2012-2017 Adopted Capital Improvement Program

**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.

