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CITY OF  
*Seattle, Washington*

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**2011-2016 Adopted  
Capital Improvement Program**



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**CITY OF SEATTLE  
2011-2016 ADOPTED  
CAPITAL IMPROVEMENT PROGRAM**

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### Reader's Guide to the 2011-2016 Adopted Capital Improvement Program

The City of Seattle's 2011-2016 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 631 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 2009; the 2010 revised budget (including 2010 Adopted Budget, carry-forward balances, abandonments, and supplemental appropriations); adopted 2011 appropriations, endorsed 2012 appropriations; and estimated appropriation requests for 2013-2016. "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 2011-2012 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.



### Overview

The City of Seattle prepares a citywide six-year Capital Improvement Program (CIP) each year that allocates existing funds and anticipated revenues to rehabilitate, restore, improve, and add to the City's capital facilities. Projects in the CIP cover a wide range of capital improvements, including street repairs, park restoration, and work on electrical substations. The CIP document, prepared by the City Budget Office based on submissions from City departments, is approved by the Mayor, and is then submitted to the City Council for adoption along with the City's annual budget. The CIP is updated each year to reflect ongoing changes. The CIP does not appropriate funds, but rather functions as a budgeting tool, supporting the actual appropriations that are made through adoption of the budget. The CIP is consistent with the City's Comprehensive Plan and includes information required by the State's Growth Management Act (GMA).

The City of Seattle 2011-2016 Adopted Capital Improvement Program can be found on the City of Seattle website at: <http://www.seattle.gov/budgetoffice/>.

### Citywide Summary

The 2011-2016 Adopted CIP reflects the City of Seattle's priorities to protect public health and safety, to make investments in sustainable infrastructure, to support economic vitality for all by enhancing reliability and accessibility to the City's transportation network, and to invest in the preservation of the City's many existing physical assets, both man-made and natural.

Many of the projects in the 2011-2016 Adopted CIP build civic, cultural, or public safety facilities funded by voter-approved levies and bonds (e.g., the 2003 "Fire Facilities and Emergency Response" Levy). Utility-funded CIP projects in Seattle City Light (SCL) and Seattle Public Utilities (SPU) improve or maintain the utility infrastructure that serves residents and businesses of Seattle and surrounding areas. CIP projects in the Seattle Department of Transportation (SDOT) are funded by multiple fund sources – local, state, federal, and a voter-approved levy (e.g., Bridging the Gap) – and focus on streets, bridges, trails, sidewalks, and other elements of the City's transportation infrastructure. Key projects are more fully described later in this overview, and details on funding and schedule can be found in the individual department sections.

The 2011-2016 Adopted CIP totals about \$4.3 billion for six years and includes approximately 630 individual projects. About \$2.7 billion of the six-year total, or 64% of the total CIP, consists of utility projects that are managed by SCL and SPU, and mostly are funded by utility rates. Approximately \$1.2 billion (27%) is in 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 \$390 million, or 9% of the six-year CIP.

Department capital appropriations for the coming year are made through the 2011 Adopted Budget, which includes details following each departmental budget section. For informational purposes only, the table on the next page shows the total 2011-2016 allocations by department and the accompanying pie chart displays the adopted allocations for 2011 only.

## Overview

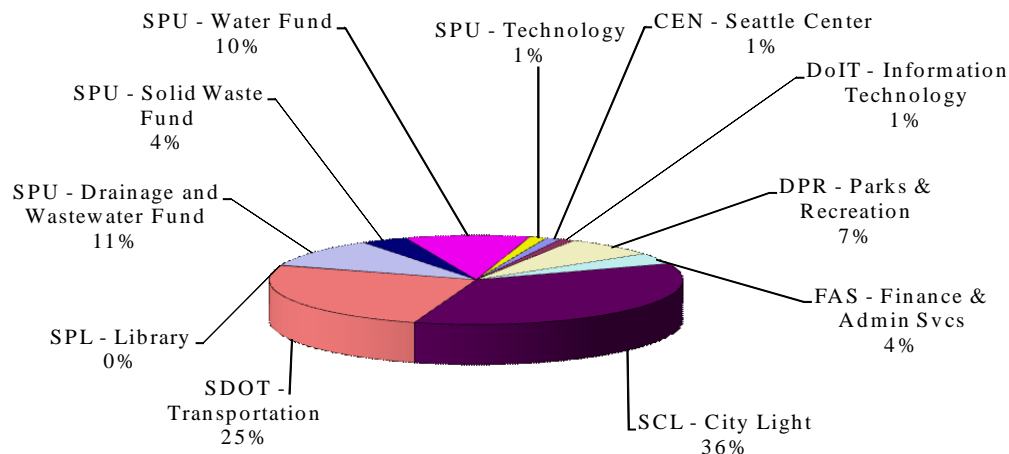
### 2011-2016 Adopted CIP by Department (dollars in thousands)

Department	2010 Adopted <sup>1</sup>	2010 Revised <sup>2</sup>	2011 Adopted <sup>3</sup>	2012 Endorsed	2013-16 CIP	2011-16 Total
Finance and Administrative Services	25,423	114,365	30,496	44,293	60,091	134,880
Information Technology	12,132	17,443	8,277	7,687	41,490	57,454
Parks and Recreation	24,987	90,116	55,289	32,059	56,421	143,769
Seattle Center	4,526	16,854	9,116	3,208	29,523	41,847
Seattle Public Library	1,031	2,523	1,050	820	7,990	9,860
Seattle Transportation	206,321	371,198	193,039	187,647	793,823	1,174,508
<b>Subtotal</b>	<b>274,420</b>	<b>612,499</b>	<b>297,267</b>	<b>275,714</b>	<b>989,338</b>	<b>1,562,318</b>
<b>City-owned Utilities</b>						
Seattle City Light	243,199	298,424	271,771	279,199	1,004,402	1,555,372
SPU - Drainage & Wastewater	81,093	82,220	79,785	87,622	352,512	519,919
SPU - Solid Waste	32,122	32,595	27,833	37,977	103,394	169,203
SPU - Technology Projects	10,424	10,575	10,248	13,207	75,526	98,981
SPU - Water	90,719	93,770	74,338	60,344	241,113	375,794
<b>Subtotal</b>	<b>457,557</b>	<b>517,584</b>	<b>463,974</b>	<b>478,349</b>	<b>1,776,947</b>	<b>2,719,270</b>
<b>City Total</b>	<b>731,977</b>	<b>1,130,083</b>	<b>761,241</b>	<b>754,062</b>	<b>2,766,285</b>	<b>4,281,588</b>

Notes:

1. 2010 Adopted totals are based on the 2010-2015 Adopted CIP.
2. The 2010 Revised column shows 2010 Adopted totals, plus carryovers, abandonments and supplementals added during the 2010 fiscal year.
3. Not all funds above are appropriated; see the 2011 Adopted Budget for a list of capital appropriations by department.

### 2011 Adopted CIP by Department - \$761 million



### 2011-2016 Adopted Capital Improvement Program

**CIP Revenue Sources**

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.

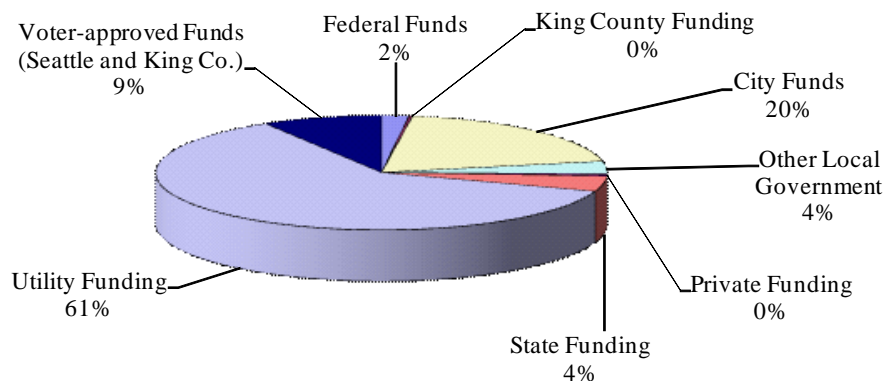
General tax support of capital spending is strained much more so than past years. The General Fund faces a \$67 million deficit for 2011, leaving little room to support additional capital spending. Real Estate Excise Taxes (REET), a tax dedicated to capital spending, has declined significantly. The City collected \$71.8 million in REET revenue in 2007, as compared with only \$23.4 million projected for 2011, a decline of over 67 percent. These revenue declines result in the deferral of capital projects that would otherwise be funded.

The table below identifies funding sources for the 2011-2016 Adopted CIP by Revenue Source Group.

Revenue Source Group (in 1,000s)	2010 Revised	2011 Adopted	2012 Endorsed	2013-16 CIP	2011-16 Total
Federal Funds	69,789	14,858	9,086	8,264	32,209
King County Funding	5,352	1,932	225	30,100	32,257
City Funds	275,738	149,466	70,708	213,628	433,802
Other Local Government	7,568	27,376	50,926	51,091	129,392
Private Funding	36,756	4,221	7,242	33,595	45,058
State Funding	42,780	32,967	18,867	174,462	226,296
To Be Determined <sup>1</sup>	-	-	3,155	75,226	78,381
Utility Funding	523,516	464,739	482,146	1,784,454	2,731,339
Voter-Approved Funds (Seattle and King County)	168,584	65,683	111,707	395,465	572,854
<b>Total</b>	<b>1,130,083</b>	<b>761,241</b>	<b>754,062</b>	<b>2,766,285</b>	<b>4,281,588</b>

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.

**2011 Adopted CIP by Revenue Source Group**



**2011 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 2011-2012 Adopted Budget.

2011/2012 Appropriations	Budget Control Level (BCL)	Fund Name	2010 Adopted <sup>1</sup>	2011 Adopted	2012 Endorsed
<b>Appropriations - Special Projects</b>					
1998B Capital Facilities Refunding REET I BCL	2CCE0-1	REET I	3,018	3,038	1,186
CRS REET I Support to McCaw Hall Fund	2SC10	REET I	200	200	200
Artwork Conservation - OACA – CRS REET I BCL	V2ACGM-163	REET I	187	187	187
Design Commission CRS REET I	2UU50-DC-163	REET I	374	374	374
Tenant Relocation Assistance Program - CRF - REET I BCL	2UU51	REET I	113	113	113
Tenant Relocation Assistance Program - CRF-UR BCL	2UU50-TA	Unrestricted	74	74	74
Support to Transportation		Unrestricted	1,135	1,113	1,074
Support to General Fund <sup>2</sup>		Unrestricted	0	8,500	0
MOHAI <sup>2</sup>		Unrestricted	0	11,500	0
<b>Special Projects Total</b>			<b>5,101</b>	<b>25,099</b>	<b>3,208</b>
<b>Allocations - Department Summaries - Information Only</b>					
Department of Parks and Recreation	Various	CRS	10,637	10,446	14,333
Finance and Administrative Services Department	Various	CRS	10,393	10,179	13,146
Seattle Center	Various	CRS	1,318	3,460	2,808
Seattle Public Library	Various	CRS	1,031	830	600
Seattle Department of Transportation	Various	CRS	9,811	6,119	5,383
<b>Dept Summaries Total</b>			<b>33,190</b>	<b>31,034</b>	<b>36,270</b>
<b>GRAND TOTAL</b>			<b>38,291</b>	<b>56,133</b>	<b>39,478</b>

Notes:

1. 2010 Adopted are based on the 2010-2015 Adopted CIP.
2. The CRS-Unrestricted Subaccount is being used to facilitate the distribution of the proceeds from the sale of the McCurdy Park facilities formerly occupied by the Museum of History and Industry (MOHAI). \$8.5 million of the proceeds are retained and appropriated in 2011 to support General Subfund programs. \$11.5 million is appropriated for transfer to MOHAI in 2011.

**2011-2016 Adopted Capital Improvement Program**

## Capital Projects Funds

In addition to the Cumulative Reserve Subfund, the City establishes capital project funds to account for resources set aside to acquire or construct major capital facilities, except those financed by proprietary funds. These funds have been established to monitor the revenue and expenditures of specifically authorized revenues, such as voter-approved and councilmanic bonds and levies. Descriptions of various types of capital projects funds follow.

**General Subfund:** General Subfund dollars appear in the CIP in two places: the General Subfund contribution towards debt service costs of councilmanic debt and appropriations to capital projects from a department's operating budget.

**Limited Tax General Obligation Bonds:** The City's operating budget includes expenditures to pay debt service on general obligation bonds that were issued to finance certain projects. Limited tax general obligation ("LTGO" or "councilmanic") bonds are bonds 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.

**Unlimited Tax General Obligation Bonds:** Funds have also been established to account for expenditures of a second type of general obligation bond – unlimited tax general obligation ("UTGO" or "voted") bonds. These voted bonds are issued after receiving approval by 60% of the voters in an election with at least 40% turnout. The debt service on these bonds is repaid from additional ("excess") property tax revenues, which voters approve as part of the bond measure.

**Utility Funds:** These funds exist to account for both the operating and capital expenses of Seattle Public Utilities and Seattle City Light. The utility funds are: Seattle City Light Fund, and Seattle Public Utility's Drainage and Wastewater Fund, Solid Waste Fund, and Water Fund.

**Private Dollars:** Some departments show private funding contributing to their capital projects. There are two ways in which private funds appear in the CIP: private dollars that go towards a capital project but do not pass through the City in any way, and private dollars which are deposited in City funds, appropriated in the City budget, and spent on a department's capital project.

## Significant Components of the 2011-2016 Adopted CIP

The 2011-2016 Adopted CIP includes projects for a wide array of City programs, including:

### **Culture & Recreation Amenities**

3. Parks and Recreation
4. Seattle Center
5. Seattle Public Library

### **Transportation**

#### **Seattle City Light**

#### **Seattle Public Utilities**

6. Drainage and Wastewater Utility
7. Solid Waste Utility
8. Water Utility

### General Government

9. Information Technology
10. Finance & Administrative Services

Highlights and details the CIP for these program areas are included in the detail pages that follow this overview.

## Support for Neighborhoods and Neighborhood Plan Projects

The 2011-2016 Adopted CIP contains more than 141 projects, totaling approximately \$279 million, in support of neighborhood plans. 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 (e.g., 2000 Parks Levy), the Neighborhood Matching Subfund, the Cumulative Reserve Subfund, utility funds, Community Development Block Grant funds, and other public and private sources.

**Effort to Update Neighborhood Plans:** In 2010, the City is engaged in implementing the neighborhood plans in Southeast Seattle in station areas along the Sound Transit Light Rail alignment, specifically for Othello, North Rainier and North Beacon Hill. The City expects to substantively complete the implementation of these plans in the first quarter of 2011.

As part of the 2011-2012 Adopted Budget, the City plans to precede community outreach work in the two new Neighborhood Plan areas, Broadview/Bitterlake/Haller Lake, and Rainier Beach, with an initial phase of coordinated infrastructure planning. The coordinated infrastructure planning initiative is led by the Department of Planning and Development and is intended to identify and coordinate infrastructure improvements where possible in these neighborhoods. This approach focuses the early planning work on identifying issues related to infrastructure needs and future growth targets to ultimately improve the effectiveness of the neighborhood planning process. In 2011, this coordinated infrastructure planning work includes analyzing GIS data to identify current needs, evaluating demands from future growth, and identifying the best opportunities for cross-departmental coordination to complete project(s) more efficiently in these neighborhoods. In 2011, work is also performed to identify funding for capital projects to address infrastructure deficiencies in the neighborhoods. Community engagement for the neighborhood plan updates in Broadview/Bitterlake/Haller Lake, and Rainier Beach begins in earnest in the second quarter of 2011.

The Department of Planning and Development will continue to lead the Neighborhood Plan process with active involvement from Department of Neighborhoods, Seattle Department of Transportation, Department of Parks and Recreation, Seattle Public Utilities, Seattle City Light, Office of Housing, and other departments as necessary. The Department of Neighborhoods will coordinate public outreach efforts.

## Overview

**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. An additional \$257,000 in gas tax revenue is added to the program, for a total of \$1.27 million in 2011. 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 2010, resulting in the project list below. The Department of Parks and Recreation budget includes \$30,000 of CRS REET II funding and SDOT's budget includes \$970,000 of CRS REET II funding and \$247,000 from gas tax. See SDOT project TC365770 (NSF/CRS Neighborhood Program) and Parks project K732376 (Neighborhood Capital Program) for more detail.

### 2011 Neighborhood Projects Funds – Small Projects

District Council	Project ID #	Project Description	Dept	NSF Amount
Ballard	2009-012	Traffic calming at NW 67th St & 18th Ave NW	SDOT	18,500
Ballard	2009-016	Pedestrian improvement at Leary Ave NW and 20th Ave NW	SDOT	7,000
Ballard	2009-015	Curb bulb at 14th Ave NW and NW 60th St	SDOT	60,000
<b>Ballard Subtotal</b>				<b>85,500</b>
Central	2010-28	Curb bulb at 23rd Ave & E Terrace Street	SDOT	90,000
<b>Central Subtotal</b>				<b>90,000</b>
Delridge	2010-025	Traffic circle at 34th Ave SW & SW Cloverdale Street	SDOT	20,000
Delridge	2010-29	Pedestrian improvement at Delridge Way SW & SW Croft Place	SDOT	60,000
<b>Delridge Subtotal</b>				<b>80,000</b>
Downtown	2010-027	Sidewalk repair on 3rd Ave between Battery & Bell Streets	SDOT	61,000
Downtown	2009-009	Kiosk replacement on 5th Avenue & Union Street	SDOT	35,000
<b>Downtown Subtotal</b>				<b>96,000</b>
East	2010-30	Sidewalk repair on E John & Thomas Streets between 23rd & 19th Aves East	SDOT	97,000
<b>East Subtotal</b>				<b>97,000</b>
Greater Duwamish	2009-162	Sidewalk on S Elmgrove St at 10th Ave S	SDOT	85,000
<b>Greater Duwamish Subtotal</b>				<b>85,000</b>
Lake Union	2009-096	N 43rd Street Bicycle Boulevard	SDOT	110,000
<b>Lake Union Subtotal</b>				<b>110,000</b>
Magnolia/Queen Anne	2010-002	Street repair on W Bertona St between 16th & 17th Aves W	SDOT	21,000
Magnolia/Queen Anne	2010-003	Curb repair on west side of Bigelow Ave W between Crockett and Newton Streets	SDOT	60,000
<b>Magnolia/Queen Anne Subtotal</b>				<b>81,000</b>
North	2009-039	Asphalt walkway on NE 115th St between 5th and 7th	SDOT	81,000
<b>North Subtotal</b>				<b>81,000</b>

### 2011-2016 Adopted Capital Improvement Program

## Overview

District Council	Project ID #	Project Description	Dept	NSF Amount
Northeast	2010-020	Traffic circle at NE 50th Street & 44th Ave NE	SDOT	20,000
Northeast	2010-021	Asphalt walkway on NE 50th St between 40th Ave NE and Sand Point Way NE	SDOT	78,000
<b>Northeast Subtotal</b>				<b>98,000</b>
Northwest	2009-016	Asphalt walkway on N 100th St between Densmore & Ashworth Aves N	SDOT	91,000
<b>Northwest Subtotal</b>				<b>91,000</b>
Southeast	2010-011	Asphalt walkway on S Webster St at 44th Ave S	SDOT	85,000
<b>Southeast Subtotal</b>				<b>85,000</b>
Southwest	2010-001	Walkway on west side of 44th Ave SW between Webster and Fontanelle Sts.	Parks	30,000
Southwest	2009-120	Traffic calming for 48th Ave SW from SW Graham to SW Juneau Sts, and SW Frontenac & Myrtle Sts from Fautleroy Way SW to California Ave SW	SDOT	60,000
<b>Southwest Subtotal</b>				<b>90,000</b>
<b>GRAND TOTAL</b>				<b>1,169,500</b>

**Large Neighborhood Street Fund Projects:** The Bridging the Gap Levy provides approximately \$1.5 million per year on a triennial basis for larger neighborhood projects estimated to cost over \$100,000. The 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).

An additional \$332,000 in 2011 and \$352,000 in 2012 has been added to the Large Projects Fund from General Fund resources. With the new revenue, additional projects may be selected.



**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 2011, the Municipal Art Fund is expected to receive approximately \$2.4 million from capital departments for the One Percent for Art program, as described below.

<b>One Percent for Art Revenues</b>	<b>2009 Actuals</b>	<b>2010 Adopted</b>	<b>2011 Adopted</b>
City Light	440,030	438,047	363,382
Seattle Public Utilities	880,529	903,000	978,000
Finance and Administrative Services	106,300	174,540	162,250
Library	0	0	0
Seattle Center	20,000	2,250	36,650
Parks & Recreation	121,240	97,930	222,140
Transportation	771,612	882,749	663,430
<b>Totals</b>	<b>2,339,711</b>	<b>2,498,516</b>	<b>2,425,852</b>

In addition to the One Percent for Art revenues identified above, OACA receives \$187,000 in 2011 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,

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.

### Key Policies Guiding the City's Capital Investments

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 the key policies, and how they are reflected in the 2011-2016 Adopted CIP.

**Asset Preservation:** In 2002, the Executive undertook an assessment of the City's demands for major maintenance and facility improvement projects. This effort, which was an outgrowth of the City's update to its 2001 financial policies, was intended to develop an annual funding target for asset preservation investments (formerly referred to as "major maintenance") that would reflect an updated assessment of the City's capital infrastructure. The Asset Preservation Study found that, despite achieving targets recommended by the Citizens' Capital Investment Committee in 1994, the City still lagged behind industry-recommended levels of investment in asset preservation. The four General Government departments involved in the study (Finance and Administrative Services, Library, Parks and Recreation, and Seattle Center) are responsible for about of 6.9 million square feet of building space, 2.6 million square feet of parking space, and 240 million square feet of grounds (primarily green space) and work yards. These assets have a replacement value of approximately \$5 billion. Assuming an annual asset preservation funding target of 1.0% of the replacement value for buildings and 0.5% of the replacement value for other assets, the City should be investing about \$48 million (2011 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 2011, the City is spending \$17.1 million from the CRS and approximately \$37.8 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 \$60.4 million is allocated to asset preservation of infrastructure in 2011. In the 2011-2016 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.

Capital Projects Account Funding for Asset Preservation in Departments Other than Transportation and Utilities					
\$ Million	2009 Adopted	2010 Adopted	2011 Adopted	2012 Endorsed	Cumulative (Through 2012)
Budget <sup>1</sup>	\$21.8	\$15.3	\$17.1	\$20.1	\$52.5
Target	\$47.3	\$47.4	\$48.1	\$49.1	\$144.6
Budget minus Target	(\$25.5)	(\$32.2)	(\$31.0)	(\$29.0)	(\$92.1)
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)	(\$11.8)	(\$41.5)
1) Budget represents funding levels from the Capital Projects Account					

**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.

**Sustainable Building Policy:** In February 2000, the City Council adopted a Sustainable Building Policy for the City of Seattle (Resolution 30121). The policy is based on criteria given by the U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) rating system. All capital construction which falls under the Sustainable Building Policy (new or renovated facilities larger than 5,000 square feet) is expected to budget to meet the LEED "silver standard" or higher. Sustainable building uses materials and methods that promote environmental quality, economic vitality, and social benefit through the design, construction, and operation of the built environment.

In addition, the City received a \$20 million Energy Efficiency and Conservation Block Grant through the federal stimulus program, accepted by the City Council in July 2010 (Ordinance 123360). With this funding, the City has teamed with more than 40 public, private, utility, and nonprofit partners to create Community Power Works (CPW). CPW will put thousands of people to work in green jobs in the retrofit industry, while reducing carbon emissions. The grant provides one-time funding to deliver significant energy efficiency retrofits in residential, commercial, hospital, and municipal buildings in the Central District, South Downtown and Southeast Seattle. This target district is home to some of the city's most

**2011-2016 Adopted Capital Improvement Program**

## Overview

culturally and economically diverse populations and businesses, where nearly 60 million square feet of buildings was constructed prior to 1982 energy performance standards.

**Alignment with City of Seattle Comprehensive Plan:** Development of the 2011-2016 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 stormwater and one for combined sewer system. The City is required, for example, to invest hundreds of millions of dollars in the combined sewer/stormwater 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 implementing measures to facilitate fish passage near the Landsburg Diversion Dam on the Cedar River. Other projects include creating Cedar River downstream fish habitat, fish passage facilities, and protective fish screening to prevent salmon entrapment in the water supply system. City Light and Seattle Public Utilities are also acquiring salmon habitat in the Green/Duwamish, Cedar/Lake Washington, Skagit, and Snohomish watersheds as part of the City's Early Action Plan.

**Americans with Disabilities Act:** 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 facilities that the DOJ has identified that need to be updated or modified in order to be in compliance with ADA standards. In 2011, the City anticipates reaching agreement with the DOJ regarding the noted findings, including steps which the City will take to remedy agreed deficiencies. In addition, the City will be undertaking a survey of facilities not audited by DOJ to assess their compliance with the ADA. As a result, the 2011-2012 Adopted Budget includes funding for a project manager who will provide oversight on work to survey the City facilities for compliance; determine and report compliance to DOJ on the agreement; and review and modify as needed the facilities design process with regard to the ADA. The 2011-2012 Adopted Budget also includes funding to begin updates to City facilities where required to meet ADA standards.

**Small and Economically-Disadvantaged Business Assistance:** The City has taken steps to address contracting equity for small and economically-disadvantaged businesses, including minority- and women-owned businesses. Several City departments (Seattle Public Utilities, Seattle City Light, Seattle Department of Transportation, and the Finance and Administrative Services department on behalf of General Fund departments) have contracts with the Contractor Development and Competitiveness Center (CDCC), which is managed by the Urban League of Metropolitan Seattle. The CDCC provides assistance to small construction firms, including minority- and women-owned businesses, in support of City public works projects. The CDCC provides these businesses with a bridge to resources available in the small business community for professional, managerial, and technical development.

### Next Steps and Strategic Planning

In addition to projects funded in the 2011-2016 Adopted CIP, there are projects that remain without funding that must be considered. Some of these capital projects are required, while others are desirable but not mandated. For many of these projects, the scope of the work and timing of expenditures is flexible to some extent.

Some examples include replacement of the North Precinct, Fire Headquarters and replacement of aging streetlight infrastructure. Additional funding is needed for maintenance of the City's transportation infrastructure and investments in more sustainable transportation solutions that will be guided in part by the outcome of the Transit Master Plan update and work of the Citizens' Transportation Advisory Committee III (CTAC III). The disposition of some city capital projects are dependent upon the timing and outcome of major state projects including replacement of the SR 520 Bridge and removal of the Alaskan Way Viaduct, both of which may have impacts on when and where nearby fire stations can be retrofitted.

Full funding for the City's responsibility related to replacement of the Elliott Bay Seawall needs to be secured quickly to allow for work to continue as planned. 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.

In order to layout an approach for prioritizing and meeting these and other capital needs, a Strategic Capital Planning effort has begun. The plan will help to outline options for how to address these challenges in the future and will ensure the city is making appropriate investment decisions with the future always in mind. Preliminary information is anticipated to be available in early 2011. The costs of these potential capital obligations must be kept in mind when determining how to allocate the City's limited resources in the near-term.



# **PARKS AND RECREATION**





## Overview of Facilities and Programs

The Department of Parks and Recreation (DPR) manages more than 430 parks and open areas in its approximately 6,200 acres of property throughout the City; works with the public to be good stewards of the park system; and provides safe and welcoming opportunities for the public to play, learn, contemplate, and build community. The park system comprises about 11% of the City's land area. It includes approximately 488 buildings, 185 athletic fields, 130 children's play areas, 26 community centers, 151 outdoor tennis courts, 22 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, and a classical Japanese garden. The Woodland Park Zoological Society operates the zoo with City financial support and the Seattle Aquarium Society operates the City-owned Seattle Aquarium.

The development of this system is guided by the Seattle Parks & Recreation Plan 2000, the 38 neighborhood plans, the 2008 Parks and Green Spaces Levy, the 2000 Parks Levy, the 1999 Seattle Center and Community Centers Levy, DPR's annual update to the Asset Management Plan, and by the Parks and Recreation Strategic Action Plan.

Funds for the projects in this document come from a variety of sources, including three levies, the Cumulative Reserve Subfund, councilmanic debt, the Shoreline Park Improvement Fund, many other special fund sources, grants, and private donations.

The 2008 Parks and Green Spaces Levy 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 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 will fund other community-identified projects. The main policy oversight body for the Levy beyond the mayor and the city council is a citizens' Levy Oversight Committee.

The 2000 Parks Levy was an eight-year, \$198.2 million levy that funded more than 100 projects to acquire, improve, and develop parks, playfields and trails, improve maintenance, increase environmental stewardship programs, and enhance recreational programming for teens and seniors. The Levy closely follows the plan forged by the Pro Parks 2000 Citizens Planning Committee.

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 aging community centers and provide new ones for underserved areas. The Community Centers portion of the \$72 million 1999 levy totaled \$36 million.

## Highlights

- ◆ **2008 Parks and Green Spaces Levy Projects:** The 2008 Parks and Green Spaces Levy provides distinct funding for acquisition of neighborhood parks and green spaces; development or restoration of parks, playgrounds, playfields, cultural facilities and trails; environmental work restoring urban forests and streams and acquiring and developing community gardens and P-

## Department of Parks and Recreation

Patches; and an Opportunity Fund for acquisition and development projects identified by neighborhood and community groups.

Through 2009 and 2010, approximately \$42 million of levy funds were appropriated. Of the levy development projects, 54 of 60 will have been started through 2011 and 14 completed through 2010. To date, five acquisitions have been completed including one neighborhood park (Capitol Hill Urban Center Village), and four green spaces (Waldo Woods, two at Duwamish Head, and Me-Kwa-Mooks) with levy funds. In addition, three trail projects are being managed by the Seattle Department of Transportation (SDOT).

The Levy Oversight Committee began evaluating proposals for the first round of distributions from the Opportunity Fund in 2010; recommendations will be proposed for funding in 2011. In 2010, the Levy Oversight Committee approved transferring an additional \$1 million from the acquisition category to the development category for the Bell Street Park Boulevard Project.

- ◆ **2000 Parks Levy Projects:** The 2000 Parks Levy Program includes three distinct capital funding elements: property acquisitions, park and facility development projects, and acquisition and development projects pursued through an Opportunity Fund program that awards Levy funding to applicant projects on a competitive basis.

Through the second quarter of 2010, the department has acquired 71 new properties under the 2000 Parks Levy program; only the First Hill neighborhood park acquisition remains to be acquired. In total, 85 of the 90 named development projects managed by DPR have been completed (five trails projects are managed by SDOT). All remaining development projects (except First Hill) are under way.

Of the Opportunity Fund development projects, 21 are completed and three are under construction with completion scheduled for 2011. A new project funded with a matching grant from Environmental Protection Agency (EPA), the Magnuson Park Wetlands – Shore Ponds Project, will enhance the natural environment of the park and provide habitat location.

- ◆ **1999 Community Center Levy Projects:** Eight of the nine community center projects funded by the 1999 Community Center Levy are completed. DPR continues to pursue options for locating the Belltown Community Center.
- ◆ **Lake Union Park (formerly South Lake Union):** In 2008, with funding from the 2000 Parks Levy and a \$5 million donation from City Investors, DPR completed construction of Phase I of Lake Union (LU) Park, which included constructing terraces, a boardwalk, and a pedestrian bridge; replacing the bulkhead; and installing utilities.

Construction of Phase II of Lake Union Park was completed in 2010. This includes a new pedestrian and vehicle entry on Valley Street, construction of a centerpiece fountain, creation of a 'Great Lawn' and installation of a model boat pond and landscaping. City Investors provided an additional \$5 million for Phase II. The Seattle Parks Foundation has raised \$10 million in additional private funds for phase two of the park project. In addition to the park development project, the Museum of History and Industry will move into and lease the Lake Union Armory in 2011 and will renovate the facility.

- ◆ **Waterfront Piers:** DPR owns four saltwater piers (58, 59, 60, and 62/63) on the Puget Sound waterfront. The Executive will review and coordinate planning for the City's properties on the

### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

waterfront in conjunction with the Alaskan Way Viaduct and Seawall Replacement Project. DPR's 2011-2016 Adopted CIP includes projects which will extend the useful life of Pier 60.

- ◆ **Ballfields:** As part of DPR's Ballfield Turf and Lighting Replacement plan, ballfields have been converted from sand or grass to synthetic turf in order to reduce maintenance costs and allow for longer hours of programming for public use. In 2010, renovation of Delridge and Genesee playfields were accomplished via the 2008 Parks Levy. In 2011, the lighting will be replaced at the Bobby Morris Playfield.
- ◆ **Reservoir Lid Park Projects:** Park development on the lidded Jefferson Park, West Seattle, and Maple Leaf reservoirs continues in 2011. These projects protect the City's water supply and create additional open space.
- ◆ **Urban Forests:** Many park development projects include the addition of trees to park land. Three designated ongoing CIP projects provide \$1.1 million of funding in 2011, including Urban Forestry - Forest Restoration, Urban Forestry – Green Seattle Partnership, and Urban Forestry – Tree Replacement. In 2007, DPR entered into an agreement with the Seattle Foundation to accept a \$1 million grant for a Seward Park forest restoration program which is being implemented over 10 years. In addition, the 2008 Parks Levy provides \$8 million for environmental programs. A new project for West Duwamish restoration, funded by a State grant, will be used in cooperation with the Nature Consortium for habitat, recreation improvements, or stewardship of the Soundway properties.
- ◆ **Golf Master Plan:** In 2011, the City will continue implementation of the Golf Master Plan that will provide major improvements at the four City-owned golf courses (Interbay, Jackson, Jefferson and West Seattle), including building replacements, driving ranges, cart path improvements, and course and landscaping renovation. Revenue from the golf courses will cover associated costs for these projects. These improvements will be phased over 6+ years.
- ◆ **Utility Conservation:** In the 2007-2012 Adopted CIP, a new project was added to implement energy and water-conserving renovations in DPR facilities. Several tasks were undertaken during the last biennium, including retrofitting lighting systems at seven locations, installing variable frequency drives at two pools, energy management controls in a number of facilities, high efficiency furnaces in two locations, and installing pool covers and ultraviolet water treatment systems at two pools. In 2011-2012, DPR anticipates installing an additional pool cover, high efficiency lighting in numerous locations, high-efficiency boilers, and variable frequency motors and controls for mechanical systems at various DPR facilities. The program leverages available funds by tapping conservation rebates from the local utilities.
- ◆ **Municipal Energy Efficiency Program:** A capital energy efficiency program is included in the 2011 CIP 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.
- ◆ **Discovery Park:** In the 2005-2010 Adopted CIP, the Shoreline Park Improvement Fund (SPIF) 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 DPR. In the 2006-2011 Adopted CIP, with concurrence from the West Point Citizens Advisory Committee, the City reallocated funding for several of the existing West Point Settlement projects to help pay for the purchase and restoration of the Capehart housing property in Discovery Park. In

### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

2007, DPR completed negotiations for the purchase of the Capehart property and acquired the first six acres. Acquisition of the remaining 17 acres of the Capehart property closed in 2010 with restoration to return the site into natural area to follow. DPR expects to have all settlement agreement projects completed by the end of 2012.

- ◆ **Neighborhood Project Fund** (Formally known as Cumulative Reserve Subfund (CRS) Neighborhood Program): In 2011, one Parks project to install a walkway on the east side of Solstice Park for \$30,000 is funded with CRS in the Neighborhood Projects Funds. Projects are selected from a larger list of recommended projects that were prioritized by Neighborhood District Councils.
- ◆ **Warren G. Magnuson Park:** The 2011 Adopted CIP provides funding for one project at Warren G. Magnuson Park: Magnuson Park Wetlands – Shore Ponds, which matches a \$500,000 EPA grant.
- ◆ **South East Seattle Projects:** The 2011-2016 Adopted CIP includes several capital projects in South East Seattle neighborhoods, including redevelopment of the Rainier Beach Community Center and pool, \$1 million for Jefferson Skatepark development, \$600,000 for Judkins Skatespot development, and the continuing restoration of the Seward Park Forest. DPR conducted a public input process and provided a written report in early 2010 on short-term public safety improvements for the park and is working in conjunction with other community groups to determine potential long-term improvements.
- ◆ **2010 Supplemental Funding:** Funding from various sources for capital projects were approved in 2010, including a \$290,000 grant from the Arboretum Foundation to be used towards construction of the Washington Park Arboretum Pacific Connections Garden Phase II, also funded in part by the 2008 Parks and Green Spaces Levy. The 2008 Parks Levy designated \$500,000 in funding for Washington Park Arboretum improvements and \$511,000 for a new renovation project at Genesee Playfield #2. Funding of \$305,000 from the Open Spaces and Trails Fund for green space acquisition at the East Duwamish Greenbelt was also approved.
- ◆ **Real Estate Excise Tax (REET) Funding:** Due to lower REET forecasts for 2011 the following projects will be delayed until 2012 or have reduced funding: Aquarium Pier 60 Fire Suppression, Ballfield Lighting Replacement Program, Crew Quarters Replacement (Magnuson Park), Denny Park Administration Roof Replacement, Green Lake Park Bathhouse Roof and HVAC Renovation, Magnuson Park Picnic Shelter Renovation, Urban Forestry – Green Seattle Partnership, and Utility Conservation Program.

### Project Selection Process

DPR uses the following three-step process to identify specific asset preservation projects for the CIP:

**Project Identification:** DPR has an Asset Management Plan which is a compendium of projects to address its facility needs. These projects were 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. As the Asset Management Plan is developed, the Planning staff consults with staff in other DPR divisions, including Shops, Parks Resources, Recreation, and Partnerships to identify needs. DPR also solicits input from the

### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

Sports Advisory Council regarding priorities for sports fields. Once this information is gathered, DPR uses it to develop project scopes.

**Project Selection:** DPR analyzes and prioritizes the projects generated in the identification stage to determine if a project addresses code and regulatory requirements, addresses safety issues, protects the building envelope, promotes facility integrity, reduces operating and maintenance costs, results in water and energy savings, and results in other benefits to DPR's facilities. Using this information, DPR determines the prioritization of the project list. The City Neighborhood Council (CNC) meets at the outset of the process to provide public input. DPR also solicits input from the Sports Advisory Council regarding priorities for sports fields.

**Project Budget and Scheduling:** DPR develops initial project budgets using general cost estimating methods, including reference to the cost records of similar projects, gross unit costs, and staff experience. DPR reassesses initial budgets for high priority projects based on refined project scopes, then reviews cost estimates again in the planning process for each project, and adjusts budgets within each major maintenance program. DPR also identifies budgets for the specific project phases that are relevant, e.g., acquisition, planning, design, and construction. Finally, DPR assigns a schedule to each project.

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

DPR's 2011 Adopted Budget is increased by \$1.7 million to fund operations and maintenance (O&M) costs generated by previous years' capital projects. The 2011 Adopted Budget also provides O&M estimates for future years to guide project scopes developed through public involvement and planning processes. In a few project listings that are still in the design phase, DPR has not identified O&M costs because it is too early in the project to estimate these costs accurately.

### **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	2010	2011	2012	2013	2014	2015	2016	Total
<b>1999 Community Center Improvements</b>					<b>BCL/Program Code:</b>				<b>K72654</b>
Belltown Neighborhood Center (K73484)	123	1,740	0	0	0	0	0	0	1,863
<b>1999 Community Center Improvements</b>	123	1,740	0	0	0	0	0	0	1,863
<b>2000 Parks Levy - Acquisition Opportunity Fund</b>					<b>BCL/Program Code:</b>				<b>K723007</b>
12th Avenue Park Development (K733239-02)	14	485	0	0	0	0	0	0	499
Opportunity Fund Acquisitions (K733175)	0	9	0	0	0	0	0	0	9
<b>2000 Parks Levy - Acquisition Opportunity Fund</b>	14	494	0	0	0	0	0	0	508
<b>2000 Parks Levy - Development Opportunity Fund</b>					<b>BCL/Program Code:</b>				<b>K723008</b>
Dakota Place Park, Phase II (K733275)	5	395	0	0	0	0	0	0	400
Jefferson Park Development – Phase II (K733274)	137	963	0	0	0	0	0	0	1,100
Magnuson Park Wetlands - Shore Ponds (K733277)	0	0	1,000	0	0	0	0	0	1,000
Meadowbrook Playfield, Field #1 Renovation (K733276)	0	351	0	0	0	0	0	0	351
<b>2000 Parks Levy - Development Opportunity Fund</b>	142	1,709	1,000	0	0	0	0	0	2,851
<b>2000 Parks Levy - Green Spaces Acquisitions</b>					<b>BCL/Program Code:</b>				<b>K723002</b>
Green Space Acquisition General (K733002)	359	168	0	0	0	0	0	0	527
<b>2000 Parks Levy - Green Spaces Acquisitions</b>	359	168	0	0	0	0	0	0	527
<b>2000 Parks Levy - Major Park Development</b>					<b>BCL/Program Code:</b>				<b>K723004</b>
Jefferson Park - Beacon Reservoir Acquisition & Development (K733131)	6,009	1,091	0	0	0	0	0	0	7,100
Lake Union Park - Development (formerly South lake Union Park - Development) (K733134)	24,966	6,083	0	0	0	0	0	0	31,049
Magnuson Park Wetlands Development (K733133)	5,547	214	0	0	0	0	0	0	5,761
<b>2000 Parks Levy - Major Park Development</b>	36,522	7,388	0	0	0	0	0	0	43,910

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
<b>2000 Parks Levy - Neighborhood Park Acquisitions</b>									<b>K723001</b>
Neighborhood Park Acquisitions General (K733001)	99	5,695	0	0	0	0	0	0	5,794
<b>2000 Parks Levy - Neighborhood Park Acquisitions</b>	99	5,695	0	0	0	0	0	0	5,794
<b>2000 Parks Levy - Neighborhood Park Development</b>									<b>K723003</b>
Crown Hill School Open Space Development (K733080)	132	964	0	0	0	0	0	0	1,096
First Hill Park Development (K733082)	1	139	0	0	0	0	0	0	140
John and Summit Park Development (Bellevue Substation) (K733064)	90	257	0	0	0	0	0	0	347
Myrtle Reservoir Development (K733104)	166	902	0	0	0	0	0	0	1,068
Neighborhood Park Development General (K733003)	48	124	0	0	0	0	0	0	172
University Heights Open Space Improvements (K733124)	2	252	0	0	0	0	0	0	254
<b>2000 Parks Levy - Neighborhood Park Development</b>	439	2,638	0	0	0	0	0	0	3,077
<b>2008 Parks Levy - P-Patch Development</b>									<b>K720031</b>
Community Food Gardens and P-Patches (K730031)	91	1,409	500	0	0	0	0	0	2,000
<b>2008 Parks Levy - P-Patch Development</b>	91	1,409	500	0	0	0	0	0	2,000
<b>2008 Parks Levy- Cultural Facilities</b>									<b>K720021</b>
Langston Hughes Performing Arts Center Renovation-2008 Parks Levy (K730121)	156	2,793	21	0	0	0	0	0	2,970
Seattle Asian Art Museum Renovation (K730122)	0	0	4,500	4,500	0	0	0	0	9,000
<b>2008 Parks Levy- Cultural Facilities</b>	156	2,793	4,521	4,500	0	0	0	0	11,970
<b>2008 Parks Levy- Forest &amp; Stream Restoration</b>									<b>K720030</b>
Urban Forestry - Green Seattle Partnership- 2008 Parks Levy (K730136)	934	1,566	700	100	100	100	0	0	3,500

*\*Amounts in thousands of dollars*

**2011 - 2016 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>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Urban Forestry - Kiwanis Ravine Restoration (K730137)	35	565	0	0	0	0	0	0	600
<b>2008 Parks Levy- Forest &amp; Stream Restoration</b>	969	2,131	700	100	100	100	0	0	4,100
<b>2008 Parks Levy- Green Space Acquisition</b>									<b>BCL/Program Code: K720011</b>
Donations- Green Space (K730139)	0	50	0	0	0	0	0	0	50
Green Space Acquisitions- 2008 Parks Levy (K730011)	1,061	1,939	750	750	750	700	0	0	5,950
<b>2008 Parks Levy- Green Space Acquisition</b>	1,061	1,989	750	750	750	700	0	0	6,000
<b>2008 Parks Levy- Major Parks</b>									<b>BCL/Program Code: K720023</b>
Discovery Park - Capehart Restoration- 2008 Parks Levy (K730128)	0	0	1,000	0	0	0	0	0	1,000
Jefferson Park Development- 2008 Parks Levy ( K730129 )	55	4,945	42	0	0	0	0	0	5,042
Jefferson Park Skatepark Development (K730130)	0	200	811	0	0	0	0	0	1,011
Major Parks- 2008 Parks Levy (K730023)	0	60	0	0	0	0	0	0	60
Washington Park Arboretum Improvements- 2008 Parks Levy (K730132)	65	1,290	518	1,018	0	0	0	0	2,891
<b>2008 Parks Levy- Major Parks</b>	120	6,495	2,371	1,018	0	0	0	0	10,004
<b>2008 Parks Levy- Neighborhood Park Acquisition</b>									<b>BCL/Program Code: K720010</b>
Neighborhood Park Acquisitions- 2008 Parks Levy ( K730010 )	157	5,443	2,275	1,800	300	300	300	300	10,875
<b>2008 Parks Levy- Neighborhood Park Acquisition</b>	157	5,443	2,275	1,800	300	300	300	300	10,875
<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>									<b>BCL/Program Code: K720020</b>
Bell Street Park Boulevard Development (K730138)	2,500	2,447	1,000	0	0	0	0	0	5,947
Crown Hill Elementary Park Development (K730086 )	0	200	1,000	0	0	0	0	0	1,200
Delridge Skatepark Development (K730103 )	0	750	0	0	0	0	0	0	750
Georgetown Playfield Spray Park Development (K730088 )	28	372	0	0	0	0	0	0	400
Golden Gardens Park Play Area Renovation (K730090 )	12	488	0	0	0	0	0	0	500

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Highland Park Spray Park Development (K730118 )	5	195	0	0	0	0	0	0	200
Hubbard Homestead Park (Northgate) Development-2008 Parks Levy (K730105 )	8	2,492	0	0	0	0	0	0	2,500
International Children's Park Play Area Renovation (K730092)	0	100	400	0	0	0	0	0	500
Judkins Skatespot Development (K730094)	0	0	200	400	0	0	0	0	600
Kirke Park Development (formerly 9th Avenue NW Park Development) (K730077 )	47	753	0	0	0	0	0	0	800
Laurelhurst Playfield Play Area Renovation (K730095)	0	0	0	400	0	0	0	0	400
Lawton Park Play Area Renovation (K730096 )	19	316	0	0	0	0	0	0	335
Magnolia Off Leash Park Development (K730097)	0	0	70	0	0	0	0	0	70
Maple Leaf Reservoir Park Development (K730099 )	31	469	507	4,070	0	0	0	0	5,077
Matthews Beach Park Play Area Renovation (K730101 )	21	429	0	0	0	0	0	0	450
Montlake Playfield Play Area Renovation (K730102)	0	0	0	550	0	0	0	0	550
Neighborhood Parks & Playgrounds- 2008 Parks Levy (K730020)	0	150	0	0	0	0	0	0	150
Northacres Park Play Area Renovation (K730104 )	17	533	0	0	0	0	0	0	550
Northacres Park Spray Park Development (K730117 )	9	191	0	0	0	0	0	0	200
Othello Park Improvements (K730106)	0	250	0	0	0	0	0	0	250
Queen Anne Off Leash Park Development (K730108)	0	0	70	0	0	0	0	0	70
Rainier Playfield Play Area Renovation (K730109 )	0	600	0	0	0	0	0	0	600
Ross Playground Renovation (K730110 )	16	434	0	0	0	0	0	0	450
Roxhill Park Play Area Renovation (K730111)	0	0	450	0	0	0	0	0	450
Roxhill Park Skatespot Development (K730112)	0	0	600	0	0	0	0	0	600

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**

# Department of Parks and Recreation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Sandel Playground Renovation (K730113)	8	342	0	0	0	0	0	0	350
Seward Park Play Area Renovation (K730114)	55	445	0	0	0	0	0	0	500
Volunteer Park Play Area Renovation (K730116)	0	0	200	600	0	0	0	0	800
West Seattle Reservoir Park Development (K730119)	22	478	2,534	0	0	0	0	0	3,034
Woodland Park Play Area Renovation (K730120)	0	0	0	350	0	0	0	0	350
<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>	<b>2,798</b>	<b>12,434</b>	<b>7,031</b>	<b>6,370</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,633</b>
<b>2008 Parks Levy- Opportunity Fund Acquisition</b>									<b>BCL/Program Code: K720040</b>
Opportunity Fund Acquisitions- 2008 Parks Levy (K730040)	0	25	0	0	0	0	0	0	25
<b>2008 Parks Levy- Opportunity Fund Acquisition</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>
<b>2008 Parks Levy- Opportunity Fund Development</b>									<b>BCL/Program Code: K720041</b>
Opportunity Fund Development- 2008 Parks Levy (K730041)	0	25	0	0	0	0	0	0	25
Opportunity Fund Planning- 2008 Parks Levy (K730042)	0	200	0	0	0	0	0	0	200
<b>2008 Parks Levy- Opportunity Fund Development</b>	<b>0</b>	<b>225</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225</b>
<b>2008 Parks Levy- Playfields</b>									<b>BCL/Program Code: K720022</b>
Genesee Playfield #1 Renovation (K730124)	35	2,065	0	0	0	0	0	0	2,100
Playfields- 2008 Parks Levy (K730022)	0	120	0	0	0	0	0	0	120
<b>2008 Parks Levy- Playfields</b>	<b>35</b>	<b>2,185</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,220</b>
<b>2008 Parks Levy- Shoreline Access</b>									<b>BCL/Program Code: K720032</b>
Shoreline Access- Street Ends (K730032)	0	200	75	75	75	75	0	0	500
<b>2008 Parks Levy- Shoreline Access</b>	<b>0</b>	<b>200</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>500</b>
<b>Ballfields/Athletic Courts/Play Areas</b>									<b>BCL/Program Code: K72445</b>
Ballfield Lighting Replacement Program (K732310)	1,410	923	408	0	240	1,125	500	500	5,106

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Ballfields - Minor Capital Improvements (K732415)	0	135	50	50	50	50	50	50	435
Play Area Safety Program (K732403)	0	120	100	100	120	120	120	120	800
Tennis Court Small Scale Renovation Program (K732404)	0	100	50	50	50	50	50	50	400
<b>Ballfields/Athletic Courts/Play Areas</b>	1,410	1,278	608	200	460	1,345	720	720	6,741
<b>Building Component Renovations</b>									<b>BCL/Program Code: K72444</b>
Boiler Replacement Program (K732306)	430	420	0	204	175	175	175	175	1,754
Crew Quarters Replacement (Magnuson Park) (K732424)	0	0	0	763	0	0	0	0	763
Denny Park Administration Building Roof Replacement (K732425)	0	0	0	710	0	0	0	0	710
Electrical System Replacement Program (K732307)	401	214	150	150	150	150	150	150	1,515
Green Lake Park Bathhouse Roof and HVAC Renovation (K732426)	0	0	0	456	0	0	0	0	456
HVAC System Duct Cleaning - Large Buildings (K732421)	0	35	35	35	35	35	35	35	245
Jefferson Community Center Seismic Renovation (K732393)	0	1,120	0	0	0	0	0	0	1,120
Langston Hughes Performing Arts Center - Renovation (K732314)	464	501	0	0	0	0	0	0	965
Magnuson Park Building 18 Demolition (K732389)	20	180	0	0	0	0	0	0	200
Municipal Energy Efficiency Program - Parks (K732433)	0	0	478	0	0	0	0	0	478
Rainier Beach Community Center Redevelopment (K732337)	601	4,046	20,326	0	0	0	0	0	24,973
Riverview Playfield Comfort Station Renovation (K732328)	58	0	416	0	0	0	0	0	474
Roof & Building Envelope Program (K732420)	0	169	220	220	225	225	225	225	1,509
Seattle Asian Art Museum Restoration (K732369)	813	1,287	0	0	0	0	0	0	2,100

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
South Park Community Center Siding Repair (K732430)	0	0	200	0	0	0	0	0	200
Utility Conservation Program (K732336)	1,030	510	105	605	355	355	355	355	3,670
<b>Building Component Renovations</b>	3,817	8,482	21,930	3,143	940	940	940	940	41,132
<b>Citywide and Neighborhood Projects</b>									<b>BCL/Program Code: K72449</b>
Hubbard Homestead Park (Northgate) Development (K732348)	874	602	0	0	0	0	0	0	1,476
Landscape Restoration Program (K732402)	0	430	430	430	430	430	430	430	3,010
Neighborhood Capital Program (K732376)	178	234	30	0	0	0	0	0	442
Neighborhood Response Program (K732416)	0	200	200	200	200	200	200	200	1,400
Skatepark Plan Implementation (K732365)	234	141	0	0	0	0	0	0	375
Trails Renovation Program (K732419)	0	325	325	325	325	325	325	325	2,275
<b>Citywide and Neighborhood Projects</b>	1,286	1,932	985	955	955	955	955	955	8,978
<b>Debt Service and Contract Obligation</b>									<b>BCL/Program Code: K72440</b>
Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service (K732283)	8,377	963	2,458	2,659	2,906	3,207	3,353	1,827	25,750
Hubbard Homestead Park (Northgate) Acquisition- Debt Service (K732321)	543	1	241	241	240	240	239	242	1,987
Parks Maintenance Facility Acquisition - Debt Service (K73502)	10,670	721	693	693	680	684	681	682	15,504
<b>Debt Service and Contract Obligation</b>	19,590	1,685	3,392	3,593	3,826	4,131	4,273	2,751	43,241
<b>Docks/Piers/FLOATS/Seawalls/Shorelines</b>									<b>BCL/Program Code: K72447</b>
Aquarium Pier 60 Fire Suppression (K732428)	0	0	0	341	0	0	0	0	341
Aquarium Pier 60 Piling and Corrosion Renovation (K732382)	0	657	581	2,255	0	0	0	0	3,493
Beach Restoration Program (K732303)	295	212	25	25	25	25	25	25	657

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Boat Moorage Restoration (K732408)	0	98	27	75	75	75	75	75	500
Boat Moorage Restoration - Former (K732338)	454	1,737	0	0	0	0	0	0	2,191
Magnuson Park Shoreline Renovation (K732277)	67	19	0	0	0	0	0	0	86
Piers 57/58 Maintenance Plan Update (K732429)	0	0	250	0	0	0	0	0	250
<b>Docks/Piers/Floats/Seawalls/Shorelines</b>	816	2,723	883	2,696	100	100	100	100	7,518
<b>Forest Restoration</b>									<b>BCL/Program Code: K72442</b>
Colman Park - Trees Settlement (K732204)	511	107	0	0	0	0	0	0	618
Seward Park Forest Restoration (K732367)	298	125	93	95	98	101	104	111	1,025
Urban Forestry - Forest Restoration Program (K732410)	0	146	186	186	186	186	186	186	1,262
Urban Forestry - Green Seattle Partnership (K732340)	1,971	702	850	1,800	1,800	1,800	1,800	1,800	12,523
Urban Forestry - Tree Replacement (K732339)	657	151	95	95	95	95	95	95	1,378
Urban Forestry- West Duwamish Restoration (K732431)	0	0	500	0	0	0	0	0	500
<b>Forest Restoration</b>	3,437	1,231	1,724	2,176	2,179	2,182	2,185	2,192	17,306
<b>Gas Works Park Remediation</b>									<b>BCL/Program Code: K72582</b>
Gas Works Park - Remediation (K73582)	1,131	76	20	20	20	20	0	0	1,287
<b>Gas Works Park Remediation</b>	1,131	76	20	20	20	20	0	0	1,287
<b>Golf Projects</b>									<b>BCL/Program Code: K72253</b>
Golf - Capital Improvements (K732407)	0	956	504	440	81	90	0	0	2,071
Golf - Capital improvements (Through 2009) (K732285)	2,547	1,629	0	0	0	0	0	0	4,176
Golf Master Plan Implementation (K732391)	0	863	4,149	2,146	6,610	445	1,180	0	15,393
Golf Master Plan Implementation Debt Service (K732395)	0	23	176	494	868	1,161	1,232	1,279	5,233
Interbay Golf Acquisition Debt Service (K732432)	0	0	406	388	388	391	392	388	2,353
<b>Golf Projects</b>	2,547	3,471	5,235	3,468	7,947	2,087	2,804	1,667	29,226

\*Amounts in thousands of dollars

### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
<b>Parks Infrastructure</b>									<b>BCL/Program Code: K72441</b>
Cheshiahud Trail (K732370)	1,036	914	0	0	0	0	0	0	1,950
Environmental Remediation (K732401)	0	175	75	75	75	75	75	75	625
Freeway Park Renovation (K732273)	2,411	691	0	0	0	0	0	0	3,102
Irrigation Replacement and Outdoor Infrastructure Program (K732406)	0	183	197	250	200	200	200	200	1,430
Magnuson Park Picnic Shelter Renovation (K732327)	22	0	0	162	0	0	0	0	184
Pavement Restoration Program (K732418)	0	270	200	200	200	200	200	200	1,470
<b>Parks Infrastructure</b>	3,469	2,233	472	687	475	475	475	475	8,761
<b>Parks Upgrade Program</b>									<b>BCL/Program Code: K72861</b>
Parks Upgrade Program (K732422)	0	508	508	508	508	508	508	508	3,556
<b>Parks Upgrade Program</b>	0	508	508	508	508	508	508	508	3,556
<b>Pools/Natatorium Renovations</b>									<b>BCL/Program Code: K72446</b>
Colman Pool Renovations (K732313)	76	1,075	309	0	0	0	0	0	1,460
Madison Pool Plaster Liner (K732300)	22	127	0	0	0	0	0	0	149
<b>Pools/Natatorium Renovations</b>	98	1,202	309	0	0	0	0	0	1,609
<b>Puget Park</b>									<b>BCL/Program Code: K72127</b>
Puget Park - Environmental Remediation (K73127)	211	410	0	0	0	0	0	0	621
<b>Puget Park</b>	211	410	0	0	0	0	0	0	621
<b>Seattle Aquarium Projects</b>									<b>BCL/Program Code: K72448</b>
Aquarium Pier 60 Filter Replacement (K732345)	753	331	0	0	0	0	0	0	1,084
Aquarium Saltwater Pump Replacement (K732392)	0	500	0	0	0	0	0	0	500
<b>Seattle Aquarium Projects</b>	753	831	0	0	0	0	0	0	1,584
<b>West Point Settlement Projects</b>									<b>BCL/Program Code: K72982</b>
Discovery Park - Capehart Acquisition (K731231)	4,201	7,568	0	0	0	0	0	0	11,769
Discovery Park - Capehart Site Restoration (K731242)	8	492	0	0	0	0	0	0	500

*\*Amounts in thousands of dollars*

**2011 - 2016 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>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Discovery Park - Contingency and Opportunity Fund (K731241)	0	200	0	0	0	0	0	0	200
Discovery Park - Lighthouse Restoration (K731243)	261	633	0	0	0	0	0	0	894
<b>West Point Settlement Projects</b>	4,470	8,893	0	0	0	0	0	0	13,363
<b>Department Total*:</b>	86,120	90,116	55,289	32,059	18,635	13,918	13,260	10,608	320,005

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**



## Department of Parks and Recreation

### Fund Summary

Fund Name & Code	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
1999 Seattle Center/Community Centers Fund (33800)	123	1,740	0	0	0	0	0	0	1,863
2000 Parks Levy Fund (33850)	20,478	11,990	1,000	0	0	0	0	0	33,468
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)	5,387	34,330	18,223	14,613	1,225	1,175	300	300	75,553
2009 Multipurpose LTGO Bond Fund (35300)	881	4,569	2,500	0	0	0	0	0	7,950
2010 Multipurpose LTGO Bond Fund (35400)	0	863	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund (35500)	0	0	9,127	0	0	0	0	0	9,127
2012 Multipurpose LTGO Bond Fund (35600)	0	0	13,326	2,146	0	0	0	0	15,472
Beach Maintenance Trust Fund (61500)	145	125	25	25	25	25	25	25	420
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	15,027	5,420	1,139	2,729	1,375	1,379	1,375	1,379	29,823
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	16,234	9,879	7,138	9,759	6,351	7,237	6,610	6,612	69,820
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	7,834	11,493	2,169	1,845	1,733	2,020	2,026	505	29,625
Emergency Subfund (00185)	151	19	0	0	0	0	0	0	170
Future Bond Funds (99999)	0	0	0	0	6,610	445	1,180	0	8,235
Gasworks Park Contamination Remediation Fund (10220)	1,080	2	20	20	20	20	0	0	1,162
General Subfund (00100)	131	180	0	0	0	0	0	0	311
Golf Subfund (10240)	0	0	582	882	1,256	1,552	1,624	1,667	7,563
Parks 2002 Capital Facilities Bond Fund (34610)	274	0	0	0	0	0	0	0	274
Parks and Recreation Fund (10200)	6,238	1,125	40	40	40	65	120	120	7,788
Shoreline Park Improvement Fund (33110)	2,323	2,462	0	0	0	0	0	0	4,785

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**

## Department of Parks and Recreation

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
South Lake Union Trust Fund (63721)	9,581	5,919	0	0	0	0	0	0	15,500
<b>Department Total*:</b>	86,120	90,116	55,289	32,059	18,635	13,918	13,260	10,608	320,005

*\*Amounts in thousands of dollars*

**2011 - 2016 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>	Q4/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	14	485	0	0	0	0	0	0	499
Street Vacations	0	0	0	0	0	0	0	0	0
<b>Total:</b>	14	485	0	0	0	0	0	0	499
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	14	485	0	0	0	0	0	0	499
<b>Total*:</b>	14	485	0	0	0	0	0	0	499
<b>O &amp; M Costs (Savings)</b>			25	25	26	26	27	27	156
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		222	263	0	0	0	0	0	485
<b>Total:</b>		222	263	0	0	0	0	0	485

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3,259	292	1,633	1,644	1,647	1,648	1,646	1,648	13,417
Real Estate Excise Tax I	3,765	0	0	0	0	0	0	0	3,765
Private Funding/Donations	1,353	671	0	0	0	0	0	0	2,024
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0
Private Funding/Donations	0	0	825	1,015	1,259	1,559	1,707	179	6,544
<b>Total:</b>	<b>8,377</b>	<b>963</b>	<b>2,458</b>	<b>2,659</b>	<b>2,906</b>	<b>3,207</b>	<b>3,353</b>	<b>1,827</b>	<b>25,750</b>

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

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,259	292	1,633	1,644	1,647	1,648	1,646	1,648	13,417
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	0	825	1,015	1,259	1,559	1,707	179	6,544
Parks and Recreation Fund	1,353	671	0	0	0	0	0	0	2,024
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>	<b>8,377</b>	<b>963</b>	<b>2,458</b>	<b>2,659</b>	<b>2,906</b>	<b>3,207</b>	<b>3,353</b>	<b>1,827</b>	<b>25,750</b>

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

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### 2011 - 2016 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>	Q1/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	753	31	0	0	0	0	0	0	784
Real Estate Excise Tax II	0	300	0	0	0	0	0	0	300
<b>Total:</b>	753	331	0	0	0	0	0	0	1,084
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	300	0	0	0	0	0	0	300
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	753	31	0	0	0	0	0	0	784
<b>Total*:</b>	753	331	0	0	0	0	0	0	1,084
<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		290	10	0	0	0	0	0	300
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		31	0	0	0	0	0	0	31
<b>Total:</b>		321	10	0	0	0	0	0	331

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	341	0	0	0	0	341
<b>Total:</b>	0	0	0	341	0	0	0	0	341
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	341	0	0	0	0	341
<b>Total*:</b>	0	0	0	341	0	0	0	0	341
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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>	Q4/2012
<b>Location:</b>	1483 Alaskan Wy	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Commercial Core	<b>Urban Village:</b>	Commercial Core
<b>Neighborhood District:</b>	Downtown		

This project replaces the finger pier X-braces and deficient piles; repairs damaged concrete deck panels, beams, and selected wood decking; adds cathodic protection; and other related repairs. This project extends the useful life of the pier.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	657	581	2,255	0	0	0	0	3,493
<b>Total:</b>	0	657	581	2,255	0	0	0	0	3,493
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	657	581	2,255	0	0	0	0	3,493
<b>Total*:</b>	0	657	581	2,255	0	0	0	0	3,493
<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		250	500	2,743	0	0	0	0	3,493
<b>Total:</b>		250	500	2,743	0	0	0	0	3,493

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Aquarium Saltwater Pump 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>	Q1/2010
<b>Project ID:</b>	K732392	<b>End Date:</b>	Q1/2011
<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 replaces Aquarium saltwater pumps, filters, and related components, integrates this equipment into the automated Life Support System, and performs other related work, as needed. This major maintenance work will extend the useful life of these systems that are essential for aquarium animals and exhibits.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	500	0	0	0	0	0	0	500

#### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	500	0	0	0	0	0	0	500
<b>Total*:</b>	0	500	0	0	0	0	0	0	500

#### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	495	5	0	0	0	0	0	0	500
<b>Total:</b>	495	5	0	0	0	0	0	0	500

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,410	923	408	0	240	1,125	500	500	5,106
<b>Total:</b>	1,410	923	408	0	240	1,125	500	500	5,106
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,410	923	408	0	240	1,125	500	500	5,106
<b>Total*:</b>	1,410	923	408	0	240	1,125	500	500	5,106
<b>O &amp; M Costs (Savings)</b>			10	10	11	11	11	11	64
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		860	408	0	240	1,125	500	500	3,633
<b>Total:</b>		860	408	0	240	1,125	500	500	3,633

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	50	50	50	50	50	50	50	350
Private Funding/Donations	0	10	0	0	0	0	0	0	10
King County Funds	0	75	0	0	0	0	0	0	75
<b>Total:</b>	0	135	50	50	50	50	50	50	435
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	50	50	50	50	50	50	50	350
Cumulative Reserve Subfund - Unrestricted Subaccount	0	85	0	0	0	0	0	0	85
<b>Total*:</b>	0	135	50	50	50	50	50	50	435

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
King County Funds	150	87	0	0	0	0	0	0	237
King County Funds	145	125	25	25	25	25	25	25	420
<b>Total:</b>	295	212	25	25	25	25	25	25	657
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	150	87	0	0	0	0	0	0	237
Beach Maintenance Trust Fund	145	125	25	25	25	25	25	25	420
<b>Total*:</b>	295	212	25	25	25	25	25	25	657
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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>	Q1/2012
<b>Location:</b>	Bell ST		
<b>Neighborhood Plan:</b>	Belltown	<b>Neighborhood Plan Matrix:</b>	KS 1.2
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Denny Triangle

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	2,500	2,447	1,000	0	0	0	0	0	5,947
<b>Total:</b>	2,500	2,447	1,000	0	0	0	0	0	5,947
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	2,500	2,447	1,000	0	0	0	0	0	5,947
<b>Total*:</b>	2,500	2,447	1,000	0	0	0	0	0	5,947
<b>O &amp; M Costs (Savings)</b>			90	118	121	123	125	128	705
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		500	2,747	200	0	0	0	0	3,447
<b>Total:</b>		500	2,747	200	0	0	0	0	3,447

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### 2011 - 2016 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>	TBD
<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 a new development 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	123	1,740	0	0	0	0	0	0	1,863
<b>Total:</b>	123	1,740	0	0	0	0	0	0	1,863
<b>Fund Appropriations/Allocations</b>									
1999 Seattle Center/Community Centers Fund	123	1,740	0	0	0	0	0	0	1,863
<b>Total*:</b>	123	1,740	0	0	0	0	0	0	1,863
<b>O &amp; M Costs (Savings)</b>			376	384	392	400	408	0	1,960
<b>Spending Plan by Fund</b>									
1999 Seattle Center/Community Centers Fund		50	250	1,440	0	0	0	0	1,740
<b>Total:</b>		50	250	1,440	0	0	0	0	1,740

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Concession Revenues	0	98	27	75	75	75	75	75	500
<b>Total:</b>	0	98	27	75	75	75	75	75	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	98	27	75	75	75	75	75	500
<b>Total*:</b>	0	98	27	75	75	75	75	75	500
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		0	125	75	75	75	75	75	500
<b>Total:</b>		0	125	75	75	75	75	75	500

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Boat Moorage Restoration - Former

<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>	K732338	<b>End Date:</b>	Q4/2011
<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. This project is being replaced by K732408 for funding after 2009.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	64	272	0	0	0	0	0	0	336
Real Estate Excise Tax I	390	1,465	0	0	0	0	0	0	1,855
Concession Revenues	0	0	0	0	0	0	0	0	0
<b>Total:</b>	454	1,737	0	0	0	0	0	0	2,191
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	64	272	0	0	0	0	0	0	336
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	390	1,465	0	0	0	0	0	0	1,855
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	454	1,737	0	0	0	0	0	0	2,191
<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		260	12	0	0	0	0	0	272
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		1,445	20	0	0	0	0	0	1,465
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
<b>Total:</b>		1,705	32	0	0	0	0	0	1,737

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

This ongoing project replaces 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	430	420	0	204	175	175	175	175	1,754
<b>Total:</b>	430	420	0	204	175	175	175	175	1,754
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	430	420	0	204	175	175	175	175	1,754
<b>Total*:</b>	430	420	0	204	175	175	175	175	1,754
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		410	10	204	175	175	175	175	1,324
<b>Total:</b>		410	10	204	175	175	175	175	1,324

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### 2011 - 2016 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>	Q4/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,000	350	0	0	0	0	0	0	1,350
Trail and Open Space Levy	36	564	0	0	0	0	0	0	600
<b>Total:</b>	1,036	914	0	0	0	0	0	0	1,950
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,000	350	0	0	0	0	0	0	1,350
Cumulative Reserve Subfund - Unrestricted Subaccount	36	564	0	0	0	0	0	0	600
<b>Total*:</b>	1,036	914	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		0	350	0	0	0	0	0	350
Cumulative Reserve Subfund - Unrestricted Subaccount		500	64	0	0	0	0	0	564
<b>Total:</b>		500	414	0	0	0	0	0	914

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**2011 - 2016 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>	Q1/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Private Funding/Donations	511	107	0	0	0	0	0	0	618
<b>Total:</b>	511	107	0	0	0	0	0	0	618
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	511	107	0	0	0	0	0	0	618
<b>Total*:</b>	511	107	0	0	0	0	0	0	618
<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		47	60	0	0	0	0	0	107
<b>Total:</b>		47	60	0	0	0	0	0	107

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**2011 - 2016 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>	Q2/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	52	1,075	309	0	0	0	0	0	1,436
Real Estate Excise Tax I	24	0	0	0	0	0	0	0	24
<b>Total:</b>	76	1,075	309	0	0	0	0	0	1,460
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	52	1,075	309	0	0	0	0	0	1,436
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	24	0	0	0	0	0	0	0	24
<b>Total*:</b>	76	1,075	309	0	0	0	0	0	1,460
<b>O &amp; M Costs (Savings)</b>			1	2	2	2	2	2	11

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**2011 - 2016 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>	Q2/2009
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	91	1,409	500	0	0	0	0	0	2,000
<b>Total:</b>	91	1,409	500	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	91	1,409	500	0	0	0	0	0	2,000
<b>Total*:</b>	91	1,409	500	0	0	0	0	0	2,000
<b>O &amp; M Costs (Savings)</b>			8	10	12	12	12	0	54
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		624	750	535	0	0	0	0	1,909
<b>Total:</b>		624	750	535	0	0	0	0	1,909

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	763	0	0	0	0	763
<b>Total:</b>	0	0	0	763	0	0	0	0	763
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	763	0	0	0	0	763
<b>Total*:</b>	0	0	0	763	0	0	0	0	763
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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>	Q1/2010
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	1,000	0	0	0	0	0	1,200
<b>Total:</b>	0	200	1,000	0	0	0	0	0	1,200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	200	1,000	0	0	0	0	0	1,200
<b>Total*:</b>	0	200	1,000	0	0	0	0	0	1,200
<b>O &amp; M Costs (Savings)</b>			14	75	76	78	79	81	403
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		100	1,000	100	0	0	0	0	1,200
<b>Total:</b>		100	1,000	100	0	0	0	0	1,200

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	132	964	0	0	0	0	0	0	1,096
<b>Total:</b>	132	964	0	0	0	0	0	0	1,096
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	132	964	0	0	0	0	0	0	1,096
<b>Total*:</b>	132	964	0	0	0	0	0	0	1,096
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		14	950	0	0	0	0	0	964
<b>Total:</b>		14	950	0	0	0	0	0	964

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### 2011 - 2016 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>	Q4/2008
<b>Project ID:</b>	K733275	<b>End Date:</b>	Q1/2011
<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, 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	5	395	0	0	0	0	0	0	400
<b>Total:</b>	5	395	0	0	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	5	395	0	0	0	0	0	0	400
<b>Total*:</b>	5	395	0	0	0	0	0	0	400
<b>O &amp; M Costs (Savings)</b>			10	10	11	11	11	11	64
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		390	5	0	0	0	0	0	395
<b>Total:</b>		390	5	0	0	0	0	0	395

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### 2011 - 2016 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>	Q3/2009
<b>Project ID:</b>	K730103	<b>End Date:</b>	Q1/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	250	0	0	0	0	0	0	250
Seattle Voter-Approved Levy	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	750	0	0	0	0	0	0	750
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	500	0	0	0	0	0	0	500
2008 Parks Levy Fund	0	250	0	0	0	0	0	0	250
<b>Total*:</b>	0	750	0	0	0	0	0	0	750
<b>O &amp; M Costs (Savings)</b>			30	34	34	35	36	37	206
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		500	0	0	0	0	0	0	500
2008 Parks Levy Fund		150	100	0	0	0	0	0	250
<b>Total:</b>		650	100	0	0	0	0	0	750

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### 2011 - 2016 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>	Q1/2011
<b>Project ID:</b>	K732425	<b>End Date:</b>	Q4/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	710	0	0	0	0	710
<b>Total:</b>	0	0	0	710	0	0	0	0	710
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	710	0	0	0	0	710
<b>Total*:</b>	0	0	0	710	0	0	0	0	710

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### 2011 - 2016 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>	Q1/2011
<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).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
King County Voter-Approved Levy	2,647	1,353	0	0	0	0	0	0	4,000
State Grant Funds	0	1,690	0	0	0	0	0	0	1,690
Property Sales and Interest Earnings	0	2,117	0	0	0	0	0	0	2,117
King County Funds	1,554	446	0	0	0	0	0	0	2,000
State Grant Funds	0	985	0	0	0	0	0	0	985
Real Estate Excise Tax I	0	977	0	0	0	0	0	0	977
<b>Total:</b>	4,201	7,568	0	0	0	0	0	0	11,769
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	977	0	0	0	0	0	0	977
Cumulative Reserve Subfund - Unrestricted Subaccount	2,647	5,160	0	0	0	0	0	0	7,807
Shoreline Park Improvement Fund	1,554	1,431	0	0	0	0	0	0	2,985
<b>Total*:</b>	4,201	7,568	0	0	0	0	0	0	11,769
<b>O &amp; M Costs (Savings)</b>			76	77	79	80	82	0	394

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	977	0	0	0	0	0	0	977
Cumulative Reserve Subfund - Unrestricted Subaccount	5,160	0	0	0	0	0	0	5,160
Shoreline Park Improvement Fund	1,331	100	0	0	0	0	0	1,431
<b>Total:</b>	7,468	100	0	0	0	0	0	7,568

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### 2011 - 2016 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).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	1,000	0	0	0	0	0	1,000
<b>Total:</b>	0	0	1,000	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	1,000	0	0	0	0	0	1,000
<b>Total*:</b>	0	0	1,000	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		0	800	200	0	0	0	0	1,000
<b>Total:</b>		0	800	200	0	0	0	0	1,000

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

### 2011 - 2016 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>	Q4/2011
<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 restores the Capehart property to be acquired in the project Discovery Park - Capehart Acquisition (K731231). The project work may include, but is not limited to, abatement, removing buildings, roadways, pavement and utilities, and grading and seeding the property. This project was recommended by the West Point Citizens Advisory Committee as part of the 2005 revision to the list of projects recommended in the 2004 Memorandum of Agreement between King County Department of Natural Resources and Parks and the City of Seattle Department of Parks and Recreation for use of mitigation funds pursuant to Section 1(d) of the West Point Settlement Agreement (Ordinance 121488). See related project Discovery park - Capehart Restoration - 2008 Parks Levy (K730128).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
King County Funds	8	492	0	0	0	0	0	0	500
<b>Total:</b>	8	492	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	8	492	0	0	0	0	0	0	500
<b>Total*:</b>	8	492	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Shoreline Park Improvement Fund		118	374	0	0	0	0	0	492
<b>Total:</b>		118	374	0	0	0	0	0	492

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
King County Funds	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>									
Shoreline Park Improvement Fund	0	200	0	0	0	0	0	0	200
<b>Total*:</b>	0	200	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Shoreline Park Improvement Fund		10	100	90	0	0	0	0	200
<b>Total:</b>		10	100	90	0	0	0	0	200

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### 2011 - 2016 Adopted Capital Improvement Program

# Department of Parks and Recreation

## Discovery Park - Lighthouse 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>	Q4/2006
<b>Project ID:</b>	K731243	<b>End Date:</b>	Q1/2011
<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 for the restoration of the West Point Lighthouse located at the westerly tip of Discovery Park, and performs other related work. This project may include, but is not limited to, bringing the lighthouse into compliance with current building codes, providing ADA access, abating hazardous materials, and general rehabilitation of the interior and exterior shell of the building. The initial work focuses on the exterior of the building.

This project was recommended by the West Point Citizens Advisory Committee (WPCAC) 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). Additional funding is from a Washington State Heritage grant.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
King County Funds	261	339	0	0	0	0	0	0	600
State Grant Funds	0	294	0	0	0	0	0	0	294
<b>Total:</b>	261	633	0	0	0	0	0	0	894
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	294	0	0	0	0	0	0	294
Shoreline Park Improvement Fund	261	339	0	0	0	0	0	0	600
<b>Total*:</b>	261	633	0	0	0	0	0	0	894
<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		284	10	0	0	0	0	0	294
Shoreline Park Improvement Fund		339	0	0	0	0	0	0	339
<b>Total:</b>		623	10	0	0	0	0	0	633

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### 2011 - 2016 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>	Q1/2010
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	50	0	0	0	0	0	0	50
<b>Total:</b>	0	50	0	0	0	0	0	0	50
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	50	0	0	0	0	0	0	50
<b>Total*:</b>	0	50	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	10	10	10	10	0	0	50
<b>Total:</b>		10	10	10	10	10	0	0	50

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	401	214	150	150	150	150	150	150	1,515
<b>Total:</b>	401	214	150	150	150	150	150	150	1,515
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	401	214	150	150	150	150	150	150	1,515
<b>Total*:</b>	401	214	150	150	150	150	150	150	1,515
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Department of Parks and Recreation**  
**Environmental Remediation**

<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	175	75	75	75	75	75	75	625
<b>Total:</b>	0	175	75	75	75	75	75	75	625
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	175	75	75	75	75	75	75	625
<b>Total*:</b>	0	175	75	75	75	75	75	75	625
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		155	95	75	75	75	75	75	625
<b>Total:</b>		155	95	75	75	75	75	75	625

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**2011 - 2016 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>	Q4/2008
<b>Project ID:</b>	K733082	<b>End Date:</b>	TBD
<b>Location:</b>	TBD		
<b>Neighborhood Plan:</b>	First Hill	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	First Hill

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1	139	0	0	0	0	0	0	140
<b>Total:</b>	1	139	0	0	0	0	0	0	140
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	1	139	0	0	0	0	0	0	140
<b>Total*:</b>	1	139	0	0	0	0	0	0	140
<b>O &amp; M Costs (Savings)</b>			11	11	11	12	12	12	69
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		10	129	0	0	0	0	0	139
<b>Total:</b>		10	129	0	0	0	0	0	139

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### 2011 - 2016 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>	Q1/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,279	691	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>	2,411	691	0	0	0	0	0	0	3,102
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,279	691	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>	2,411	691	0	0	0	0	0	0	3,102
<b>O &amp; M Costs (Savings)</b>			152	155	158	161	164	0	790
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		650	41	0	0	0	0	0	691
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
<b>Total:</b>		650	41	0	0	0	0	0	691

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**2011 - 2016 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>	Q4/2021
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Subfund Revenues	1,080	2	20	20	20	20	0	0	1,162
Real Estate Excise Tax II	51	74	0	0	0	0	0	0	125
<b>Total:</b>	1,131	76	20	20	20	20	0	0	1,287
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	51	74	0	0	0	0	0	0	125
Gasworks Park Contamination Remediation Fund	1,080	2	20	20	20	20	0	0	1,162
<b>Total*:</b>	1,131	76	20	20	20	20	0	0	1,287
<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		20	20	20	14	0	0	0	74
Gasworks Park Contamination Remediation Fund		0	0	0	0	30	30	22	82
<b>Total:</b>		20	20	20	14	30	30	22	156

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Genesee Playfield #1 Renovation

<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>	Q4/2009
<b>Project ID:</b>	K730124	<b>End Date:</b>	Q1/2011
<b>Location:</b>	4316 S Genesee 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 for the conversion of the existing sand-silt all-weather sportsfield surface on field #1 at Genesee Playfield to an artificial turf surface. These improvements extend the useful life of the field. This project is part of the 2008 Parks Levy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	35	2,065	0	0	0	0	0	0	2,100
<b>Total:</b>	35	2,065	0	0	0	0	0	0	2,100
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	35	2,065	0	0	0	0	0	0	2,100
<b>Total*:</b>	35	2,065	0	0	0	0	0	0	2,100
<b>O &amp; M Costs (Savings)</b>			5	6	6	6	6	6	35
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1,600	465	0	0	0	0	0	2,065
<b>Total:</b>		1,600	465	0	0	0	0	0	2,065

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### 2011 - 2016 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>	Q2/2009
<b>Project ID:</b>	K730088	<b>End Date:</b>	Q2/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	28	372	0	0	0	0	0	0	400
<b>Total:</b>	28	372	0	0	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	28	372	0	0	0	0	0	0	400
<b>Total*:</b>	28	372	0	0	0	0	0	0	400
<b>O &amp; M Costs (Savings)</b>			11	11	12	12	12	12	70
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		172	200	0	0	0	0	0	372
<b>Total:</b>		172	200	0	0	0	0	0	372

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### 2011 - 2016 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Golden Gardens 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>	Q2/2009
<b>Project ID:</b>	K730090	<b>End Date:</b>	Q3/2011
<b>Location:</b>	8498 Seaview PL NW		
<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 will provide for replacement of play equipment, access improvements, and other work at the existing Golden Gardens Park play area. The scope of this project brings the play area into compliance with current play area safety standards and guideline efforts of the American Society of Testing and Materials (ASTM) and the Consumer Product Safety Commission (CPSC) as well as meets the requirements of the Americans with Disabilities Act (ADA). This project is part of the 2008 Parks Levy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	12	488	0	0	0	0	0	0	500
<b>Total:</b>	12	488	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	12	488	0	0	0	0	0	0	500
<b>Total*:</b>	12	488	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			10	23	23	24	24	25	129
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		69	419	0	0	0	0	0	488
<b>Total:</b>		69	419	0	0	0	0	0	488

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

This 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Golf Revenues	0	956	504	440	81	90	0	0	2,071
<b>Total:</b>	0	956	504	440	81	90	0	0	2,071
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	956	504	440	81	90	0	0	2,071
<b>Total*:</b>	0	956	504	440	81	90	0	0	2,071
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		500	200	200	200	171	400	400	2,071
<b>Total:</b>		500	200	200	200	171	400	400	2,071

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

### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Golf - Capital improvements (Through 2009)

<b>BCL/Program Name:</b>	Golf Projects	<b>BCL/Program Code:</b>	K72253
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	K732285	<b>End Date:</b>	Q1/2011
<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>	North	<b>Urban Village:</b>	Not in an 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	541	0	0	0	0	0	0	0	541
Real Estate Excise Tax I	257	0	0	0	0	0	0	0	257
Golf Revenues	1,749	1,629	0	0	0	0	0	0	3,378
<b>Total:</b>	2,547	1,629	0	0	0	0	0	0	4,176
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	541	0	0	0	0	0	0	0	541
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	257	0	0	0	0	0	0	0	257
Cumulative Reserve Subfund - Unrestricted Subaccount	1,749	1,629	0	0	0	0	0	0	3,378
<b>Total*:</b>	2,547	1,629	0	0	0	0	0	0	4,176
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		1,400	229	0	0	0	0	0	1,629
<b>Total:</b>		1,400	229	0	0	0	0	0	1,629

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### 2011 - 2016 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>	Q1/2010
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>										
General Obligation Bonds		0	863	0	0	0	0	0	0	863
General Obligation Bonds		0	0	0	0	6,610	445	1,180	0	8,235
General Obligation Bonds		0	0	4,149	0	0	0	0	0	4,149
General Obligation Bonds		0	0	0	2,146	0	0	0	0	2,146
<b>Total:</b>		0	863	4,149	2,146	6,610	445	1,180	0	15,393
<b>Fund Appropriations/Allocations</b>										
2010 Multipurpose LTGO Bond Fund		0	863	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund		0	0	4,149	0	0	0	0	0	4,149
2012 Multipurpose LTGO Bond Fund		0	0	0	2,146	0	0	0	0	2,146
Future Bond Funds		0	0	0	0	6,610	445	1,180	0	8,235
<b>Total*:</b>		0	863	4,149	2,146	6,610	445	1,180	0	15,393
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Golf Master Plan Implementation Debt Service

<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>	K732395	<b>End Date:</b>	Q4/2034
<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 funds debt service payments on 15-year and 20-year Limited Tax General Obligation (LTGO) bonds issued from 2010 through 2015 to provide improvements to the four City-owned golf courses (Interbay, Jackson, Jefferson, and West Seattle.) Revenue from the Golf Courses will repay the debt. Future appropriations are dependent upon Golf revenue performance and this project's progress toward its planned implementation schedule. See related project K732391- Golf Master Plan Implementation.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Golf Revenues	0	0	176	494	868	1,161	1,232	1,279	5,210
Golf Revenues	0	23	0	0	0	0	0	0	23
<b>Total:</b>	0	23	176	494	868	1,161	1,232	1,279	5,233
<b>Fund Appropriations/Allocations</b>									
Parks and Recreation Fund	0	23	0	0	0	0	0	0	23
Golf Subfund	0	0	176	494	868	1,161	1,232	1,279	5,210
<b>Total*:</b>	0	23	176	494	868	1,161	1,232	1,279	5,233
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Green Lake Park Bathhouse Roof and HVAC 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>	Q1/2011
<b>Project ID:</b>	K732426	<b>End Date:</b>	Q2/2012
<b>Location:</b>	7312 W Green Lake DR N		
<b>Neighborhood Plan:</b>	Greenlake	<b>Neighborhood Plan Matrix:</b>	C4
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Green Lake

This project replaces the roof and roof-top HVAC equipment, and performs limited electrical upgrades and other related work to protect the building. These improvements will extend the useful life of the building and protect it from water damage.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	66	0	0	0	0	66
Real Estate Excise Tax I	0	0	0	390	0	0	0	0	390
<b>Total:</b>	0	0	0	456	0	0	0	0	456
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	66	0	0	0	0	66
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	390	0	0	0	0	390
<b>Total*:</b>	0	0	0	456	0	0	0	0	456

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	359	168	0	0	0	0	0	0	527
<b>Total:</b>	359	168	0	0	0	0	0	0	527
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	359	168	0	0	0	0	0	0	527
<b>Total*:</b>	359	168	0	0	0	0	0	0	527
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		150	18	0	0	0	0	0	168
<b>Total:</b>		150	18	0	0	0	0	0	168

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**2011 - 2016 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>	TBD
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project provides for acquisition of properties to fill gaps in existing public ownership and preserve continuity in existing public ownership. The project scope targets acquisitions in the following designated green spaces: Arroyos Natural Area, East Duwamish Greenbelt, Northeast Queen Anne Greenbelt, Ravenna Woods, Thornton Creek Watershed, and West Duwamish Greenbelt. These acquisitions will enhance livability and increase opportunities for the public to enjoy nature. They also implement the Parks Strategic Action Plan by encouraging long-term stewardship of natural resources. Levy funds are expected to be supplemented by grants and funds from other sources for these acquisitions. This project is part of the 2008 Parks Levy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1,061	1,939	750	750	750	700	0	0	5,950
<b>Total:</b>	1,061	1,939	750	750	750	700	0	0	5,950
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	1,061	1,939	750	750	750	700	0	0	5,950
<b>Total*:</b>	1,061	1,939	750	750	750	700	0	0	5,950
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		889	800	800	800	800	800	0	4,889
<b>Total:</b>		889	800	800	800	800	800	0	4,889

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### 2011 - 2016 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Highland Park 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>	Q2/2011
<b>Location:</b>	1100 SW Cloverdale ST		
<b>Neighborhood Plan:</b>	Westwood & Highland Park	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	Not in an Urban Village

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	5	195	0	0	0	0	0	0	200
<b>Total:</b>	5	195	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	5	195	0	0	0	0	0	0	200
<b>Total*:</b>	5	195	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			6	6	6	6	6	6	36
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		65	120	10	0	0	0	0	195
<b>Total:</b>		65	120	10	0	0	0	0	195

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	543	1	241	241	240	240	239	242	1,987
General Obligation Bonds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	543	1	241	241	240	240	239	242	1,987
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	543	1	241	241	240	240	239	242	1,987
2007 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	543	1	241	241	240	240	239	242	1,987
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Hubbard Homestead Park (Northgate) Development

<b>BCL/Program Name:</b>	Citywide and Neighborhood Projects	<b>BCL/Program Code:</b>	K72449
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	K732348	<b>End Date:</b>	Q1/2011
<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 provides funding for planning, design, and development of the new Northgate Urban Center Park. The specific scope of work for this project is being developed through a community process. See also related project Hubbard Homestead Park (Northgate) Development - 2008 Parks Levy (K730105).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	462	64	0	0	0	0	0	0	526
General Obligation Bonds	412	538	0	0	0	0	0	0	950
<b>Total:</b>	874	602	0	0	0	0	0	0	1,476
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	462	64	0	0	0	0	0	0	526
2009 Multipurpose LTGO Bond Fund	412	538	0	0	0	0	0	0	950
<b>Total*:</b>	874	602	0	0	0	0	0	0	1,476
<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		64	0	0	0	0	0	0	64
2009 Multipurpose LTGO Bond Fund		528	10	0	0	0	0	0	538
<b>Total:</b>		592	10	0	0	0	0	0	602

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

### 2011 - 2016 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>	Q1/2011
<b>Location:</b>	NE 105th ST		
<b>Neighborhood Plan:</b>	Northgate	<b>Neighborhood Plan Matrix:</b>	I.G.12, I.G.12.6
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	Northgate

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	8	2,492	0	0	0	0	0	0	2,500
<b>Total:</b>	8	2,492	0	0	0	0	0	0	2,500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	8	2,492	0	0	0	0	0	0	2,500
<b>Total*:</b>	8	2,492	0	0	0	0	0	0	2,500
<b>O &amp; M Costs (Savings)</b>			65	66	68	69	70	72	410
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		2,409	83	0	0	0	0	0	2,492
<b>Total:</b>		2,409	83	0	0	0	0	0	2,492

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### HVAC System Duct Cleaning - Large Buildings

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

This ongoing project provides periodic (every two to five years) cleaning of the air ducts in the heating, ventilation, and air conditioning (HVAC) systems in pool natatoriums, community centers, and other Department-owned buildings. This maintenance increases the lifespan of these systems and reduces potential future major maintenance projects. This project was formerly project number K73669. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	0	35	35	35	35	35	35	35	245
<b>Total:</b>	0	35	35	35	35	35	35	35	245
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	35	35	35	35	35	35	35	245
<b>Total*:</b>	0	35	35	35	35	35	35	35	245

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Interbay Golf Acquisition Debt Service

<b>BCL/Program Name:</b>	Golf Projects	<b>BCL/Program Code:</b>	K72253
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	K732432	<b>End Date:</b>	Q3/2021
<b>Location:</b>	2501 15th 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 debt service payment on 20-year Limited Tax General Obligation (LTGO) debt issued to pay for the 2002 acquisition of the Interbay Golf Facilities. Revenue from the Golf Courses will repay the debt.

		LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>										
Golf Revenues		0	0	406	388	388	391	392	388	2,353
<b>Total:</b>		0	0	406	388	388	391	392	388	2,353
<b>Fund Appropriations/Allocations</b>										
Golf Subfund		0	0	406	388	388	391	392	388	2,353
<b>Total*:</b>		0	0	406	388	388	391	392	388	2,353
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0

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### 2011 - 2016 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>	Q4/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	100	400	0	0	0	0	0	500
<b>Total:</b>	0	100	400	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	100	400	0	0	0	0	0	500
<b>Total*:</b>	0	100	400	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		15	460	25	0	0	0	0	500
<b>Total:</b>		15	460	25	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.*

### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

This ongoing project funds engineering and other studies of the Department's park irrigation and outdoor infrastructure systems (water mains, sewers 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	183	197	130	75	75	75	75	810
Real Estate Excise Tax I	0	0	0	120	125	125	125	125	620
<b>Total:</b>	0	183	197	250	200	200	200	200	1,430
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	183	197	130	75	75	75	75	810
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	120	125	125	125	125	620
<b>Total*:</b>	0	183	197	250	200	200	200	200	1,430

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

### 2011 - 2016 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>	Q2/2010
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	150	0	0	0	0	0	0	150
Federal Grant Funds	0	831	0	0	0	0	0	0	831
State Grant Funds	0	139	0	0	0	0	0	0	139
<b>Total:</b>	0	1,120	0	0	0	0	0	0	1,120

<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	150	0	0	0	0	0	0	150
Cumulative Reserve Subfund - Unrestricted Subaccount	0	970	0	0	0	0	0	0	970
<b>Total*:</b>	0	1,120	0	0	0	0	0	0	1,120

<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		25	125	0	0	0	0	0	150
Cumulative Reserve Subfund - Unrestricted Subaccount		0	700	270	0	0	0	0	970
<b>Total:</b>		25	825	270	0	0	0	0	1,120

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Jefferson Park - Beacon Reservoir Acquisition & 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>	Q4/2000
<b>Project ID:</b>	K733131	<b>End Date:</b>	Q1/2011
<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 makes improvements to Jefferson Park, including possible property acquisition, installation of a large play meadow in the footprint of the retired north reservoir, ballfields on the lid over the reconstructed south reservoir, a system of pathways, landscaping, and other site amenities. This project is part of the 2000 Parks Levy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	6,009	1,091	0	0	0	0	0	0	7,100
<b>Total:</b>	6,009	1,091	0	0	0	0	0	0	7,100
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	6,009	1,091	0	0	0	0	0	0	7,100
<b>Total*:</b>	6,009	1,091	0	0	0	0	0	0	7,100
<b>O &amp; M Costs (Savings)</b>			113	115	118	121	124	126	717
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		1,081	10	0	0	0	0	0	1,091
<b>Total:</b>		1,081	10	0	0	0	0	0	1,091

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	137	963	0	0	0	0	0	0	1,100
<b>Total:</b>	137	963	0	0	0	0	0	0	1,100
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	137	963	0	0	0	0	0	0	1,100
<b>Total*:</b>	137	963	0	0	0	0	0	0	1,100
<b>O &amp; M Costs (Savings)</b>			232	245	250	255	260	265	1,507
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		115	800	48	0	0	0	0	963
<b>Total:</b>		115	800	48	0	0	0	0	963

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### 2011 - 2016 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>	3801 Beacon AVE S		
<b>Neighborhood Plan:</b>	North Beacon Hill	<b>Neighborhood Plan Matrix:</b>	OS6, WR 3, CC3
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Not in an Urban Village

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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	55	4,945	42	0	0	0	0	0	5,042
<b>Total:</b>	55	4,945	42	0	0	0	0	0	5,042
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	55	4,945	42	0	0	0	0	0	5,042
<b>Total*:</b>	55	4,945	42	0	0	0	0	0	5,042
<b>O &amp; M Costs (Savings)</b>			28	113	0	0	0	0	141
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		197	4,290	500	0	0	0	0	4,987
<b>Total:</b>		197	4,290	500	0	0	0	0	4,987

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### 2011 - 2016 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>	Q1/2010
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	811	0	0	0	0	0	1,011
<b>Total:</b>	0	200	811	0	0	0	0	0	1,011
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	200	811	0	0	0	0	0	1,011
<b>Total*:</b>	0	200	811	0	0	0	0	0	1,011
<b>O &amp; M Costs (Savings)</b>			5	31	32	32	33	34	167
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		170	811	30	0	0	0	0	1,011
<b>Total:</b>		170	811	30	0	0	0	0	1,011

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### John and Summit Park Development (Bellevue Substation)

<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>	Q1/2007
<b>Project ID:</b>	K733064	<b>End Date:</b>	Q1/2011
<b>Location:</b>	Summit Ave East/East John St		
<b>Neighborhood Plan:</b>	Capitol Hill	<b>Neighborhood Plan Matrix:</b>	D5
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Capitol Hill

This project develops the alternate site to the Bellevue Substation into a neighborhood park and performs other related work. The site was acquired in 2007 under the 2000 Parks Levy Neighborhood Park Acquisition Program.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	90	257	0	0	0	0	0	0	347
<b>Total:</b>	90	257	0	0	0	0	0	0	347
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	90	257	0	0	0	0	0	0	347
<b>Total*:</b>	90	257	0	0	0	0	0	0	347
<b>O &amp; M Costs (Savings)</b>			14	14	14	15	15	0	72
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		247	10	0	0	0	0	0	257
<b>Total:</b>		247	10	0	0	0	0	0	257

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	200	400	0	0	0	0	600
<b>Total:</b>	0	0	200	400	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	200	400	0	0	0	0	600
<b>Total*:</b>	0	0	200	400	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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>	Q2/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	47	753	0	0	0	0	0	0	800
<b>Total:</b>	47	753	0	0	0	0	0	0	800
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	47	753	0	0	0	0	0	0	800
<b>Total*:</b>	47	753	0	0	0	0	0	0	800
<b>O &amp; M Costs (Savings)</b>			56	65	66	67	68	70	392
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		523	230	0	0	0	0	0	753
<b>Total:</b>		523	230	0	0	0	0	0	753

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### 2011 - 2016 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>	Q1/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<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	26	164	0	0	0	0	0	0	190
Private Funding/Donations	9,100	5,900	0	0	0	0	0	0	15,000
State Interlocal Revenues	481	19	0	0	0	0	0	0	500
<b>Total:</b>	24,966	6,083	0	0	0	0	0	0	31,049
<b>Fund Appropriations/Allocations</b>									
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	10,326	164	0	0	0	0	0	0	10,490
South Lake Union Trust Fund	9,581	5,919	0	0	0	0	0	0	15,500
<b>Total*:</b>	24,966	6,083	0	0	0	0	0	0	31,049

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

O & M Costs (Savings) 258    263    268    274    280    0    1,343

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0
2000 Parks Levy Fund	164	0	0	0	0	0	0	164
South Lake Union Trust Fund	5,370	549	0	0	0	0	0	5,919
<b>Total:</b>	5,534	549	0	0	0	0	0	6,083

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	430	430	430	430	430	430	430	3,010
<b>Total:</b>	0	430	430	430	430	430	430	430	3,010
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	430	430	430	430	430	430	430	3,010
<b>Total*:</b>	0	430	430	430	430	430	430	430	3,010
<b>O &amp; M Costs (Savings)</b>			17	17	17	18	19	0	88

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### 2011 - 2016 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>	Q4/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	365	0	0	0	0	0	0	365
Real Estate Excise Tax I	464	136	0	0	0	0	0	0	600
<b>Total:</b>	464	501	0	0	0	0	0	0	965
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	365	0	0	0	0	0	0	365
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	464	136	0	0	0	0	0	0	600
<b>Total*:</b>	464	501	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		140	225	0	0	0	0	0	365
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		136	0	0	0	0	0	0	136
<b>Total:</b>		276	225	0	0	0	0	0	501

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### 2011 - 2016 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>	Q4/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Grant Funds	0	449	0	0	0	0	0	0	449
Seattle Voter-Approved Levy	156	2,344	21	0	0	0	0	0	2,521
<b>Total:</b>	156	2,793	21	0	0	0	0	0	2,970
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	449	0	0	0	0	0	0	449
2008 Parks Levy Fund	156	2,344	21	0	0	0	0	0	2,521
<b>Total*:</b>	156	2,793	21	0	0	0	0	0	2,970
<b>O &amp; M Costs (Savings)</b>			1	3	3	3	3	3	16
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		0	449	0	0	0	0	0	449
2008 Parks Levy Fund		1,017	1,348	0	0	0	0	0	2,365
<b>Total:</b>		1,017	1,797	0	0	0	0	0	2,814

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	400	0	0	0	0	400
<b>Total:</b>	0	0	0	400	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	0	400	0	0	0	0	400
<b>Total*:</b>	0	0	0	400	0	0	0	0	400
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Lawton 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>	K730096	<b>End Date:</b>	Q1/2011
<b>Location:</b>	3843 26th 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 will provide for replacement of play equipment, access improvements, and other work at the existing Lawton Park play area. The scope of this project brings the play area into compliance with current play area safety standards and guideline efforts of the American Society of Testing and Materials (ASTM) and the Consumer Product Safety Commission (CPSC) as well as meets the requirements of the Americans with Disabilities Act (ADA). This project is part of the 2008 Parks Levy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	19	316	0	0	0	0	0	0	335
<b>Total:</b>	19	316	0	0	0	0	0	0	335
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	19	316	0	0	0	0	0	0	335
<b>Total*:</b>	19	316	0	0	0	0	0	0	335
<b>O &amp; M Costs (Savings)</b>			21	22	23	23	24	24	137
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		276	40	0	0	0	0	0	316
<b>Total:</b>		276	40	0	0	0	0	0	316

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Madison Pool Plaster Liner

<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>	Q3/2008
<b>Project ID:</b>	K732300	<b>End Date:</b>	Q1/2011
<b>Location:</b>	13401 Meridian Ave N		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the plaster pool liner at Madison 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	22	127	0	0	0	0	0	0	149
<b>Total:</b>	22	127	0	0	0	0	0	0	149
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	22	127	0	0	0	0	0	0	149
<b>Total*:</b>	22	127	0	0	0	0	0	0	149
<b>O &amp; M Costs (Savings)</b>			2	3	3	3	3	3	17
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		113	14	0	0	0	0	0	127
<b>Total:</b>		113	14	0	0	0	0	0	127

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### 2011 - 2016 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>	Q3/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	70	0	0	0	0	0	70
<b>Total:</b>	0	0	70	0	0	0	0	0	70
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	70	0	0	0	0	0	70
<b>Total*:</b>	0	0	70	0	0	0	0	0	70
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Subfund Revenues	20	180	0	0	0	0	0	0	200
<b>Total:</b>	20	180	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
General Subfund	20	180	0	0	0	0	0	0	200
<b>Total*:</b>	20	180	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		10	170	0	0	0	0	0	180
<b>Total:</b>		10	170	0	0	0	0	0	180

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### 2011 - 2016 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>	Q4/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	22	0	0	162	0	0	0	0	184
<b>Total:</b>	22	0	0	162	0	0	0	0	184
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	22	0	0	162	0	0	0	0	184
<b>Total*:</b>	22	0	0	162	0	0	0	0	184
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	67	19	0	0	0	0	0	0	86
<b>Total:</b>	67	19	0	0	0	0	0	0	86
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	67	19	0	0	0	0	0	0	86
<b>Total*:</b>	67	19	0	0	0	0	0	0	86
<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	14	0	0	0	0	0	19
To Be Determined		0	0	0	0	0	0	0	0
<b>Total:</b>		5	14	0	0	0	0	0	19

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### 2011 - 2016 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>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Federal Grant Funds	0	0	500	0	0	0	0	0	500
Seattle Voter-Approved Levy	0	0	500	0	0	0	0	0	500
<b>Total:</b>	0	0	1,000	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	1,000	0	0	0	0	0	1,000
<b>Total*:</b>	0	0	1,000	0	0	0	0	0	1,000
<b>O &amp; M Costs (Savings)</b>			0	0	15	16	16	16	63
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		0	500	400	100	0	0	0	1,000
<b>Total:</b>		0	500	400	100	0	0	0	1,000

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Wetlands 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>	Q3/2000
<b>Project ID:</b>	K733133	<b>End Date:</b>	Q1/2011
<b>Location:</b>	6500 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, part of the 2000 Parks Levy, represents Phase 1 of the development of approximately 65 acres of wetlands and upland at Warren G. Magnuson Park, as defined by the park master plan.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,452	133	0	0	0	0	0	0	1,585
State Grant Funds	491	65	0	0	0	0	0	0	556
King County Funds	500	0	0	0	0	0	0	0	500
King County Funds	50	0	0	0	0	0	0	0	50
Seattle Voter-Approved Levy	3,044	16	0	0	0	0	0	0	3,060
Miscellaneous Grants or Donations	10	0	0	0	0	0	0	0	10
<b>Total:</b>	5,547	214	0	0	0	0	0	0	5,761
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,452	133	0	0	0	0	0	0	1,585
Cumulative Reserve Subfund - Unrestricted Subaccount	491	65	0	0	0	0	0	0	556
Shoreline Park Improvement Fund	500	0	0	0	0	0	0	0	500
2000 Parks Levy Fund	3,104	16	0	0	0	0	0	0	3,120
<b>Total*:</b>	5,547	214	0	0	0	0	0	0	5,761
<b>O &amp; M Costs (Savings)</b>			278	285	292	299	305	0	1,459
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		133	0	0	0	0	0	0	133
Cumulative Reserve Subfund - Unrestricted Subaccount		25	40	0	0	0	0	0	65
Shoreline Park Improvement Fund		0	0	0	0	0	0	0	0
2000 Parks Levy Fund		16	0	0	0	0	0	0	16
<b>Total:</b>		174	40	0	0	0	0	0	214

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	60	0	0	0	0	0	0	60
<b>Total:</b>	0	60	0	0	0	0	0	0	60
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	60	0	0	0	0	0	0	60
<b>Total*:</b>	0	60	0	0	0	0	0	0	60
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	20	20	20	0	0	0	60
<b>Total:</b>		0	20	20	20	0	0	0	60

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### 2011 - 2016 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>	Q4/2009
<b>Project ID:</b>	K730099	<b>End Date:</b>	Q4/2013
<b>Location:</b>	1020 NE 82nd ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	31	469	507	4,070	0	0	0	0	5,077
<b>Total:</b>	31	469	507	4,070	0	0	0	0	5,077
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	31	469	507	4,070	0	0	0	0	5,077
<b>Total*:</b>	31	469	507	4,070	0	0	0	0	5,077
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		151	825	1,070	3,000	0	0	0	5,046
<b>Total:</b>		151	825	1,070	3,000	0	0	0	5,046

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### 2011 - 2016 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Matthews Beach 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>	Q3/2009
<b>Project ID:</b>	K730101	<b>End Date:</b>	Q1/2011
<b>Location:</b>	9300 51st AVE NE		
<b>Neighborhood Plan:</b>	North District/Lake City	<b>Neighborhood Plan Matrix:</b>	C25, C28, C36
<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 work at the existing Matthews Beach Park play area. The scope of this project brings the play area into compliance with current play area safety standards and guideline efforts of the American Society of Testing and Materials (ASTM) and the Consumer Product Safety Commission (CPSC) as well as meets the requirements of the Americans with Disabilities Act (ADA). This project is part of the 2008 Parks Levy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	21	429	0	0	0	0	0	0	450
<b>Total:</b>	21	429	0	0	0	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	21	429	0	0	0	0	0	0	450
<b>Total*:</b>	21	429	0	0	0	0	0	0	450
<b>O &amp; M Costs (Savings)</b>			21	23	23	24	24	25	140
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		409	20	0	0	0	0	0	429
<b>Total:</b>		409	20	0	0	0	0	0	429

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### 2011 - 2016 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>	Q1/2010
<b>Project ID:</b>	K733276	<b>End Date:</b>	Q3/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	351	0	0	0	0	0	0	351
<b>Total:</b>	0	351	0	0	0	0	0	0	351
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	351	0	0	0	0	0	0	351
<b>Total*:</b>	0	351	0	0	0	0	0	0	351
<b>O &amp; M Costs (Savings)</b>			3	4	4	4	5	5	25
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		341	10	0	0	0	0	0	351
<b>Total:</b>		341	10	0	0	0	0	0	351

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	550	0	0	0	0	550
<b>Total:</b>	0	0	0	550	0	0	0	0	550
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	0	550	0	0	0	0	550
<b>Total*:</b>	0	0	0	550	0	0	0	0	550
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	478	0	0	0	0	0	478
<b>Total:</b>	0	0	478	0	0	0	0	0	478
<b>Fund Appropriations/Allocations</b>									
2011 Multipurpose LTGO Bond Fund	0	0	478	0	0	0	0	0	478
<b>Total*:</b>	0	0	478	0	0	0	0	0	478
<b>O &amp; M Costs (Savings)</b>			0	36	36	36	36	36	180

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Myrtle Reservoir 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>	Q1/2007
<b>Project ID:</b>	K733104	<b>End Date:</b>	Q1/2011
<b>Location:</b>	35th Ave SW/SW Myrtle St		
<b>Neighborhood Plan:</b>	Morgan Junction (MOCA)	<b>Neighborhood Plan Matrix:</b>	KIS 1.1, KIS 1.8
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2000 Parks Levy, develops usable open space for family-oriented activities once the reservoir is lidded. The design includes a viewpoint, ADA accessible pathways, play areas, and general landscaping. The scope of work for this project is being developed through a community process. The project will be implemented in coordination with Seattle Public Utilities' Reservoir Covering – Myrtle project (C101076.)

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	166	902	0	0	0	0	0	0	1,068
<b>Total:</b>	166	902	0	0	0	0	0	0	1,068
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	166	902	0	0	0	0	0	0	1,068
<b>Total*:</b>	166	902	0	0	0	0	0	0	1,068
<b>O &amp; M Costs (Savings)</b>			73	75	77	78	80	81	464
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		897	5	0	0	0	0	0	902
<b>Total:</b>		897	5	0	0	0	0	0	902

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	44	125	30	0	0	0	0	0	199
Real Estate Excise Tax I	134	109	0	0	0	0	0	0	243
<b>Total:</b>	178	234	30	0	0	0	0	0	442
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	44	125	30	0	0	0	0	0	199
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	134	109	0	0	0	0	0	0	243
<b>Total*:</b>	178	234	30	0	0	0	0	0	442
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	99	5,695	0	0	0	0	0	0	5,794
<b>Total:</b>	99	5,695	0	0	0	0	0	0	5,794
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	99	5,695	0	0	0	0	0	0	5,794
<b>Total*:</b>	99	5,695	0	0	0	0	0	0	5,794
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		10	5,685	0	0	0	0	0	5,695
<b>Total:</b>		10	5,685	0	0	0	0	0	5,695

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### 2011 - 2016 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>	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 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	157	5,443	2,275	1,800	300	300	300	300	10,875
<b>Total:</b>	157	5,443	2,275	1,800	300	300	300	300	10,875
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	157	5,443	2,275	1,800	300	300	300	300	10,875
<b>Total*:</b>	157	5,443	2,275	1,800	300	300	300	300	10,875
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		2,300	1,800	300	300	300	300	5,418	10,718
<b>Total:</b>		2,300	1,800	300	300	300	300	5,418	10,718

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	48	124	0	0	0	0	0	0	172
<b>Total:</b>	48	124	0	0	0	0	0	0	172
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	48	124	0	0	0	0	0	0	172
<b>Total*:</b>	48	124	0	0	0	0	0	0	172
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		24	60	40	0	0	0	0	124
<b>Total:</b>		24	60	40	0	0	0	0	124

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	150	0	0	0	0	0	0	150
<b>Total:</b>	0	150	0	0	0	0	0	0	150
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	150	0	0	0	0	0	0	150
<b>Total*:</b>	0	150	0	0	0	0	0	0	150
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		50	50	50	0	0	0	0	150
<b>Total:</b>		50	50	50	0	0	0	0	150

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	200	200	200	200	200	200	200	1,400
<b>Total:</b>	0	200	200	200	200	200	200	200	1,400
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	200	200	200	200	200	200	200	1,400
<b>Total*:</b>	0	200	200	200	200	200	200	200	1,400

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### 2011 - 2016 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>	Q3/2009
<b>Project ID:</b>	K730104	<b>End Date:</b>	Q2/2011
<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.

		LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>										
Seattle Voter-Approved Levy		17	533	0	0	0	0	0	0	550
<b>Total:</b>		17	533	0	0	0	0	0	0	550
<b>Fund Appropriations/Allocations</b>										
2008 Parks Levy Fund		17	533	0	0	0	0	0	0	550
<b>Total*:</b>		17	533	0	0	0	0	0	0	550
<b>O &amp; M Costs (Savings)</b>				15	22	22	23	23	24	129
<b>Spending Plan by Fund</b>										
2008 Parks Levy Fund			158	375	0	0	0	0	0	533
<b>Total:</b>			158	375	0	0	0	0	0	533

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Northacres Park 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>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	K730117	<b>End Date:</b>	Q2/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	9	191	0	0	0	0	0	0	200
<b>Total:</b>	9	191	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	9	191	0	0	0	0	0	0	200
<b>Total*:</b>	9	191	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			8	8	8	8	8	8	48
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		81	110	0	0	0	0	0	191
<b>Total:</b>		81	110	0	0	0	0	0	191

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	9	0	0	0	0	0	0	9
<b>Total:</b>	0	9	0	0	0	0	0	0	9
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	9	0	0	0	0	0	0	9
<b>Total*:</b>	0	9	0	0	0	0	0	0	9
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		4	5	0	0	0	0	0	9
<b>Total:</b>		4	5	0	0	0	0	0	9

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	25	0	0	0	0	0	0	25
<b>Total:</b>	0	25	0	0	0	0	0	0	25
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	25	0	0	0	0	0	0	25
<b>Total*:</b>	0	25	0	0	0	0	0	0	25
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		5	5	5	5	5	0	0	25
<b>Total:</b>		5	5	5	5	5	0	0	25

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	25	0	0	0	0	0	0	25
<b>Total:</b>	0	25	0	0	0	0	0	0	25
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	25	0	0	0	0	0	0	25
<b>Total*:</b>	0	25	0	0	0	0	0	0	25
<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	5	5	5	5	5	0	25
<b>Total:</b>		0	5	5	5	5	5	0	25

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	0	0	0	0	0	0	200
<b>Total:</b>	0	200	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	200	0	0	0	0	0	0	200
<b>Total*:</b>	0	200	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		105	45	10	10	10	10	10	200
<b>Total:</b>		105	45	10	10	10	10	10	200

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### 2011 - 2016 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>	Q4/2011
<b>Location:</b>	4351 S Othello ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	B-7
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	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>									
2008 Parks Levy Fund	0	250	0	0	0	0	0	0	250
<b>Total*:</b>	0	250	0	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		48	202	0	0	0	0	0	250
<b>Total:</b>		48	202	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.*

### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	5,050	600	573	573	560	564	561	562	9,043
City Light Fund Revenues	288	81	80	80	80	55	0	0	664
Concession Revenues	238	40	40	40	40	40	45	45	528
City Light Fund Revenues	4,587	0	0	0	0	25	75	75	4,762
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>	10,670	721	693	693	680	684	681	682	15,504
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	5,050	600	573	573	560	564	561	562	9,043
Cumulative Reserve Subfund - Unrestricted Subaccount	288	81	80	80	80	55	0	0	664
Parks and Recreation Fund	4,825	40	40	40	40	65	120	120	5,290
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>	10,670	721	693	693	680	684	681	682	15,504
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	600	574	572	560	564	561	562	3,993
Cumulative Reserve Subfund - Unrestricted Subaccount	80	80	80	80	56	0	0	376
Parks and Recreation Fund	40	40	40	40	65	120	120	465
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>	720	694	692	680	685	681	682	4,834

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### 2011 - 2016 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>	Improved Facility	<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	508	508	508	508	508	508	508	3,556
<b>Total:</b>	0	508	508	508	508	508	508	508	3,556
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	508	508	508	508	508	508	508	3,556
<b>Total*:</b>	0	508	508	508	508	508	508	508	3,556
<b>O &amp; M Costs (Savings)</b>			40	41	41	42	43	44	251

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

This ongoing project funds various project activities, including, but not limited to, seal-coats to new pavement to extend its lifespan, pavement patching, sub-grade repairs, overlays to small areas, and repairs associated with pavement failures (e.g., heaving, sinking, cracking, and root invasion.) Improvements reduce damage to asphalt, lengthen pavement lifespan, and reduce safety hazards such as uneven pavement. This project was formerly project number K3512. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	200	200	200	200	200	200	200	1,400
Real Estate Excise Tax I	0	70	0	0	0	0	0	0	70
<b>Total:</b>	0	270	200	200	200	200	200	200	1,470
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	200	200	200	200	200	200	200	1,400
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	70	0	0	0	0	0	0	70
<b>Total*:</b>	0	270	200	200	200	200	200	200	1,470

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### 2011 - 2016 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>	Q4/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	250	0	0	0	0	0	250
<b>Total:</b>	0	0	250	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	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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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	120	100	100	120	120	120	120	800
<b>Total:</b>	0	120	100	100	120	120	120	120	800
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	120	100	100	120	120	120	120	800
<b>Total*:</b>	0	120	100	100	120	120	120	120	800
<b>O &amp; M Costs (Savings)</b>			16	16	17	17	18	18	102

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**2011 - 2016 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>	Q4/2015
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	120	0	0	0	0	0	0	120
<b>Total:</b>	0	120	0	0	0	0	0	0	120
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	120	0	0	0	0	0	0	120
<b>Total*:</b>	0	120	0	0	0	0	0	0	120
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		20	20	20	20	20	20	0	120
<b>Total:</b>		20	20	20	20	20	20	0	120

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Delridge		

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Subfund Revenues	151	19	0	0	0	0	0	0	170
Private Funding/Donations	60	391	0	0	0	0	0	0	451
<b>Total:</b>	211	410	0	0	0	0	0	0	621
<b>Fund Appropriations/Allocations</b>									
Emergency Subfund	151	19	0	0	0	0	0	0	170
Parks and Recreation Fund	60	391	0	0	0	0	0	0	451
<b>Total*:</b>	211	410	0	0	0	0	0	0	621
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Emergency Subfund		19	0	0	0	0	0	0	19
Parks and Recreation Fund		0	91	200	100	0	0	0	391
<b>Total:</b>		19	91	200	100	0	0	0	410

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	70	0	0	0	0	0	70
<b>Total:</b>	0	0	70	0	0	0	0	0	70
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	70	0	0	0	0	0	70
<b>Total*:</b>	0	0	70	0	0	0	0	0	70
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	20	50	0	0	0	0	70
<b>Total:</b>		0	20	50	0	0	0	0	70

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### 2011 - 2016 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>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</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	32	15	0	0	0	0	0	0	47
General Obligation Bonds	469	4,031	2,500	0	0	0	0	0	7,000
General Obligation Bonds	0	0	4,500	0	0	0	0	0	4,500
General Obligation Bonds	0	0	13,326	0	0	0	0	0	13,326
<b>Total:</b>	601	4,046	20,326	0	0	0	0	0	24,973
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	100	0	0	0	0	0	0	0	100
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	32	15	0	0	0	0	0	0	47
2009 Multipurpose LTGO Bond Fund	469	4,031	2,500	0	0	0	0	0	7,000
2011 Multipurpose LTGO Bond Fund	0	0	4,500	0	0	0	0	0	4,500
2012 Multipurpose LTGO Bond Fund	0	0	13,326	0	0	0	0	0	13,326
<b>Total*:</b>	601	4,046	20,326	0	0	0	0	0	24,973
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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	15	0	0	0	0	0	0	15
2009 Multipurpose LTGO Bond Fund	917	5,614	0	0	0	0	0	6,531
2011 Multipurpose LTGO Bond Fund	0	4,200	300	0	0	0	0	4,500
2012 Multipurpose LTGO Bond Fund	0	0	11,841	1,485	0	0	0	13,326
Future Bond Funds	0	0	0	0	0	0	0	0
<b>Total:</b>	932	9,814	12,141	1,485	0	0	0	24,372

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### 2011 - 2016 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>	Q1/2010
<b>Project ID:</b>	K730109	<b>End Date:</b>	Q3/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<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>				13	32	33	33	34	35	180
<b>Spending Plan by Fund</b>										
2008 Parks Levy Fund			182	418	0	0	0	0	0	600
<b>Total:</b>			182	418	0	0	0	0	0	600

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### 2011 - 2016 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>	Q4/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	58	0	416	0	0	0	0	0	474
<b>Total:</b>	58	0	416	0	0	0	0	0	474
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	58	0	416	0	0	0	0	0	474
<b>Total*:</b>	58	0	416	0	0	0	0	0	474
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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 issues); 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 small roofs throughout the park system, including those at comfort stations, picnic shelters, and small roof sections of larger buildings.

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	169	220	100	100	100	100	100	889
Real Estate Excise Tax I	0	0	0	120	125	125	125	125	620
<b>Total:</b>	0	169	220	220	225	225	225	225	1,509
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	169	220	100	100	100	100	100	889
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	120	125	125	125	125	620
<b>Total*:</b>	0	169	220	220	225	225	225	225	1,509
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		169	0	100	100	100	100	100	669
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	220	120	125	125	125	125	840
<b>Total:</b>		169	220	220	225	225	225	225	1,509

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### 2011 - 2016 Adopted Capital Improvement Program



## Department of Parks and Recreation

### Ross Playground 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>	Q2/2009
<b>Project ID:</b>	K730110	<b>End Date:</b>	Q2/2011
<b>Location:</b>	4320 4th AVE NW		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	IIOS10
<b>Neighborhood District:</b>	Ballard	<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 Ross 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 Product Safety Commission (CPSC) as well as meets ADA requirements. This project is part of the 2008 Parks Levy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	16	434	0	0	0	0	0	0	450
<b>Total:</b>	16	434	0	0	0	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	16	434	0	0	0	0	0	0	450
<b>Total*:</b>	16	434	0	0	0	0	0	0	450
<b>O &amp; M Costs (Savings)</b>			15	22	22	23	23	23	128
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		84	350	0	0	0	0	0	434
<b>Total:</b>		84	350	0	0	0	0	0	434

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### 2011 - 2016 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>	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 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	450	0	0	0	0	0	450
<b>Total:</b>	0	0	450	0	0	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	450	0	0	0	0	0	450
<b>Total*:</b>	0	0	450	0	0	0	0	0	450
<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	100	350	0	0	0	0	450
<b>Total:</b>		0	100	350	0	0	0	0	450

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	600	0	0	0	0	0	600
<b>Total:</b>	0	0	600	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	600	0	0	0	0	0	600
<b>Total*:</b>	0	0	600	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		0	100	500	0	0	0	0	600
<b>Total:</b>		0	100	500	0	0	0	0	600

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Sandel Playground 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>	Q3/2009
<b>Project ID:</b>	K730113	<b>End Date:</b>	Q2/2011
<b>Location:</b>	9053 1st 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>	Not in an Urban Village

This project will provide for replacement of play equipment, access improvements, and other work at the existing Sandel 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 Product Safety Commission (CPSC) as well as meets ADA requirements. This project is part of the 2008 Parks Levy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	8	342	0	0	0	0	0	0	350
<b>Total:</b>	8	342	0	0	0	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	8	342	0	0	0	0	0	0	350
<b>Total*:</b>	8	342	0	0	0	0	0	0	350
<b>O &amp; M Costs (Savings)</b>			18	21	22	22	23	23	129
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		222	120	0	0	0	0	0	342
<b>Total:</b>		222	120	0	0	0	0	0	342

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### 2011 - 2016 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>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	4,500	4,500	0	0	0	0	9,000
<b>Total:</b>	0	0	4,500	4,500	0	0	0	0	9,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	4,500	4,500	0	0	0	0	9,000
<b>Total*:</b>	0	0	4,500	4,500	0	0	0	0	9,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## Department of Parks and Recreation

### Seattle Asian Art Museum Restoration

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

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<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	84	75	0	0	0	0	0	0	159
<b>Total:</b>	813	1,287	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	84	75	0	0	0	0	0	0	159
<b>Total*:</b>	813	1,287	0	0	0	0	0	0	2,100
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	1,212	0	0	0	0	1,212
Cumulative Reserve Subfund - Unrestricted Subaccount		13	62	0	0	0	0	0	75
<b>Total:</b>		13	62	1,212	0	0	0	0	1,287

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	298	125	93	95	98	101	104	111	1,025
<b>Total:</b>	298	125	93	95	98	101	104	111	1,025
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	298	125	93	95	98	101	104	111	1,025
<b>Total*:</b>	298	125	93	95	98	101	104	111	1,025
<b>O &amp; M Costs (Savings)</b>			4	7	11	11	12	0	45

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# Department of Parks and Recreation

## Seward 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>	Q3/2009
<b>Project ID:</b>	K730114	<b>End Date:</b>	Q1/2011
<b>Location:</b>	5902 Lake Washington BLVD		
<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 provides for replacement of play equipment, access improvements, and other work at the existing Seward Park play area. The scope of this project brings the play area into compliance with current play area safety standards and guideline efforts of the American Society of Testing and Materials (ASTM) and the Consumer Product Safety Commission (CPSC) as well as meets ADA requirements. This project is part of the 2008 Parks Levy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	55	395	0	0	0	0	0	0	450
King County Funds	0	50	0	0	0	0	0	0	50
<b>Total:</b>	55	445	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	50	0	0	0	0	0	0	50
2008 Parks Levy Fund	55	395	0	0	0	0	0	0	450
<b>Total*:</b>	55	445	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			28	28	29	30	30	31	176
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		50	0	0	0	0	0	0	50
2008 Parks Levy Fund		305	90	0	0	0	0	0	395
<b>Total:</b>		355	90	0	0	0	0	0	445

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	75	75	75	75	0	0	500
<b>Total:</b>	0	200	75	75	75	75	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	200	75	75	75	75	0	0	500
<b>Total*:</b>	0	200	75	75	75	75	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		27	100	100	100	100	73	0	500
<b>Total:</b>		27	100	100	100	100	73	0	500

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### 2011 - 2016 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>	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>	Not in an Urban Village

This project provides funding for implementation of the Citywide Skatepark Plan throughout the City. The plan provides a long-term vision for the development of a network of safe and accessible skateparks of various sizes throughout the City of Seattle. Delridge Skatepark and Dahl Skatespot are the two projects being developed in this implementation phase. Future funding depends upon specific projects and available resources.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	232	133	0	0	0	0	0	0	365
Miscellaneous Grants or Donations	2	8	0	0	0	0	0	0	10
<b>Total:</b>	234	141	0	0	0	0	0	0	375
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	232	133	0	0	0	0	0	0	365
Cumulative Reserve Subfund - Unrestricted Subaccount	2	8	0	0	0	0	0	0	10
<b>Total*:</b>	234	141	0	0	0	0	0	0	375
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		100	33	0	0	0	0	0	133
Cumulative Reserve Subfund - Unrestricted Subaccount		8	0	0	0	0	0	0	8
<b>Total:</b>		108	33	0	0	0	0	0	141

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### 2011 - 2016 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>	Q4/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	200	0	0	0	0	0	200
<b>Total*:</b>	0	0	200	0	0	0	0	0	200

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### 2011 - 2016 Adopted Capital Improvement Program

## Department of Parks and Recreation

### Tennis Court Small Scale 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 courts throughout the City. The program focuses on color coating, providing new posts 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 holds public meetings to involve the community in selecting and prioritizing court repairs. This project was formerly project number K732227. 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	100	50	50	50	50	50	50	400
<b>Total:</b>	0	100	50	50	50	50	50	50	400
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	100	50	50	50	50	50	50	400
<b>Total*:</b>	0	100	50	50	50	50	50	50	400

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	325	325	325	325	325	325	325	2,275
<b>Total:</b>	0	325	325	325	325	325	325	325	2,275
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	325	325	325	325	325	325	325	2,275
<b>Total*:</b>	0	325	325	325	325	325	325	325	2,275

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### 2011 - 2016 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>	TBD
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	2	252	0	0	0	0	0	0	254
<b>Total:</b>	2	252	0	0	0	0	0	0	254
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	2	252	0	0	0	0	0	0	254
<b>Total*:</b>	2	252	0	0	0	0	0	0	254
<b>O &amp; M Costs (Savings)</b>			0	23	23	24	25	25	120
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		50	202	0	0	0	0	0	252
<b>Total:</b>		50	202	0	0	0	0	0	252

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

### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

This program develops forest and vegetation management plans, implements restoration projects at sites throughout the City's park system, removes hazardous trees, and performs other related work. Restoration projects, with much of the work being performed by citizen volunteers, may include removal of invasive plants, such as English ivy and Himalayan blackberry, followed by replanting with native plants. Future funding for this program depends on available resources. This project enhances Seattle's urban forest and supports the Green Seattle Partnership to increase overall City tree canopy and the Restore Our Waters Strategy to improve Seattle's aquatic environments. This project was formerly project number K732410. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	146	186	186	186	186	186	186	1,262
<b>Total:</b>	0	146	186	186	186	186	186	186	1,262
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	146	186	186	186	186	186	186	1,262
<b>Total*:</b>	0	146	186	186	186	186	186	186	1,262

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	350	700	850	1,800	1,800	1,800	1,800	1,800	10,900
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>	1,971	702	850	1,800	1,800	1,800	1,800	1,800	12,523
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	350	700	850	1,800	1,800	1,800	1,800	1,800	10,900
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>	1,971	702	850	1,800	1,800	1,800	1,800	1,800	12,523
<b>O &amp; M Costs (Savings)</b>			201	205	363	371	379	0	1,519

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	934	1,566	700	100	100	100	0	0	3,500
<b>Total:</b>	934	1,566	700	100	100	100	0	0	3,500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	934	1,566	700	100	100	100	0	0	3,500
<b>Total*:</b>	934	1,566	700	100	100	100	0	0	3,500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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>	Q3/2009
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	35	565	0	0	0	0	0	0	600
<b>Total:</b>	35	565	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	35	565	0	0	0	0	0	0	600
<b>Total*:</b>	35	565	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		150	150	150	115	0	0	0	565
<b>Total:</b>		150	150	150	115	0	0	0	565

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	645	145	95	95	95	95	95	95	1,360
Miscellaneous Grants or Donations	12	6	0	0	0	0	0	0	18
<b>Total:</b>	657	151	95	95	95	95	95	95	1,378
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	645	145	95	95	95	95	95	95	1,360
Cumulative Reserve Subfund - Unrestricted Subaccount	12	6	0	0	0	0	0	0	18
<b>Total*:</b>	657	151	95	95	95	95	95	95	1,378
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Grant Funds	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 - Unrestricted 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 - Unrestricted Subaccount		0	100	200	200	0	0	0	500
<b>Total:</b>		0	100	200	200	0	0	0	500

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Subfund Revenues	111	0	0	0	0	0	0	0	111
Real Estate Excise Tax II	472	346	0	250	250	250	250	250	2,068
Miscellaneous Grants or Donations	447	164	105	105	105	105	105	105	1,241
Real Estate Excise Tax I	0	0	0	250	0	0	0	0	250
<b>Total:</b>	1,030	510	105	605	355	355	355	355	3,670
<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	472	346	0	250	250	250	250	250	2,068
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	250	0	0	0	0	250
Cumulative Reserve Subfund - Unrestricted Subaccount	447	164	105	105	105	105	105	105	1,241
<b>Total*:</b>	1,030	510	105	605	355	355	355	355	3,670
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	200	600	0	0	0	0	800
<b>Total:</b>	0	0	200	600	0	0	0	0	800
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	200	600	0	0	0	0	800
<b>Total*:</b>	0	0	200	600	0	0	0	0	800
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	65	1,000	518	1,018	0	0	0	0	2,601
Private Funding/Donations	0	290	0	0	0	0	0	0	290
<b>Total:</b>	65	1,290	518	1,018	0	0	0	0	2,891
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	65	1,290	518	1,018	0	0	0	0	2,891
<b>Total*:</b>	65	1,290	518	1,018	0	0	0	0	2,891
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1,156	652	518	300	200	0	0	2,826
<b>Total:</b>		1,156	652	518	300	200	0	0	2,826

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### 2011 - 2016 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>	Q3/2009
<b>Project ID:</b>	K730119	<b>End Date:</b>	Q2/2012
<b>Location:</b>	9000 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 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	22	478	2,534	0	0	0	0	0	3,034
<b>Total:</b>	22	478	2,534	0	0	0	0	0	3,034
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	22	478	2,534	0	0	0	0	0	3,034
<b>Total*:</b>	22	478	2,534	0	0	0	0	0	3,034
<b>O &amp; M Costs (Savings)</b>			0	124	0	0	0	0	124
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		233	534	2,245	0	0	0	0	3,012
<b>Total:</b>		233	534	2,245	0	0	0	0	3,012

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	350	0	0	0	0	350
<b>Total:</b>	0	0	0	350	0	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	0	0	350	0	0	0	0	350
<b>Total*:</b>	0	0	0	350	0	0	0	0	350
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



# SEATTLE CENTER



### Overview of Facilities and Programs

Seattle Center attracts millions of visitors each year to its 74-acre campus and hosts more than 5,000 arts, sporting, educational, and cultural events. Seattle Center is the home of the Seattle Opera, Pacific Northwest Ballet, five theater companies (Intiman, Seattle Repertory, Seattle Children's Theatre, Book-It, and Seattle Shakespeare Company), the Vera Project, KCTS Public Television, the Seattle Storm of the Women's National Basketball Association, and the Children's Museum. Seattle Center's Nesholm Family Lecture Hall in McCaw Hall is a year-round venue for the Seattle International Film Festival. The Center House, located in the center of the campus, includes The Center School (a small public high school), a food court, rehearsal rooms operated by Theatre Puget Sound, two theatres, and administrative offices.

The Seattle Center's grounds and buildings are sites for festivals, concerts, conferences, and exhibitions throughout the year. Seattle Center is also a major urban park with lawns, gardens, fountains, a skatepark, and a variety of plazas and open spaces throughout the campus. On the Seattle Center grounds there are 24 buildings and three parking garages. Also part of the campus, but privately owned and operated, are the Space Needle, the Pacific Science Center, and the Experience Music Project (EMP) Science Fiction Museum and Hall of Fame (SFM). The Seattle School District operates Memorial Stadium for school athletic events and concerts. The nation's only publicly owned monorail runs between Seattle Center and downtown Seattle. The Monorail is owned by the City and operated by a private contractor.

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. From replacing an underground steam line to creating a new performing arts venue for the region, the Seattle Center CIP repairs, renews and redevelops the facilities and grounds of the Center's campus in the heart of our city, 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 the City's Cumulative Reserve Subfund, voter-approved property tax levies, City-issued Limited Tax General Obligation Bonds (LTGO), State, County and federal funds, proceeds from property sales, and private funds.

Since the adoption of the Seattle Center 2000 Master Plan in 1990, two voter-approved levies have 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. In addition to this plan, the focus of Seattle Center's CIP efforts are also guided by preparation for the upcoming 50<sup>th</sup> anniversary celebration of the 1962 World's Fair.

### Highlights

- ◆ In 2011 and in preparation of the 50<sup>th</sup> anniversary celebration of the 1962 World's Fair, public and private funds combine to begin renovation of the Center House food court to support increased revenues and realize the first phase of implementation of the vision for Center House in the Seattle Center Century 21 Master Plan.
- ◆ In 2011, Seattle Center carries out energy saving retrofit projects in multiple facilities on the campus.
- ◆ In 2011, Seattle Center replaces the roof on the Park Place Building, makes concrete and structural repairs to the Mercer Garage, and makes asset preservation investments in the Center's two largest public assembly facilities, KeyArena and McCaw Hall.

#### 2011 - 2016 Adopted Capital Improvement Program

- ◆ In 2011, Seattle Center completes the third and final phase of campus signage renovation with the replacement of hand operated readerboards with two new digital readerboards at the perimeter of the campus.

### Project Selection Process

**Project Identification:** The redevelopment and renewal of Seattle Center is guided by the principles of the Seattle Center Century 21 Master Plan. The Master Plan was adopted in 2008 and replaces the Seattle Center 2000 Master Plan, adopted in 1990. Like its predecessor, the Century 21 Master Plan will be reviewed on a regular basis with surrounding neighborhoods, the general public, Seattle Center resident organizations, Seattle's Design Commission and Design Review boards, and other key stakeholders. The Master Plan is the foundation for the annual development and evaluation of Seattle Center's capital investment proposals and serves as the adopted policy basis for Seattle Center's participation in land use, urban design, and public and private transportation planning in the vicinity of Seattle Center.

A broad cross-section of Center staff also work to update the department's Asset Preservation Plan, which includes current and future capital demands of Seattle Center facilities and grounds. Such staff include: project management staff who manage CIP projects; event servicing staff who work directly with clients in booking and servicing events in facilities throughout the campus; event production staff who provide stage, sound, and other event support; and technical facilities maintenance staff who maintain Seattle Center facilities and grounds. Another important group in the CIP budget development process is the Center's resident organizations that use the Center's facilities on a regular and, in some cases, exclusive basis. Seattle Center tenants also help identify priority capital projects in the buildings and grounds they use.

**Project Selection:** Seattle Center management decides which projects are of the highest priority in the context of the Master Plan, major maintenance requirements, and client demands. Projects are reviewed according to whether the proposed project:

- ◆ Addresses a facility/system that is a life/safety issue of urgent or emerging concern, is aimed at increasing the security of public facilities, or addresses a facility/system that has failed, or is failing and unreliable;
- ◆ Addresses code or regulatory requirements for ADA, seismic/other safety, energy efficiency, etc.;
- ◆ Helps meet sustainable building goals and objectives, and/or enhances resource conservation and recycling;
- ◆ Increases the efficiency of building operations, extends the life of existing building systems, increases revenue generating potential, and/or demonstrably enhances the maintainability of the building/facility;
- ◆ Leverages other resources to contribute to improvements; and/or,
- ◆ Represents an improvement requested by City officials or departments, community organizations, and/or tenants.

**Project Budget and Scheduling:** Rough estimates of project scope and cost are prepared for a project list based on the priorities described above. Projects are carefully scheduled around the 5,000 annual events on the campus in order to minimize disruption to the public and to protect event revenues.

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

In most projects, the Center has identified anticipated operations and maintenance costs. In some projects, the Center has shown operations and maintenance costs as 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

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Bagley Wright Theatre Maintenance Fund</b>					<b>BCL/Program Code:</b>				<b>S9606</b>
Bagley Wright Theatre Maintenance Fund (S9606)	1,446	27	0	0	0	0	0	0	1,473
<b>Bagley Wright Theatre Maintenance Fund</b>	1,446	27	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)	649	42	0	0	73	76	78	80	998
Artwork Maintenance (S9303)	302	78	35	30	51	53	55	56	660
Fun Forest Site Restoration (S0901)	64	850	0	0	0	0	0	0	914
General Site Improvements (S0305)	2,077	325	0	0	194	201	207	213	3,217
Hazardous Materials Abatement (S86718)	285	0	0	0	50	50	50	50	485
Open Space Restoration and Repair (S9704)	5,893	1,141	222	118	450	450	450	450	9,174
Preliminary Engineering and Planning (S9706)	768	288	75	75	100	100	100	100	1,606
Seattle Center Long Range Investment Plan (S0703)	974	390	0	0	0	0	0	0	1,364
Site Signage (S9118)	1,557	1,525	0	0	100	100	100	100	3,482
<b>Campuswide Improvements and Repairs</b>	12,569	4,639	332	223	1,018	1,030	1,040	1,049	21,900
<b>Center House Rehabilitation</b>					<b>BCL/Program Code:</b>				<b>S9113</b>
Center House Food Court Renovation (S1001)	0	0	3,400	0	0	0	0	0	3,400
Center House Food Court Renovation - Debt Service (S1002)	0	0	70	432	432	432	432	432	2,230
Center House Rehabilitation (S9113)	11,626	649	110	0	500	519	535	548	14,487
<b>Center House Rehabilitation</b>	11,626	649	3,580	432	932	951	967	980	20,117
<b>Facility Infrastructure Renovation and Repair</b>					<b>BCL/Program Code:</b>				<b>S03P02</b>
Roof/Structural Replacement and Repair (S9701)	8,412	28	198	0	147	153	158	162	9,258
Roof/Structural Replacement and Repair - Debt Service (S0304)	5,068	784	782	784	780	0	0	0	8,198
<b>Facility Infrastructure Renovation and Repair</b>	13,480	812	980	784	927	153	158	162	17,456

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Fisher Pavilion</b>					<b>BCL/Program Code:</b>				<b>S9705</b>
Fisher Pavilion Asset Preservation Fund (S0701)	1	69	0	0	234	243	250	256	1,053
<b>Fisher Pavilion</b>	1	69	0	0	234	243	250	256	1,053
<b>KeyArena</b>					<b>BCL/Program Code:</b>				<b>S03P04</b>
KeyArena Improvements & Repairs (S9901)	2,106	994	446	0	500	519	535	548	5,648
<b>KeyArena</b>	2,106	994	446	0	500	519	535	548	5,648
<b>Lot 2 Development Project</b>					<b>BCL/Program Code:</b>				<b>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:</b>				<b>S0303</b>
McCaw Hall Asset Preservation Fund (S0303)	93	707	400	400	2,092	874	900	926	6,392
<b>McCaw Hall Maintenance Fund</b>	93	707	400	400	2,092	874	900	926	6,392
<b>Monorail Improvements</b>					<b>BCL/Program Code:</b>				<b>S9403</b>
Monorail Improvements (S9403)	9,021	2,921	769	769	769	769	769	769	16,556
Monorail Improvements Debt Service (S0702)	1,191	554	549	550	549	548	550	550	5,041
<b>Monorail Improvements</b>	10,212	3,475	1,318	1,319	1,318	1,317	1,319	1,319	21,597
<b>Parking Repairs and Improvements</b>					<b>BCL/Program Code:</b>				<b>S0301</b>
Parking Repairs and Improvements (S0301)	984	126	200	0	915	197	203	208	2,833
<b>Parking Repairs and Improvements</b>	984	126	200	0	915	197	203	208	2,833
<b>Public Gathering Space Improvements</b>					<b>BCL/Program Code:</b>				<b>S9902</b>
Public Gathering Space Improvements (S9902)	2,770	203	50	50	291	298	305	310	4,277
<b>Public Gathering Space Improvements</b>	2,770	203	50	50	291	298	305	310	4,277
<b>Theatre District Improvements</b>					<b>BCL/Program Code:</b>				<b>S0103</b>
Theatre District Improvements (S0103)	3,060	3,138	0	0	0	0	0	0	6,198
<b>Theatre District Improvements</b>	3,060	3,138	0	0	0	0	0	0	6,198

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Theatre Improvements and Repairs</b>					<b>BCL/Program Code:</b>				<b>S9604</b>
SIFF Tenant Improvements (S0601)	382	193	1,300	0	0	0	0	0	1,875
Theatre Improvements and Repairs (S9604)	3,622	221	0	0	605	618	629	639	6,334
<b>Theatre Improvements and Repairs</b>	<b>4,004</b>	<b>414</b>	<b>1,300</b>	<b>0</b>	<b>605</b>	<b>618</b>	<b>629</b>	<b>639</b>	<b>8,209</b>
<b>Utility Infrastructure</b>					<b>BCL/Program Code:</b>				<b>S03P03</b>
Municipal Energy Efficiency Program (S1003)	0	0	510	0	0	0	0	0	510
Utility Infrastructure Master Plan & Repairs (S0101)	4,183	193	0	0	378	392	404	414	5,964
<b>Utility Infrastructure</b>	<b>4,183</b>	<b>193</b>	<b>510</b>	<b>0</b>	<b>378</b>	<b>392</b>	<b>404</b>	<b>414</b>	<b>6,474</b>
<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>					<b>BCL/Program Code:</b>				<b>S9801</b>
Waste/Recycle Center, Warehouse and Shops Improvements (S9801)	295	0	0	0	50	50	50	50	495
<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>	<b>295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>495</b>
<b>Department Total*:</b>	<b>72,021</b>	<b>16,854</b>	<b>9,116</b>	<b>3,208</b>	<b>9,260</b>	<b>6,642</b>	<b>6,760</b>	<b>6,861</b>	<b>130,722</b>

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program



## Seattle Center

### Fund Summary

Fund Name & Code	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
2002B LTGO Capital Project Fund (34700)	5,538	0	0	0	0	0	0	0	5,538
2003 LTGO Capital Project Fund (34800)	6,614	1,263	0	0	0	0	0	0	7,877
2007 Multipurpose LTGO Bond Fund (35100)	3,772	1,494	0	0	0	0	0	0	5,266
2011 Multipurpose LTGO Bond Fund (35500)	0	0	3,910	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)	16,998	2,725	2,057	1,409	3,947	3,075	3,124	3,164	36,499
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)	19,390	2,329	1,403	1,399	1,538	1,537	1,539	1,539	30,674
KeyArena Settlement Proceeds Fund (00138)	2,344	2,370	46	0	0	0	0	0	4,760
McCaw Hall Capital Reserve (34070)	0	500	400	400	848	874	900	926	4,848
Private Resources (NA)	225	0	1,300	0	0	0	0	0	1,525
Seattle Center Capital Reserve Subfund (34060)	9,406	6,173	0	0	0	0	0	0	15,579
Seattle Center Fund (11410)	88	0	0	0	0	0	0	0	88
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed) (33000)	3,068	0	0	0	0	0	0	0	3,068
To Be Determined (TBD)	1,403	0	0	0	2,927	1,156	1,197	1,232	7,915
<b>Department Total*:</b>	<b>72,021</b>	<b>16,854</b>	<b>9,116</b>	<b>3,208</b>	<b>9,260</b>	<b>6,642</b>	<b>6,760</b>	<b>6,861</b>	<b>130,722</b>

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**



**ADA Improvements**

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

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	175	0	0	0	0	0	0	0	175
Real Estate Excise Tax I	233	42	0	0	0	0	0	0	275
Property Sales and Interest Earnings	241	0	0	0	0	0	0	0	241
To be determined	0	0	0	0	73	76	78	80	307
<b>Total:</b>	649	42	0	0	73	76	78	80	998
<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	233	42	0	0	0	0	0	0	275
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
<b>Total*:</b>	649	42	0	0	0	0	0	0	691
<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		20	22	0	0	0	0	0	42
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
To Be Determined		0	0	0	73	76	78	80	307
<b>Total:</b>		20	22	0	73	76	78	80	349

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

**2011 - 2016 Adopted Capital Improvement Program**

**Artwork Maintenance**

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

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	31	0	0	0	0	0	0	0	31
Property Sales and Interest Earnings	271	78	30	30	30	30	30	30	529
Private Funding/Donations	0	0	5	0	0	0	0	0	5
To be determined	0	0	0	0	21	23	25	26	95
<b>Total:</b>	302	78	35	30	51	53	55	56	660
<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	271	78	35	30	30	30	30	30	534
<b>Total*:</b>	302	78	35	30	30	30	30	30	565
<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		40	54	49	30	30	30	30	263
To Be Determined		0	0	0	21	23	25	26	95
<b>Total:</b>		40	54	49	51	53	55	56	358

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

**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	1,446	27	0	0	0	0	0	0	1,473
<b>Total:</b>	1,446	27	0	0	0	0	0	0	1,473
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,446	27	0	0	0	0	0	0	1,473
<b>Total*:</b>	1,446	27	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		5	22	0	0	0	0	0	27
<b>Total:</b>		5	22	0	0	0	0	0	27

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

**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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	3,400	0	0	0	0	0	3,400
<b>Total:</b>	0	0	3,400	0	0	0	0	0	3,400

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

<b>Spending Plan by Fund</b>									
2011 Multipurpose LTGO Bond Fund		0	1,700	1,700	0	0	0	0	3,400
<b>Total:</b>		0	1,700	1,700	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.*

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

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

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	70	432	432	432	432	432	2,230
<b>Total:</b>	0	0	70	432	432	432	432	432	2,230
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	70	432	432	432	432	432	2,230
<b>Total*:</b>	0	0	70	432	432	432	432	432	2,230

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

**Center House Rehabilitation**

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

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,299	649	110	0	500	519	535	548	4,160
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>	11,626	649	110	0	500	519	535	548	14,487
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,299	649	110	0	500	519	535	548	4,160
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>	8,626	649	110	0	500	519	535	548	11,487
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**2011 - 2016 Adopted Capital Improvement Program**

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	147	412	200	500	519	535	548	2,861
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>	147	412	200	500	519	535	548	2,861

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1	69	0	0	35	35	35	35	210
To be determined	0	0	0	0	199	208	215	221	843
<b>Total:</b>	1	69	0	0	234	243	250	256	1,053
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1	69	0	0	35	35	35	35	210
<b>Total*:</b>	1	69	0	0	35	35	35	35	210
<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		27	32	10	35	35	35	35	209
To Be Determined		0	0	0	199	208	215	221	843
<b>Total:</b>		27	32	10	234	243	250	256	1,052

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**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	64	850	0	0	0	0	0	0	914
<b>Total:</b>	64	850	0	0	0	0	0	0	914
<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	64	850	0	0	0	0	0	0	914
<b>Total*:</b>	64	850	0	0	0	0	0	0	914
<b>O &amp; M Costs (Savings)</b>			0	50	50	50	50	50	250
<b>Spending Plan by Fund</b>									
KeyArena Settlement Proceeds Fund		750	100	0	0	0	0	0	850
<b>Total:</b>		750	100	0	0	0	0	0	850

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

## 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>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	680	0	0	0	50	50	50	50	880
Federal Grant Funds	615	0	0	0	0	0	0	0	615
General Subfund Revenues	88	90	0	0	0	0	0	0	178
Property Sales and Interest Earnings-2	585	235	0	0	0	0	0	0	820
General Obligation Bonds	109	0	0	0	0	0	0	0	109
To be determined	0	0	0	0	144	151	157	163	615
<b>Total:</b>	<b>2,077</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>194</b>	<b>201</b>	<b>207</b>	<b>213</b>	<b>3,217</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	680	0	0	0	50	50	50	50	880
Cumulative Reserve Subfund - Unrestricted Subaccount	703	90	0	0	0	0	0	0	793
Seattle Center Capital Reserve Subfund	585	235	0	0	0	0	0	0	820
2002B LTGO Capital Project Fund	109	0	0	0	0	0	0	0	109
<b>Total*:</b>	<b>2,077</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>2,602</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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### 2011 - 2016 Adopted Capital Improvement Program



## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	50	50	50	50	200
Cumulative Reserve Subfund - Unrestricted Subaccount	65	25	0	0	0	0	0	90
Seattle Center Capital Reserve Subfund	10	100	125	0	0	0	0	235
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	144	151	157	163	615
<b>Total:</b>	75	125	125	194	201	207	213	1,140

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Center

### Hazardous Materials Abatement

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S86718	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Uptown
<b>Neighborhood District:</b>	Magnolia/Queen Anne		

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	85	0	0	0	50	50	50	50	285
Property Sales and Interest Earnings-2	200	0	0	0	0	0	0	0	200
<b>Total:</b>	285	0	0	0	50	50	50	50	485
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	85	0	0	0	50	50	50	50	285
Cumulative Reserve Subfund - Unrestricted Subaccount	200	0	0	0	0	0	0	0	200
<b>Total*:</b>	285	0	0	0	50	50	50	50	485
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	1,306	994	46	0	0	0	0	0	2,346
Real Estate Excise Tax I	800	0	400	0	500	519	535	548	3,302
<b>Total:</b>	2,106	994	446	0	500	519	535	548	5,648
<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	1,306	994	46	0	0	0	0	0	2,346
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	800	0	400	0	500	519	535	548	3,302
<b>Total*:</b>	2,106	994	446	0	500	519	535	548	5,648
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
KeyArena Settlement Proceeds Fund		320	720	0	0	0	0	0	1,040
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	200	200	500	519	535	548	2,502
<b>Total:</b>		320	920	200	500	519	535	548	3,542

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**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	4,392	1,408	0	0	0	0	0	0	5,800
Real Estate Excise Tax I	800	0	0	0	0	0	0	0	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	20	120
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund		352	356	300	200	200	0	0	1,408
<b>Total:</b>		352	356	300	200	200	0	0	1,408

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	93	207	0	0	0	0	0	0	300
To be determined	0	0	0	0	1,244	0	0	0	1,244
Private Funding/Donations	0	300	200	200	424	437	450	463	2,474
Real Estate Excise Tax I	0	200	200	200	424	437	450	463	2,374
<b>Total:</b>	93	707	400	400	2,092	874	900	926	6,392
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	93	207	0	0	0	0	0	0	300
McCaw Hall Capital Reserve	0	500	400	400	848	874	900	926	4,848
<b>Total*:</b>	93	707	400	400	848	874	900	926	5,148
<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		207	0	0	0	0	0	0	207
McCaw Hall Capital Reserve		159	741	400	848	874	853	477	4,352
To Be Determined		0	0	0	1,244	0	0	0	1,244
<b>Total:</b>		366	741	400	2,092	874	853	477	5,803

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**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Federal ARRA Funds: FTA Transit Capital Assistance	356	644	0	0	0	0	0	0	1,000
Federal Grant Funds	3,907	673	615	615	615	615	615	615	8,270
Private Funding/Donations	532	84	77	77	77	77	77	77	1,078
Property Sales and Interest Earnings-2	454	104	77	77	77	77	77	77	1,020
General Obligation Bonds	0	475	0	0	0	0	0	0	475
General Obligation Bonds	3,772	941	0	0	0	0	0	0	4,713
<b>Total:</b>	9,021	2,921	769	769	769	769	769	769	16,556
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	5,249	1,505	769	769	769	769	769	769	11,368
2003 LTGO Capital Project Fund	0	475	0	0	0	0	0	0	475
2007 Multipurpose LTGO Bond Fund	3,772	941	0	0	0	0	0	0	4,713
<b>Total*:</b>	9,021	2,921	769	769	769	769	769	769	16,556
<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		1,244	261	1,538	769	769	769	769	6,119
2003 LTGO Capital Project Fund		475	0	0	0	0	0	0	475
2007 Multipurpose LTGO Bond Fund		790	151	0	0	0	0	0	941
<b>Total:</b>		2,509	412	1,538	769	769	769	769	7,535

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### 2011 - 2016 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).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Federal Grant Funds	370	0	300	300	300	300	300	300	2,170
Property Sales and Interest Earnings-2	821	1	249	250	249	248	250	250	2,318
General Obligation Bonds	0	553	0	0	0	0	0	0	553
<b>Total:</b>	1,191	554	549	550	549	548	550	550	5,041
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,191	1	549	550	549	548	550	550	4,488
2007 Multipurpose LTGO Bond Fund	0	553	0	0	0	0	0	0	553
<b>Total*:</b>	1,191	554	549	550	549	548	550	550	5,041
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		0	549	550	549	548	550	551	3,297
2007 Multipurpose LTGO Bond Fund		553	0	0	0	0	0	0	553
<b>Total:</b>		553	549	550	549	548	550	551	3,850

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	510	0	0	0	0	0	510
<b>Total:</b>	0	0	510	0	0	0	0	0	510
<b>Fund Appropriations/Allocations</b>									
2011 Multipurpose LTGO Bond Fund	0	0	510	0	0	0	0	0	510
<b>Total*:</b>	0	0	510	0	0	0	0	0	510
<b>O &amp; M Costs (Savings)</b>			0	(35)	(35)	(35)	(35)	(35)	(175)

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## Seattle Center

### Open Space Restoration and Repair

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

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,702	940	222	118	450	450	450	450	4,782
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	1,014	201	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>	5,893	1,141	222	118	450	450	450	450	9,174
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,702	940	222	118	450	450	450	450	4,782
Cumulative Reserve Subfund - Unrestricted Subaccount	2,002	0	0	0	0	0	0	0	2,002
Seattle Center Capital Reserve Subfund	1,014	201	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>	5,893	1,141	222	118	450	450	450	450	9,174
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	359	530	391	450	450	450	450	3,080
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund	0	101	100	0	0	0	0	201
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
<b>Total:</b>	359	631	491	450	450	450	450	3,281

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	150	0	200	0	250	100	100	100	900
Property Sales and Interest Earnings-2	139	21	0	0	0	0	0	0	160
Property Sales and Interest Earnings-2	695	105	0	0	0	0	0	0	800
To be determined	0	0	0	0	665	97	103	108	973
<b>Total:</b>	984	126	200	0	915	197	203	208	2,833
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	150	0	200	0	250	100	100	100	900
Cumulative Reserve Subfund - Unrestricted Subaccount	139	21	0	0	0	0	0	0	160
Seattle Center Capital Reserve Subfund	695	105	0	0	0	0	0	0	800
<b>Total*:</b>	984	126	200	0	250	100	100	100	1,860
<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	177	23	250	100	100	100	750
Cumulative Reserve Subfund - Unrestricted Subaccount		0	21	0	0	0	0	0	21
Seattle Center Capital Reserve Subfund		105	0	0	0	0	0	0	105
To Be Determined		0	0	0	665	97	103	108	973
<b>Total:</b>		105	198	23	915	197	203	208	1,849

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	500	0	75	75	75	75	75	75	950
Property Sales and Interest Earnings-2	268	288	0	0	0	0	0	0	556
To be determined	0	0	0	0	25	25	25	25	100
<b>Total:</b>	768	288	75	75	100	100	100	100	1,606
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	500	0	75	75	75	75	75	75	950
Cumulative Reserve Subfund - Unrestricted Subaccount	268	288	0	0	0	0	0	0	556
<b>Total*:</b>	768	288	75	75	75	75	75	75	1,506
<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	19	131	75	75	75	75	450
Cumulative Reserve Subfund - Unrestricted Subaccount		175	113	0	0	0	0	0	288
To Be Determined		0	0	0	25	25	25	25	100
<b>Total:</b>		175	132	131	100	100	100	100	838

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

### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Center

### Public Gathering Space Improvements

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

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	502	0	0	0	0	0	0	0	502
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Property Sales and Interest Earnings-2	836	155	50	50	90	90	90	90	1,451
Property Sales and Interest Earnings-2	1,232	48	0	0	0	0	0	0	1,280
General Obligation Bonds	140	0	0	0	0	0	0	0	140
To be determined	0	0	0	0	201	208	215	220	844
<b>Total:</b>	2,770	203	50	50	291	298	305	310	4,277
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	502	0	0	0	0	0	0	0	502
Cumulative Reserve Subfund - Unrestricted Subaccount	896	155	50	50	90	90	90	90	1,511
Seattle Center Capital Reserve Subfund	1,232	48	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>	2,770	203	50	50	90	90	90	90	3,433
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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	100	105	50	90	90	90	90	615
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	0	201	208	215	220	844
<b>Total:</b>	148	105	50	291	298	305	310	1,507

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	506	0	198	0	147	153	158	162	1,324
Property Sales and Interest Earnings-2	1,126	28	0	0	0	0	0	0	1,154
General Obligation Bonds	450	0	0	0	0	0	0	0	450
General Obligation Bonds	6,330	0	0	0	0	0	0	0	6,330
<b>Total:</b>	8,412	28	198	0	147	153	158	162	9,258

#### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	506	0	198	0	147	153	158	162	1,324
Cumulative Reserve Subfund - Unrestricted Subaccount	1,126	28	0	0	0	0	0	0	1,154
2002B LTGO Capital Project Fund	450	0	0	0	0	0	0	0	450
2003 LTGO Capital Project Fund	6,330	0	0	0	0	0	0	0	6,330
<b>Total*:</b>	8,412	28	198	0	147	153	158	162	9,258

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

#### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	198	0	147	153	158	162	818
Cumulative Reserve Subfund - Unrestricted Subaccount	20	8	0	0	0	0	0	28
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>	20	206	0	147	153	158	162	846

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### 2011 - 2016 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).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	4,963	57	782	784	780	0	0	0	7,366
General Obligation Bonds	105	727	0	0	0	0	0	0	832
<b>Total:</b>	5,068	784	782	784	780	0	0	0	8,198
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,963	57	782	784	780	0	0	0	7,366
2003 LTGO Capital Project Fund	105	727	0	0	0	0	0	0	832
<b>Total*:</b>	5,068	784	782	784	780	0	0	0	8,198
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	974	390	0	0	0	0	0	0	1,364
<b>Total:</b>	974	390	0	0	0	0	0	0	1,364
<b>Fund Appropriations/Allocations</b>									
Seattle Center Capital Reserve Subfund	974	390	0	0	0	0	0	0	1,364
<b>Total*:</b>	974	390	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		230	120	40	0	0	0	0	390
<b>Total:</b>		230	120	40	0	0	0	0	390

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**2011 - 2016 Adopted Capital Improvement Program**

# Seattle Center

## SIFF Tenant Improvements

<b>BCL/Program Name:</b>	Theatre Improvements and Repairs	<b>BCL/Program Code:</b>	S9604
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2006
<b>Project ID:</b>	S0601	<b>End Date:</b>	Q4/2012
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

This project provides for tenant improvements related to the move of the Seattle International Film Festival (SIFF) to Seattle Center. Improvements include, but are not limited to, alterations and improvements to the Nesholm Family Lecture Hall at McCaw Hall to support the presentation of films, equipment purchases, and build-out of the Alki Room to house SIFF's administrative offices and film center.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	157	193	0	0	0	0	0	0	350
Private Funding/Donations	225	0	1,300	0	0	0	0	0	1,525
<b>Total:</b>	<b>382</b>	<b>193</b>	<b>1,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,875</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	157	193	0	0	0	0	0	0	350
Private Resources	225	0	1,300	0	0	0	0	0	1,525
<b>Total*:</b>	<b>382</b>	<b>193</b>	<b>1,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,875</b>
<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	96	97	0	0	0	0	193
Private Resources		0	650	650	0	0	0	0	1,300
<b>Total:</b>		<b>0</b>	<b>746</b>	<b>747</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,493</b>

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	50	41	0	0	0	0	0	0	91
Property Sales and Interest Earnings-2	428	57	0	0	100	100	100	100	885
Seattle Voter-Approved Levy	606	0	0	0	0	0	0	0	606
Property Sales and Interest Earnings-2	473	1,427	0	0	0	0	0	0	1,900
<b>Total:</b>	1,557	1,525	0	0	100	100	100	100	3,482
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	50	41	0	0	0	0	0	0	91
Cumulative Reserve Subfund - Unrestricted Subaccount	428	57	0	0	100	100	100	100	885
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	473	1,427	0	0	0	0	0	0	1,900
<b>Total*:</b>	1,557	1,525	0	0	100	100	100	100	3,482
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	41	0	0	0	0	0	0	41
Cumulative Reserve Subfund - Unrestricted Subaccount	57	0	0	100	100	100	100	457
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund	583	844	0	0	0	0	0	1,427
<b>Total:</b>	681	844	0	100	100	100	100	1,925

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle Center

## Theatre District Improvements

<b>BCL/Program Name:</b>	Theatre District Improvements	<b>BCL/Program Code:</b>	S0103
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	S0103	<b>End Date:</b>	ONGOING
<b>Location:</b>	Mercer St/2nd Ave N/5th Ave N		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This ongoing project provides for improvements to the Theatre District area of the campus, from Roy Street to Republican Street, at the north end of Seattle Center. Improvements may include, but are not limited to, open space and pedestrian improvements, landscape renovation, property acquisition, development of concept plans, and lighting and signage improvements.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	974	526	0	0	0	0	0	0	1,500
Real Estate Excise Tax I	347	253	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
Property Sales and Interest Earnings-2	41	559	0	0	0	0	0	0	600
Private Funding/Donations	0	1,800	0	0	0	0	0	0	1,800
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>	3,060	3,138	0	0	0	0	0	0	6,198
<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	974	526	0	0	0	0	0	0	1,500
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	347	253	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	41	2,359	0	0	0	0	0	0	2,400
2002B LTGO Capital Project Fund	150	0	0	0	0	0	0	0	150
<b>Total*:</b>	1,657	3,138	0	0	0	0	0	0	4,795
<b>O &amp; M Costs (Savings)</b>			16	16	16	16	16	16	96

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Center

### Spending Plan by Fund

KeyArena Settlement Proceeds Fund	526	0	0	0	0	0	0	526
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	253	0	0	0	0	0	0	253
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0
Seattle Center Fund	0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund	1,950	209	0	0	0	0	0	2,159
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>2,729</b>	<b>209</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,938</b>

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	951	142	0	0	250	250	250	250	2,093
Property Sales and Interest Earnings-2	1,541	79	0	0	0	0	0	0	1,620
General Obligation Bonds	1,130	0	0	0	0	0	0	0	1,130
To be determined	0	0	0	0	355	368	379	389	1,491
<b>Total:</b>	3,622	221	0	0	605	618	629	639	6,334
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	951	142	0	0	250	250	250	250	2,093
Cumulative Reserve Subfund - Unrestricted Subaccount	1,541	79	0	0	0	0	0	0	1,620
2002B LTGO Capital Project Fund	1,130	0	0	0	0	0	0	0	1,130
<b>Total*:</b>	3,622	221	0	0	250	250	250	250	4,843
<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		12	65	65	250	250	250	250	1,142
Cumulative Reserve Subfund - Unrestricted Subaccount		12	34	34	0	0	0	0	80
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
To Be Determined		0	0	0	355	368	379	389	1,491
<b>Total:</b>		24	99	99	605	618	629	639	2,713

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,853	132	0	0	378	392	404	414	4,573
General Obligation Bonds	1,151	0	0	0	0	0	0	0	1,151
General Obligation Bonds	179	61	0	0	0	0	0	0	240
<b>Total:</b>	4,183	193	0	0	378	392	404	414	5,964
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,853	132	0	0	378	392	404	414	4,573
2002B LTGO Capital Project Fund	1,151	0	0	0	0	0	0	0	1,151
2003 LTGO Capital Project Fund	179	61	0	0	0	0	0	0	240
<b>Total*:</b>	4,183	193	0	0	378	392	404	414	5,964
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		50	82	0	378	392	404	414	1,720
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
2003 LTGO Capital Project Fund		61	0	0	0	0	0	0	61
<b>Total:</b>		111	82	0	378	392	404	414	1,781

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

**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	295	0	0	0	50	50	50	50	495
<b>Total:</b>	295	0	0	0	50	50	50	50	495
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	295	0	0	0	50	50	50	50	495
<b>Total*:</b>	295	0	0	0	50	50	50	50	495
<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.*

### 2011 - 2016 Adopted Capital Improvement Program



**SEATTLE PUBLIC  
LIBRARY**



## Overview of Facilities and Programs

In 2008, the Seattle Public Library completed the final building projects of a system wide capital program, known as “Libraries for All” (LFA). The \$290.7 million program was funded by \$196.6 million in bonds approved by the voters in 1998, \$46.8 million in private funding, \$22.6 million in bond interest earnings, \$19.1 million in other public resources, and \$5.6 million in property sale proceeds. As a result of LFA, Seattle citizens have a new Central Library. Each of the 22 branch libraries that were in the system as of 1998 has been renovated, expanded, or replaced. Four new branch libraries are open to the public at Delridge, International District/Chinatown, Northgate and South Park.

As the center of Seattle’s information network, the Library provides a vast array of resources and services to the public, including print collections, CDs and DVDs, an extensive multilingual collection, electronic databases, internet access and classes, more than 5,600 literary programs for children, teens and adults each year, 24-hour telephone reference service, services for the deaf and blind, an online catalog and web site, 23 neighborhood meeting rooms, and 12 Central Library meeting rooms.

The new buildings, refurbished collections, and improved technology made possible by the LFA program have combined with other factors to produce a 132 percent increase in circulation since 2000. Patron visits to the Central Library and branches (not counting visitors to the virtual library) increased 51 percent from the year 2000 to 2009, when users paid over 7 million visits to facilities of the Seattle Public Library. Seattle libraries are among the most heavily used public buildings in the urban area.

## Highlights

With the conclusion of the LFA program, the Library is determined to preserve the generous public and private sector investment that the citizens of Seattle have made in their libraries. In 2007, the Library commissioned a building condition assessment and development of an asset management database to facilitate major maintenance and long-term capital planning. As verified by the assessment, the overall condition of Library facilities is very good.

The Central Library serves as the system headquarters and houses the automated library materials handling system, which sorts materials for all Seattle libraries. The building draws thousands of visitors each day. Special architectural features, including materials and finishes addressing green building priorities, are being put to the test. The 26 branch libraries were built in three broad timeframes. The buildings that date to the early 1900s have unique requirements as historic landmarks. Those built mid-century have different major maintenance issues, as some building components were not replaced in the recent renovations because they had not exhausted their useful lives, but are starting to require attention. Finally, many of the new branches have unique design features requiring special care, such as the green roof at the Ballard Branch.

The Library’s ongoing CIP projects address asset preservation throughout the Library system. Several ongoing projects were established as the LFA Program neared completion, including Roof and Structural Systems, Building Systems, Operational Efficiency Improvements, Safety, Security, and Access Improvements, Minor Capital Improvements, Landscape and Hardscape Restoration, and Preliminary Engineering and Planning. Since mid-year 2009, new REET appropriations are allocated to a single Library Major Maintenance BCL in order to provide more flexibility under these difficult budget conditions.

## Seattle Public Library

In 2009, the Library's capital budget was reduced midyear from \$1.646 million to \$694,000 as a result of the sharp drop in City REET revenue. The Library's 2010 Capital Budget totaled \$830,000 in REET support and \$201,000 in CRS Unrestricted funding, for a total of 1,031,000. The 2011 adopted Library capital budget represents an increase of \$19,000 in overall capital resources, providing \$1,050,000 in REET and General Subfund funding to the Library Major Maintenance BCL, but eliminating funding to the Preliminary Engineering and Planning BCL. The 2012 endorsed budget is a reduction of \$230,000, to a total capital budget of \$820,000. With 27 very heavily-used buildings, many of which were renovated or built under LFA five to ten years ago, the Library will strive to avoid deferring essential maintenance.

### Project Selection Process

**Project Identification:** The Library assembles work items identified by its CIP Program Manager, along with items that Library building maintenance workers refer to the capital program because they are beyond the scope of routine maintenance. Some work elements are generated by the library's asset management system based on a system-wide building condition assessment conducted by consultants in 2007 and from data on the anticipated useful life of building components. In addition, Library unit managers submit requests for building modifications to address programmatic priorities, improve services to the public, and in some cases to implement budget-reduction operational changes. Capital work in 2011-12 focuses on safety and building integrity, including improvements to the Central Library HVAC and security systems, walkway and handrail restoration at several branches to ensure safe access, ventilation and boiler improvements at branch libraries, and the continuation of phased repairs to roofs and building envelopes.

**Project Selection:** Library division managers prioritize unit requests for submission to the Capital Program. Capital and Facilities management staff evaluate requests for feasibility and rate them on the basis of their impact on safety, building functionality, and relevance to priorities identified in the Library's Service Plan. Library management makes final decisions on the CIP proposal.

**Project Budget and Scheduling:** The Library develops initial project scope and budgets using general cost estimating methods that include reference to similar projects and to construction cost estimation data sources. Projects are scheduled to minimize disruption to the public and take advantage of opportunities to address logical groupings of work.

### 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

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Building Systems</b>					<b>BCL/Program Code:</b>				<b>B301106</b>
Building Systems (B301106)	388	74	0	0	0	0	0	0	462
<b>Building Systems</b>	388	74	0	0	0	0	0	0	462
<b>Landscape and Hardscape Restoration</b>					<b>BCL/Program Code:</b>				<b>B301110</b>
Landscape and Hardscape Restoration (B301110)	208	131	0	0	0	0	0	0	339
<b>Landscape and Hardscape Restoration</b>	208	131	0	0	0	0	0	0	339
<b>Library Major Maintenance</b>					<b>BCL/Program Code:</b>				<b>B301111</b>
Library Major Maintenance (B301111)	366	964	1,050	820	1,500	1,700	1,850	2,000	10,250
<b>Library Major Maintenance</b>	366	964	1,050	820	1,500	1,700	1,850	2,000	10,250
<b>Minor Capital Improvements</b>					<b>BCL/Program Code:</b>				<b>B301109</b>
Minor Capital Improvements (B301109)	90	60	0	0	0	0	0	0	150
<b>Minor Capital Improvements</b>	90	60	0	0	0	0	0	0	150
<b>Operational Efficiency Improvements</b>					<b>BCL/Program Code:</b>				<b>B301107</b>
Operational Efficiency Improvements (B301107)	290	147	0	0	0	0	0	0	437
<b>Operational Efficiency Improvements</b>	290	147	0	0	0	0	0	0	437
<b>Preliminary Engineering and Planning</b>					<b>BCL/Program Code:</b>				<b>B401111</b>
Preliminary Engineering and Planning (B401111)	456	377	0	0	220	230	240	250	1,773
<b>Preliminary Engineering and Planning</b>	456	377	0	0	220	230	240	250	1,773
<b>Roof and Structural Systems</b>					<b>BCL/Program Code:</b>				<b>B301105</b>
Roof and Structural Systems (B301105)	770	659	0	0	0	0	0	0	1,429
<b>Roof and Structural Systems</b>	770	659	0	0	0	0	0	0	1,429
<b>Safety, Security and Access Improvements</b>					<b>BCL/Program Code:</b>				<b>B301108</b>
Safety, Security and Access Improvements (B301108)	204	111	0	0	0	0	0	0	315
<b>Safety, Security and Access Improvements</b>	204	111	0	0	0	0	0	0	315
<b>Department Total*:</b>	2,772	2,523	1,050	820	1,720	1,930	2,090	2,250	15,155

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program





# The Seattle Public Library

## Fund Summary

Fund Name & Code	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	2,316	2,146	830	600	1,720	1,930	2,090	2,250	13,882
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	456	377	0	0	0	0	0	0	833
General Subfund (00100)	0	0	220	220	0	0	0	0	440
<b>Department Total*:</b>	<b>2,772</b>	<b>2,523</b>	<b>1,050</b>	<b>820</b>	<b>1,720</b>	<b>1,930</b>	<b>2,090</b>	<b>2,250</b>	<b>15,155</b>

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**



# The Seattle Public Library

## Building Systems

<b>BCL/Program Name:</b>	Building Systems	<b>BCL/Program Code:</b>	B301106
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	B301106	<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 funds major maintenance and repair of HVAC and other building systems serving the facilities of The Seattle Public Library. Typical improvements may include, but are not limited to, the repair and replacement of air handling units, cooling systems, plumbing fixtures, generators, and boilers throughout the Library system. This project helps to ensure that all Library facilities are available for use by the public on a regular basis, and extends the useful life of the building improvements made under the "Libraries for All" program. No new appropriations are made to this project as ongoing capital project funding is allocated to the Library Major Maintenance project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	388	74	0	0	0	0	0	0	462
<b>Total:</b>	388	74	0	0	0	0	0	0	462
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	388	74	0	0	0	0	0	0	462
<b>Total*:</b>	388	74	0	0	0	0	0	0	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 I Subaccount		70	4	0	0	0	0	0	74
<b>Total:</b>		70	4	0	0	0	0	0	74

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## 2011 - 2016 Adopted Capital Improvement Program

# The Seattle Public Library

## Landscape and Hardscape Restoration

<b>BCL/Program Name:</b>	Landscape and Hardscape Restoration	<b>BCL/Program Code:</b>	B301110
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	B301110	<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 preservation of hardscape elements such as walkways, entryways, and parking lots, as well as development and replacement of basic landscaping elements throughout the Library system. Typical improvements may include repair of concrete cracks, replacement or augmentation of plantings, and improvements to irrigation systems. No new appropriations are made to this project as ongoing capital project funding is allocated to the Library Major Maintenance project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	208	131	0	0	0	0	0	0	339
<b>Total:</b>	208	131	0	0	0	0	0	0	339
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	208	131	0	0	0	0	0	0	339
<b>Total*:</b>	208	131	0	0	0	0	0	0	339
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		100	31	0	0	0	0	0	131
<b>Total:</b>		100	31	0	0	0	0	0	131

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	366	964	830	600	1,500	1,700	1,850	2,000	9,810
General Subfund Revenues	0	0	220	220	0	0	0	0	440
<b>Total:</b>	366	964	1,050	820	1,500	1,700	1,850	2,000	10,250
<b>Fund Appropriations/Allocations</b>									
General Subfund	0	0	220	220	0	0	0	0	440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	366	964	830	600	1,500	1,700	1,850	2,000	9,810
<b>Total*:</b>	366	964	1,050	820	1,500	1,700	1,850	2,000	10,250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
General Subfund		0	220	220	0	0	0	0	440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		900	894	600	1,500	1,700	1,850	2,000	9,444
<b>Total:</b>		900	1,114	820	1,500	1,700	1,850	2,000	9,884

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

## 2011 - 2016 Adopted Capital Improvement Program

# The Seattle Public Library

## Minor Capital Improvements

<b>BCL/Program Name:</b>	Minor Capital Improvements	<b>BCL/Program Code:</b>	B301109
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	B301109	<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 the ability to address emerging, minor capital issues at any of the 26 branch libraries, the Central Library, and at storage/shops facilities. In many cases these work items improve the efficiency of maintenance and janitorial operations, or improve day-to-day functionality of buildings. No new appropriations are made to this project as ongoing capital project funding is allocated to the Library Major Maintenance project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	90	60	0	0	0	0	0	0	150
<b>Total:</b>	90	60	0	0	0	0	0	0	150
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	90	60	0	0	0	0	0	0	150
<b>Total*:</b>	90	60	0	0	0	0	0	0	150
<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		40	20	0	0	0	0	0	60
<b>Total:</b>		40	20	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.*

### 2011 - 2016 Adopted Capital Improvement Program

# The Seattle Public Library

## Operational Efficiency Improvements

<b>BCL/Program Name:</b>	Operational Efficiency Improvements	<b>BCL/Program Code:</b>	B301107
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	B301107	<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 capital improvements to library facilities designed to improve staff efficiency and respond to identified public service needs. Patterns of library usage are changing rapidly, and this project helps the Library to ensure that facilities are used in the optimal way to meet patron expectations. No new appropriations are made to this project as ongoing capital project funding is allocated to the Library Major Maintenance project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	290	147	0	0	0	0	0	0	437
<b>Total:</b>	290	147	0	0	0	0	0	0	437
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	290	147	0	0	0	0	0	0	437
<b>Total*:</b>	290	147	0	0	0	0	0	0	437
<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		100	47	0	0	0	0	0	147
<b>Total:</b>		100	47	0	0	0	0	0	147

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	456	377	0	0	0	0	0	0	833
Real Estate Excise Tax I	0	0	0	0	220	230	240	250	940
<b>Total:</b>	456	377	0	0	220	230	240	250	1,773
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	220	230	240	250	940
Cumulative Reserve Subfund - Unrestricted Subaccount	456	377	0	0	0	0	0	0	833
<b>Total*:</b>	456	377	0	0	220	230	240	250	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	0	220	230	240	250	940
Cumulative Reserve Subfund - Unrestricted Subaccount		327	50	0	0	0	0	0	377
<b>Total:</b>		327	50	0	220	230	240	250	1,317

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

### 2011 - 2016 Adopted Capital Improvement Program



# The Seattle Public Library

## Roof and Structural Systems

<b>BCL/Program Name:</b>	Roof and Structural Systems	<b>BCL/Program Code:</b>	B301105
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	B301105	<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 funds roof repair and replacement, as well as other structural repairs, to Library facilities. Typical improvements may include but are not limited to, maintenance of building envelopes and roofs to prevent water damage. This project extends the useful life of the improvements carried out under the "Libraries for All" Program. No new appropriations are made to this program, as ongoing capital project funding is allocated to the Library Major Maintenance Project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	770	659	0	0	0	0	0	0	1,429
<b>Total:</b>	770	659	0	0	0	0	0	0	1,429
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	770	659	0	0	0	0	0	0	1,429
<b>Total*:</b>	770	659	0	0	0	0	0	0	1,429
<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		559	100	0	0	0	0	0	659
<b>Total:</b>		559	100	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.*

### 2011 - 2016 Adopted Capital Improvement Program

# The Seattle Public Library

## Safety, Security and Access Improvements

<b>BCL/Program Name:</b>	Safety, Security and Access Improvements	<b>BCL/Program Code:</b>	B301108
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	B301108	<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 improvements and repairs to ensure that Seattle's public libraries are safe and secure. Typical safety improvements may include: precautionary measures to prevent patrons and staff from tripping or hurting themselves in or around Library facilities, work to improve visibility of all public areas of Library facilities so that staff is better able to monitor activity, and improvements to keep the Central and branch libraries accessible to people with disabilities. No new appropriations are made to this program, as ongoing capital project funding is allocated to the Library Major Maintenance Project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	204	111	0	0	0	0	0	0	315
<b>Total:</b>	204	111	0	0	0	0	0	0	315
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	204	111	0	0	0	0	0	0	315
<b>Total*:</b>	204	111	0	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>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		80	31	0	0	0	0	0	111
<b>Total:</b>		80	31	0	0	0	0	0	111

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

### 2011 - 2016 Adopted Capital Improvement Program

## Overview of Facilities and Programs

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 major assets of the City's transportation system are 1,531 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 and 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. The transportation infrastructure is valued at over \$13 billion.

The CIP reflects expected new revenue from a \$20 vehicle license fee (VLF) imposed by the newly-created Seattle Transportation Benefit District. This source is expected to generate nearly \$11.3 million in funding for the transportation system over 2011 and 2012 and will accelerate implementation of the Bike and Pedestrian master plans and allow for increased maintenance of the City's transportation assets. In total, the Adopted CIP includes \$35 million for the Pedestrian Master Plan Implementation project over the six-year period, compared with \$21 million during the six years covered by the 2010-2015 Adopted CIP. The Bike Master Plan Implementation project totals \$29 million over the planning period, compared with \$28 million funding relative to the six years covered in the 2010-2015 Adopted CIP. Funding for these projects will enhance the safety and convenience of walking and biking in Seattle, increasing access to these sustainable transportation modes.

The 2010-2015 Adopted CIP identified the need to find \$6.1 million in additional funding to support the Linden Avenue North Complete Streets project. Through support of the expected new revenue, this project is now fully funded, with \$9.5 million in total project spending occurring between 2011 and 2013. The CIP also includes additional annual support from the expected new revenue for Neighborhood Streets Fund large projects, to allow more high-scoring community-identified projects to be completed in the current program cycle.

A 2.5 percent increase in the CPT rate was adopted by the City Council in September 2010 for support of the Alaskan Way Viaduct & Seawall Replacement Program (AWVSRP). This brings the total CPT rate to 12.5% in 2011.

An excess property tax-supported bond measure is also proposed to fully fund replacement of the Elliott Bay Seawall. Once placed before voters and approved, this \$243 million measure would provide a stable, secure funding source for critical work that needs to be done to replace the Seawall. Until a permanent funding source is secured, the City will need to rely on interim or partial financing strategies to enable work to proceed. The Adopted Budget relies on an increment of 2.5 percent of the commercial parking tax to support work until full funding is secured. A public vote on the proposed bond measure is anticipated to occur in 2011. More details are described below.

## Highlights

- ◆ **Walk Bike Ride:** The 2011-2016 Adopted CIP includes several projects which are consistent with the goal of making walking, biking, and riding transit the easiest ways to get around in Seattle. As described above, the 2011-2016 Adopted CIP increases funding to the bicycle and pedestrian master

## Seattle Department of Transportation

plans. Funds will support maintenance activities such as sidewalk repair, stairway rehabilitation and crosswalk remarking, to preserve the City's investments in bicycle, pedestrian and transit facilities.

- ◆ **Bridging the Gap:** The 2011-2016 Adopted CIP continues work funded by the Bridging the Gap (BTG) initiative to repair and improve Seattle's streets, bike trails, sidewalks, and bridges. The package included a commercial parking tax, an employee hours tax (EHT), and a property tax levy that was approved by Seattle citizens in November 2006. Effective January 1, 2010, the City repealed the EHT through Ordinance 123150. The Adopted CIP includes use of the remaining EHT fund balance but does not include ongoing revenue from this source.

The approved BTG property tax measure is a nine-year levy, with the annual growth rate of levy revenue capped at one percent plus the value of new construction, set to expire in 2015. The Adopted CIP assumes a levy renewal, with amounts in 2016 allocated at status quo levels.

The nine-year goals of Bridging the Gap are to:

- Reduce the infrastructure maintenance backlog.
- Pave and repair Seattle streets.
- Make seismic upgrades to our most vulnerable bridges.
- Improve pedestrian and bicycle safety and create safe routes to schools.
- Increase transit speed and reliability.

For detailed progress reports, see <http://www.seattle.gov/transportation/BridgingtheGap.htm>

- ◆ **Linden Avenue N 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 councilmembers, incorporating many suggested changes. The new revenue reflected in the 2011-2016 Adopted CIP will allow SDOT to fully design and construct this corridor.
- ◆ **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 4<sup>th</sup> Avenue off-ramp was completed summer 2010. The remaining portion of the project is anticipated to be complete in 2012. Due to favorable bids, the overall project cost has been reduced by \$5.5 million compared to the 2010-2015 Adopted CIP.
- ◆ **King Street Station Multimodal Terminal:** In 2011, construction work will continue on the King Street Station. The Station will be remodeled and transformed into a transportation hub connecting express bus, commuter train, and light rail service. The City is partnering with the Washington State Department of Transportation to complete the restoration of the building so that it complies with the City's Sustainable Building Policy using a combination of State, Federal, and Bridging the Gap funds. The first phase of the project was completed in 2010 and the next phase is expected to be completed in 2012. The City continues to seek grants and outside funding for subsequent phases.

### 2011-2016 Adopted Capital Improvement Program

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- ◆ **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.

The project funding includes \$33.6 million in private contributions, \$9 million in Federal Highway Administration Surface Transportation Program funds allocated through the Puget Sound Regional Council, and \$30 million in American Reinvestment and Recovery Act funds allocated through the Transportation Investment Generating Economic Recovery (TIGER) program. With the TIGER grant, the project is fully funded and construction began in 2010. Substantial completion is expected in 2013. Due to favorable bids, the overall project cost has been reduced by over \$26 million compared to the 2010-2015 Adopted CIP.

- ◆ **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 (headways of approximately 10 minutes during peak periods) and operate the same hours as the light rail system. The project is expected to be substantially complete in 2013.
- ◆ **Alaskan Way Viaduct & Seawall Replacement Program (AWVSRP):** The 2011-2016 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, Central Waterfront Public Space and Surface Streets, Mercer Corridor Project West Phase, Early Electrical Relocation, Battery Street Tunnel decommissioning, Holgate to King South End project, Transit Enhancements, SR-519 Phase II, and other surface street improvements.

To meet City funding obligations (see Ordinance 123133 for additional information), the Executive proposed a funding plan in June 2010 that includes an increase in the commercial parking tax of 2.5 percent, a 30-year bond levy, and future formation of a Local Improvement District. The 2011 Adopted and 2012 Endorsed Budget implements this plan, utilizing 2.5% of the CPT to support approximately \$70 million in planned cash and bond fund expenditures for the City's support to the Mercer Corridor West Phase, the Parking Program, and Project Services components as well as interim costs for the Central Waterfront and 2011 Seawall costs. This approach provides sufficient funding for work to continue in the near-term, but full funding still needs to be secured.

The Executive continues to recommend authorization of a public vote for a bond measure and excess property tax levy for the purpose of design, construction, renovation, improvement and replacement of the Elliott Bay Seawall. A bond measure is the most appropriate source of funds for this project, compared to other potential transportation revenues. Other than for purposes of interim financing, the Executive does not recommend increasing CPT for the Central Seawall or Central Waterfront components. The CPT is one of the few revenue sources dedicated to transportation improvements in an environment where existing transportation revenues are declining or stretched thin. It is critical to preserve the CPT as a funding source in this financially strained climate.

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In 2011, significant construction work will be underway on a series of “early implementation” AWVSRP projects that began in 2009. These include the Holgate to King South End major construction and utility location projects funded and managed by the State, and work on the parking mitigation program. The City will also continue efforts in planning, design, and support activities for the other elements of the program and will continue to work with the U.S. Army Corps of Engineers on design and construction of components of the north seawall. 2011 spending will include accelerated design of the Seawall.

Details of SDOT’s portion of this work can be found in the following project pages under the Alaskan Way Viaduct and Seawall Replacement project and the Mercer Corridor Project West Phase project. The 2011-2016 Adopted CIP also includes funding for Seattle City Light and Seattle Public Utilities for utility relocation and associated work.

### **Elliott Bay Seawall**

The current cost estimate to design and construct the replacement of the aging seawall from Washington to Pine streets (also known as the Central Seawall) is \$274 million, excluding utility costs. Because of the risks associated with the Central Seawall’s current state of decline, the design has been accelerated compared to earlier schedules. The design consultant has been selected and is currently developing conceptual designs. Pre-construction activities involve ongoing coordination with the Central Waterfront design effort.

### **Central Waterfront Public Spaces and Surface Streets**

Most of the Alaskan Way surface street costs are the State’s responsibility. The City’s portion for the waterfront and public space components is approximately \$123 million. However, the cost estimates were developed using a basic configuration and costs are expected to increase as design development progresses. Consultant selection occurred in 2010. Funding for this portion of the program will be provided by the creation of a Local Improvement District in future years.

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

The Mercer West project will convert Mercer Street to a two-way street between Dexter Ave and Elliott Ave West. The current cost estimate is \$100 million. A design consultant has been selected and is currently analyzing alternative designs that could lower the project cost. The project is expected to reach the 30% design milestone in the first quarter of 2011. Following successful adoption and passage of the proposed bond levy for the Elliott Bay Seawall, the Mercer Corridor Project West Phase will be fully funded by the existing 2.5% CPT referenced above.

### **First Avenue Streetcar**

The First Avenue Streetcar has been removed from the funding plan for the AWVSRP. Analysis of the First Avenue Streetcar will be included in the work done to develop the Transit Master Plan.

## **Project Selection Process**

The City tries to balance three goals in making infrastructure capital investments:

- ◆ Maintenance and rehabilitation of existing facilities to reduce the deferred maintenance backlog;
- ◆ Strategic increases in the capacity of existing facilities to meet growing demand; and
- ◆ Development of new facilities to provide additional services.

### **2011-2016 Adopted Capital Improvement Program**

# Seattle Department of Transportation

SDOT prioritizes its large-scale projects to prepare recommendations on those to include in the budget, the CIP, and the grant development process. The process includes several steps.

## **Step 1: Identification of Transportation Needs**

In this step projects for future funding are identified. These needs are developed from a number of sources (not listed in any priority order):

- Ongoing operations and maintenance programs
- Backlog of projects
- Projects in current CIP
- Projects from transportation plans
- Neighborhood plans and citizen requests
- Coordination with partner agencies

## **Step 2: Identification of Non-discretionary Programs and Projects**

This step identifies non-discretionary programs and projects that must be budgeted for completion. Criteria for these items are as follows (not listed in any priority order):

- Mandated, with serious consequences for failing to meet the mandate (e.g., debt service, judgment and claims payments, Metro “Ride-Free Zone” payment, federal or state law mandates)
- Reimbursable services to other City departments or outside agencies (e.g., repairing utility cuts)
- Restricted funding services (e.g., support for Sound Transit, Alaskan Way Viaduct)
- Services that generate revenue for General Subfund (e.g., parking pay station installation)
- Currently in construction (stopping these projects would be more costly than completing them)
- Urgent safety or emergency needs (e.g., landslide, sinkhole)

## **Step 3: Prioritization of Discretionary Projects**

The projects remaining after Step 2 are then screened to determine whether they are best implemented as one of SDOT’s annual maintenance or improvement programs, such as paving, bridge replacement or new sidewalk programs. Projects suited for these programs tend to be smaller in scale (e.g., less than \$500,000) and are rated by program sponsors based on criteria tailored to each program and implemented as annual program funding is available.

Large capital projects considered to be best implemented on a stand-alone basis due to the size of project, complexity, or need to secure external funding and grants are ranked separately based on a quantifiable 100-point scoring system. This ranking process evaluates each project based on its merits, using criteria derived from goals identified in Seattle’s Comprehensive Plan and Transportation Strategic Plan:

- Enhance public safety
- Promote environmental stewardship
- Support priority corridors
- Advance complete streets implementation
- Support areas of future growth
- Support community equity and health

## **2011-2016 Adopted Capital Improvement Program**

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## **Step 4: Prioritizing Projects for Implementation**

Once projects have been ranked based on objective criteria in Step 3, the final prioritization order is determined based on other, qualitative considerations:

- Leveraging opportunities
- Other funding availability (e.g., grants, contributions)
- Community support
- Existing commitments
- Geographic equity

The final result is a list of prioritized large capital projects which are incorporated into the CIP, if funding is available.

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

In some projects, the Department has identified operations and maintenance costs at 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. Projects that do identify operations and maintenance costs, such as the Burke-Gilman Trail Extension and Lake Union Ship Canal Trail projects, have the costs built into the Department's operating budget.

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

The City Council adopted the following capital budget provisos:

Of the appropriations in the 2011 budget for the Seattle Department of Transportation, \$50,000 is appropriated solely for a consultant contract to provide advice to the City Council related to the SR 520 Project and may be spent for no other purpose.

None of the money appropriated in the 2011 budget for the Seattle Department of Transportation may be spent for a consultant contract to provide advice to the City Council related to the SR 520 Project until the SDOT Director receives a letter from the City Council President authorizing such spending.



# Seattle Department of Transportation

## Project Summary

<b>BCL/Program Name</b>										
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>	
<b>Debt Service Program</b>		<b>BCL/Program Code:</b>							<b>18002D</b>	
Debt Service - CRF (TC320060)	2,359	2,575	2,699	1,833	1,371	1,372	1,372	0	13,581	
<b>Debt Service Program</b>	<b>2,359</b>	<b>2,575</b>	<b>2,699</b>	<b>1,833</b>	<b>1,371</b>	<b>1,372</b>	<b>1,372</b>	<b>0</b>	<b>13,581</b>	
<b>Major Maintenance/Replacement</b>		<b>BCL/Program Code:</b>							<b>19001</b>	
Arterial Asphalt and Concrete Program (TC365440)	97,179	42,526	21,035	14,932	15,053	11,189	15,682	20,000	237,596	
Arterial Major Maintenance (TC365940)	6,870	509	1,471	1,058	108	137	168	171	10,492	
Bike Master Plan Implementation (TC366760)	6,886	3,239	4,651	4,788	4,716	4,823	4,933	5,026	39,062	
Bridge Load Rating (TC365060)	2,506	169	250	250	250	250	250	250	4,175	
Bridge Painting Program (TC324900)	9,229	3,897	1,498	2,948	2,135	2,135	2,135	2,135	26,112	
Bridge Rehabilitation and Replacement (TC366850)	11,382	45,878	15,398	13,188	10,742	9,838	25	0	106,451	
Bridge Seismic Retrofit Phase II (TC365810)	5,408	16,618	4,374	3,153	314	325	0	0	30,192	
Hazard Mitigation Program - Areaways (TC365480)	3,522	663	1,072	307	316	327	338	349	6,894	
Hazard Mitigation Program - Landslide Mitigation Projects (TC365510)	5,167	1,005	350	454	408	412	416	421	8,633	
Miscellaneous, Unforeseen, and Emergencies (TC320030)	1,081	14	0	0	0	0	0	0	1,095	
Non-Arterial Asphalt Street Resurfacing (TC323920)	1,648	232	97	105	115	124	132	135	2,588	
Non-Arterial Concrete Rehabilitation (TC323160)	1,620	274	228	238	250	260	270	276	3,416	
Retaining Wall Repair and Restoration (TC365890)	3,347	241	212	212	212	212	212	212	4,860	
Sidewalk Safety Repair (TC365120)	6,563	2,561	1,748	1,814	1,870	1,926	1,997	2,037	20,516	
South Park Bridge (TC365780)	508	138	188	3,155	12,153	65	50	10	16,267	
Street Lighting Program (TC366900)	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000	
<b>Major Maintenance/Replacement</b>	<b>162,916</b>	<b>117,964</b>	<b>52,572</b>	<b>47,602</b>	<b>49,642</b>	<b>33,023</b>	<b>27,608</b>	<b>32,022</b>	<b>523,349</b>	
<b>Major Projects</b>		<b>BCL/Program Code:</b>							<b>19002</b>	
Alaskan Way Viaduct & Seawall Replacement (TC366050)	30,338	17,426	21,766	29,708	116,165	119,238	97,672	75,521	507,833	

\*Amounts in thousands of dollars

**2011 - 2016 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>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
First Hill Streetcar (TC367100)	440	5,140	27,250	49,371	42,988	7,591	0	0	132,780
Magnolia Bridge Replacement Project (TC366060)	9,462	10	0	0	0	0	0	0	9,472
Mercer Corridor Project (TC365500)	80,249	70,642	2,252	10,854	8,476	0	0	0	172,473
Mercer Corridor Project West Phase (TC367110)	0	9,290	9,037	15,055	36,996	29,613	0	0	99,991
Spokane St. Viaduct (TC364800)	49,235	72,751	44,526	11,815	0	0	0	0	178,327
SR-520 Project (TC365880)	883	564	303	302	309	316	323	0	3,000
<b>Major Projects</b>	<b>170,607</b>	<b>175,823</b>	<b>105,133</b>	<b>117,105</b>	<b>204,935</b>	<b>156,758</b>	<b>97,995</b>	<b>75,521</b>	<b>1,103,876</b>
<b>Mobility-Capital</b>									<b>BCL/Program Code: 19003</b>
14th Ave. S Street Improvements (TC366220)	2,974	36	6	2	0	0	0	0	3,018
15th Ave W/Elliott Ave W Street Improvements (TC367000)	2,146	357	0	0	0	0	0	0	2,503
3rd Avenue NE Signalization (TC366580)	446	77	0	0	0	0	0	0	523
5th Ave Streetscapes Improvements (TC367080)	131	699	0	0	0	0	0	0	830
Alaskan Way Viaduct Intelligent Transportation System (TC367010)	5,567	4,485	0	0	0	0	0	0	10,052
Aurora Transit, Pedestrian, and Safety Improvements (TC366250)	3,403	0	0	0	1,500	5,500	15,000	8,000	33,403
Burke-Gilman Trail Extension (TC364830)	13,863	11,063	0	20	0	0	0	0	24,946
Center City Access Strategy Program (TC366600)	2,978	2,726	100	100	0	0	0	0	5,904
Cheshiahud Lake Union Trail Project (TC367070)	236	764	0	0	0	0	0	0	1,000
Chief Sealth Trail (TC365690)	4,161	1,585	0	0	0	0	0	0	5,746
Collision Evaluation Program (TC323860)	1,156	189	146	148	152	156	161	166	2,274
Denny Triangle Improvements (TC365760)	472	378	0	0	0	0	0	0	850
Duwamish Bikeway (TC327010)	1,517	28	0	0	0	0	0	0	1,545
Duwamish Intelligent Transportation Systems (ITS) (TC365700)	7,415	573	0	0	0	0	0	0	7,988

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

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## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Duwamish Truck Mobility Improvement Program (TC365850)	290	493	645	1,111	900	490	505	520	4,954
Grant Match Reserve Opportunity Fund (TC365910)	5	0	0	0	0	0	0	0	5
Greenwood Avenue N Street Improvements (TC366380)	6,142	780	0	0	0	0	0	0	6,922
Intelligent Transportation Systems (ITS) Plan Implementation (TC365870)	8,466	478	8	0	0	0	0	0	8,952
King Street Station Multimodal Terminal (TC366810)	7,306	15,693	6,317	0	23,588	0	0	0	52,904
Lake Union Ship Canal Trail (TC327000)	6,235	2,567	28	0	0	0	0	0	8,830
Left Turn Signals (TC323130)	2,897	404	183	186	195	203	209	215	4,492
Linden Avenue North Complete Streets (TC366930)	708	1,922	3,203	4,800	1,535	0	0	0	12,168
Montlake Triangle Multimodal Connection (TC367160)	0	0	0	0	0	0	0	0	0
Mountains to Sound Greenway Trail (TC365750)	413	2,439	0	0	0	0	0	0	2,852
NE Northgate Way Intersection and Pedestrian Improvements (TC366830)	1,556	16	0	0	2,240	0	0	0	3,812
Neighborhood Traffic Control Program (TC323250)	4,905	385	400	400	400	400	400	400	7,690
New Traffic Signals (TC323610)	4,978	317	485	306	321	335	287	295	7,324
NSF/CRS Neighborhood Program (TC365770)	16,551	3,826	3,443	2,406	2,107	2,161	2,217	2,262	34,973
Pay Stations (TC366350)	15,687	2,227	0	0	0	0	0	0	17,914
Pedestrian Master Plan - School Safety (TC367170)	0	0	1,006	1,026	1,047	1,067	1,088	1,110	6,344
Pedestrian Master Plan Implementation (TC367150)	0	5,093	4,902	6,091	5,591	5,653	6,369	6,421	40,120
Railroad Crossing Signal Improvements (TC367090)	115	1,725	0	0	0	0	0	0	1,840
S Henderson Street Improvements (TC366300)	2,062	16	10	0	0	0	0	0	2,088
S Lander St. Grade Separation (TC366150)	2,533	0	0	0	0	0	0	0	2,533
Sound Transit - University Link (TC367040)	529	251	126	130	127	131	123	130	1,547

*\*Amounts in thousands of dollars*

### 2011 - 2016 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>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Terry Avenue North Street Improvements (TC367030)	0	700	900	0	0	0	0	0	1,600
Thomas St Pedestrian Overpass (formerly Belltown/Queen Anne Waterfront Connections-Thomas St.) (TC366210)	2,189	3,869	4,042	0	0	0	0	0	10,100
Transit Corridor Projects (TC366860)	5,030	6,675	6,685	4,381	4,128	3,150	3,250	0	33,299
West Duwamish Trail (TC367130)	0	2,000	0	0	0	0	0	0	2,000
<b>Mobility-Capital</b>	135,062	74,836	32,635	21,107	43,831	19,246	29,609	19,519	375,845
<b>Department Total*:</b>	470,944	371,198	193,039	187,647	299,779	210,399	156,583	127,062	2,016,650

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**

# Seattle Department of Transportation

## Fund Summary

Fund Name & Code	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
2000 Parks Levy Fund (33850)	2,542	2,671	0	0	0	0	0	0	5,213
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)	7,720	420	0	0	0	0	0	0	8,140
2007 Multipurpose LTGO Bond Fund (35100)	22,597	23	0	0	0	0	0	0	22,620
2008 Multipurpose LTGO Bond Fund (35200)	46,845	18,011	0	0	0	0	0	0	64,856
2008 Parks Levy Fund (33860)	510	7,250	0	0	0	0	0	0	7,760
2009 Multipurpose LTGO Bond Fund (35300)	24,093	39,993	0	0	0	0	0	0	64,086
2010 Multipurpose LTGO Bond Fund (35400)	0	74,637	0	0	0	0	0	0	74,637
2011 Multipurpose LTGO Bond Fund (35500)	0	0	61,686	0	0	0	0	0	61,686
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	4,479	280	0	0	0	0	0	0	4,759
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	59,518	10,680	5,819	5,383	4,071	4,072	4,072	2,700	96,315
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)	1,897	2,512	300	0	0	0	0	0	4,709
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	819	2,849	0	0	0	0	0	0	3,668
Emergency Subfund (00185)	195	5	0	0	0	0	0	0	200
Open Spaces & Trails Bond Fund (33620)	3,279	0	0	0	0	0	0	0	3,279
To Be Determined (TBD)	0	0	0	3,155	33,873	10,933	15,908	8,000	71,869
Transportation Bond Fund (31600)	5,874	27	33	53,554	106,973	113,190	51,100	0	330,751
Transportation Operating Fund (10310)	267,210	211,840	125,201	125,555	154,862	82,204	85,503	116,362	1,168,736
<b>Department Total*:</b>	<b>470,944</b>	<b>371,198</b>	<b>193,039</b>	<b>187,647</b>	<b>299,779</b>	<b>210,399</b>	<b>156,583</b>	<b>127,062</b>	<b>2,016,650</b>

*\*Amounts in thousands of dollars*

**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
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
State Gas Taxes - Arterial City Street Fund	825	0	6	2	0	0	0	0	833
Real Estate Excise Tax II	892	36	0	0	0	0	0	0	928
<b>Total:</b>	2,974	36	6	2	0	0	0	0	3,018
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	892	36	0	0	0	0	0	0	928
Transportation Operating Fund	2,082	0	6	2	0	0	0	0	2,090
<b>Total*:</b>	2,974	36	6	2	0	0	0	0	3,018
<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		33	2	0	0	0	0	0	36
Transportation Operating Fund		0	6	2	0	0	0	0	8
<b>Total:</b>		33	8	2	0	0	0	0	44

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle Department of Transportation

## 15th Ave W/Elliott Ave W 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>	Q1/2008
<b>Project ID:</b>	TC367000	<b>End Date:</b>	Q4/2011
<b>Location:</b>	15th Ave W/Denny Ave W/NW 90th St/Denny Wy		
<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 implements Intelligent Transportation Systems (ITS) improvements in the Elliott Avenue West and 15th Avenue West corridor between Denny Way and NW 90th Street to manage traffic, provide traveler information, and support transit speed and reliability. It includes Dynamic Message Signs (DMS), traffic cameras, travel time measuring devices, bridge messaging, traffic signal upgrades, signal operations improvements, and transit signal priority as well as asphalt overlay, drainage improvements, and sidewalk and curb ramp improvements. Tree pits are to be constructed along sidewalks where space allows. There are minor close-out costs in 2011.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	0	59	0	0	0	0	0	0	59
State Grant Funds	1,790	79	0	0	0	0	0	0	1,869
Transportation Funding Package - Parking Tax	356	219	0	0	0	0	0	0	575
<b>Total:</b>	2,146	357	0	0	0	0	0	0	2,503
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	2,146	357	0	0	0	0	0	0	2,503
<b>Total*:</b>	2,146	357	0	0	0	0	0	0	2,503
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		347	9	0	0	0	0	0	356
<b>Total:</b>		347	9	0	0	0	0	0	356

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Private Funding/Donations	45	0	0	0	0	0	0	0	45
City Light Fund Revenues	59	0	0	0	0	0	0	0	59
Real Estate Excise Tax II	342	77	0	0	0	0	0	0	419
<b>Total:</b>	446	77	0	0	0	0	0	0	523
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	342	77	0	0	0	0	0	0	419
Transportation Operating Fund	104	0	0	0	0	0	0	0	104
<b>Total*:</b>	446	77	0	0	0	0	0	0	523
<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		59	9	9	0	0	0	0	77
<b>Total:</b>		59	9	9	0	0	0	0	77

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
2009 Multipurpose LTGO Bond Fund	131	699	0	0	0	0	0	0	830
<b>Total:</b>	131	699	0	0	0	0	0	0	830
<b>Fund Appropriations/Allocations</b>									
2009 Multipurpose LTGO Bond Fund	131	699	0	0	0	0	0	0	830
<b>Total*:</b>	131	699	0	0	0	0	0	0	830
<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		669	15	10	5	0	0	0	699
<b>Total:</b>		669	15	10	5	0	0	0	699

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Transportation Bond Funds	0	0	0	22,100	76,900	78,100	51,100	0	228,200
2011 Multipurpose LTGO bond Fund	0	0	14,900	0	0	0	0	0	14,900
King County Funds	891	1,433	0	0	15,000	15,000	0	0	32,324
General Subfund Revenues	2,693	258	0	0	0	0	0	0	2,951
State Gas Taxes - Arterial City Street Fund	224	0	0	0	0	0	0	0	224
Federal Grant Funds	3,800	0	0	0	0	0	0	0	3,800
Vehicle Licensing Fees	0	0	0	0	0	0	0	0	0
State Grant Funds	2,646	4,863	3,466	6,008	21,065	22,038	37,072	72,821	169,978
Commercial Parking Tax	0	0	3,400	1,600	3,200	4,100	9,500	2,700	24,500
2005 LTGO Bond	5,000	0	0	0	0	0	0	0	5,000
2008 Multipurpose LTGO Bond Fund	391	90	0	0	0	0	0	0	481
2007 Multipurpose LTGO Bond	2,902	18	0	0	0	0	0	0	2,920
2003 LTGO Bond	5,000	0	0	0	0	0	0	0	5,000
2009 Multipurpose LTGO Bond Fund	1,571	199	0	0	0	0	0	0	1,770
2006 LTGO Bond	5,220	0	0	0	0	0	0	0	5,220
2010 Multipurpose LTGO Bond Fund	0	10,565	0	0	0	0	0	0	10,565
<b>Total:</b>	30,338	17,426	21,766	29,708	116,165	119,238	97,672	75,521	507,833

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Transportation Operating Fund	10,254	6,554	6,866	7,608	39,265	41,138	46,572	75,521	233,777
2005 LTGO Capital Project Fund	5,000	0	0	0	0	0	0	0	5,000
Transportation Bond Fund	0	0	0	22,100	76,900	78,100	51,100	0	228,200
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	2,902	18	0	0	0	0	0	0	2,920
2008 Multipurpose LTGO Bond Fund	391	90	0	0	0	0	0	0	481
2009 Multipurpose LTGO Bond Fund	1,571	199	0	0	0	0	0	0	1,770
2010 Multipurpose LTGO Bond Fund	0	10,565	0	0	0	0	0	0	10,565
2011 Multipurpose LTGO Bond Fund	0	0	14,900	0	0	0	0	0	14,900
<b>Total*:</b>	<b>30,338</b>	<b>17,426</b>	<b>21,766</b>	<b>29,708</b>	<b>116,165</b>	<b>119,238</b>	<b>97,672</b>	<b>75,521</b>	<b>507,833</b>

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

### Spending Plan by Fund

Transportation Operating Fund	6,554	6,866	7,608	39,265	41,138	46,572	75,521	223,524
2005 LTGO Capital Project Fund	0	0	0	0	0	0	0	0
Transportation Bond Fund	0	0	22,100	76,900	78,100	51,100	0	228,200
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	18	0	0	0	0	0	0	18
2008 Multipurpose LTGO Bond Fund	90	0	0	0	0	0	0	90
2009 Multipurpose LTGO Bond Fund	199	0	0	0	0	0	0	199
2010 Multipurpose LTGO Bond Fund	10,165	400	0	0	0	0	0	10,565
2011 Multipurpose LTGO Bond Fund	0	14,900	0	0	0	0	0	14,900
<b>Total:</b>	<b>17,026</b>	<b>22,166</b>	<b>29,708</b>	<b>116,165</b>	<b>119,238</b>	<b>97,672</b>	<b>75,521</b>	<b>477,496</b>

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Alaskan Way Viaduct Intelligent Transportation System

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2008
<b>Project ID:</b>	TC367010	<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 will implement Intelligent Transportation Systems (ITS) improvements to help mitigate the construction of the Alaskan Way Viaduct project. The improvements include Dynamic Message Signs (DMS), traffic cameras, travel time measuring devices, traffic signal upgrades, signal operations improvements, bridge messaging, data stations, and communications upgrades. There are minor close-out costs in 2011.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
King County Funds	457	661	0	0	0	0	0	0	1,118
State Grant Funds	5,110	3,824	0	0	0	0	0	0	8,934
<b>Total:</b>	<b>5,567</b>	<b>4,485</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,052</b>
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	5,567	4,485	0	0	0	0	0	0	10,052
<b>Total*:</b>	<b>5,567</b>	<b>4,485</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,052</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		4,412	73	0	0	0	0	0	4,485
<b>Total:</b>		<b>4,412</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,485</b>

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### 2011 - 2016 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

This ongoing project resurfaces asphalt and concrete arterial streets. 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 in 2010 for planned construction for 2011 or later include 15th Avenue NE from Pacific to 55th, Dexter Avenue North from Mercer to 4th Avenue North (Fremont), Ellis Avenue South from East Marginal Way to South Albro Place, Albro from Ellis to Corrigiat, Corson from East Marginal to Michigan, and Airport from Hardy to Lucile.

LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
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*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Revenue Sources

King County Funds	430	0	0	0	0	0	0	0	430
Transportation Funding Package - Business Transportation Tax	2,823	2,804	1,623	0	0	0	0	0	7,250
General Subfund Revenues	3,125	0	0	0	0	0	0	0	3,125
Partnership Funds	886	459	720	0	0	0	0	0	2,065
Transportation Funding Package - Lid Lift	35,046	23,723	14,700	14,800	12,377	10,920	15,299	20,000	146,865
Private Funding/Donations	81	9	0	0	0	0	0	0	90
City Light Fund Revenues	0	60	30	0	0	0	0	0	90
Vehicle Licensing Fees	346	0	0	0	0	0	0	0	346
Drainage and Wastewater Rates	1,774	0	0	0	0	0	0	0	1,774
Interfund Loan	0	9,739	1,365	0	0	0	0	0	11,104
Federal Grant Funds	11,110	0	0	0	0	0	0	0	11,110
State Gas Taxes - City Street Fund	291	0	0	0	0	0	0	0	291
State Gas Taxes - Arterial City Street Fund	443	0	0	0	0	0	0	0	443
Transportation Funding Package - Parking Tax	7,051	5,496	2,597	132	0	0	0	0	15,276
Street Vacations	950	0	0	0	0	0	0	0	950
Transportation Bond Funds	800	0	0	0	0	0	0	0	800
Real Estate Excise Tax I	501	0	0	0	0	0	0	0	501
2009 Multipurpose LTGO Bond Fund	14,775	225	0	0	0	0	0	0	15,000
Real Estate Excise Tax II	16,494	11	0	0	0	0	0	0	16,505
To be determined	0	0	0	0	2,676	269	383	0	3,328
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
<b>Total:</b>	<b>97,179</b>	<b>42,526</b>	<b>21,035</b>	<b>14,932</b>	<b>15,053</b>	<b>11,189</b>	<b>15,682</b>	<b>20,000</b>	<b>237,596</b>

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	16,494	11	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	63,406	42,290	21,035	14,932	12,377	10,920	15,299	20,000	200,259
Transportation Bond Fund	800	0	0	0	0	0	0	0	800
2009 Multipurpose LTGO Bond Fund	14,775	225	0	0	0	0	0	0	15,000
<b>Total*:</b>	<b>97,179</b>	<b>42,526</b>	<b>21,035</b>	<b>14,932</b>	<b>12,377</b>	<b>10,920</b>	<b>15,299</b>	<b>20,000</b>	<b>234,268</b>

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

## 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

O & M Costs (Savings)	0	0	0	0	0	0	0	0
 <b>Spending Plan by Fund</b>								
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	11	0	0	0	0	0	0	11
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
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	35,047	28,278	14,932	12,377	10,920	15,299	20,000	136,853
Transportation Bond Fund	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	225	0	0	0	0	0	0	225
To Be Determined	0	0	0	2,676	269	383	0	3,328
<b>Total:</b>	<b>35,282</b>	<b>28,278</b>	<b>14,932</b>	<b>15,053</b>	<b>11,189</b>	<b>15,682</b>	<b>20,000</b>	<b>140,416</b>

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### 2011 - 2016 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 includes arterial resurfacing by City personnel of streets identified throughout the City under the Arterial Major Maintenance Program. The project also funds pavement management activities necessary for assessing street condition and prioritizing paving projects.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Parking Tax	0	500	0	0	0	0	0	0	500
Drainage and Wastewater Rates	45	0	0	0	0	0	0	0	45
State Gas Taxes - Arterial City Street Fund	557	9	46	74	108	137	168	171	1,270
General Subfund Revenues	200	0	400	562	0	0	0	0	1,162
State Gas Taxes - City Street Fund	1,329	0	0	0	0	0	0	0	1,329
Transportation Funding Package - Lid Lift	0	0	1,025	347	0	0	0	0	1,372
Real Estate Excise Tax I	750	0	0	0	0	0	0	0	750
Real Estate Excise Tax II	3,989	0	0	75	0	0	0	0	4,064
<b>Total:</b>	6,870	509	1,471	1,058	108	137	168	171	10,492
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,989	0	0	75	0	0	0	0	4,064
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	750	0	0	0	0	0	0	0	750
Transportation Operating Fund	2,131	509	1,471	983	108	137	168	171	5,678
<b>Total*:</b>	6,870	509	1,471	1,058	108	137	168	171	10,492
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	75	0	0	0	0	75
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	508	1,471	983	108	137	168	171	3,546
<b>Total:</b>	508	1,471	1,058	108	137	168	171	3,621

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Subfund Revenues	34	0	0	0	0	0	0	0	34
State Grant Funds	362	0	0	0	0	0	0	0	362
State Gas Taxes - Arterial City Street Fund	985	0	0	0	0	0	0	0	985
King County Funds	70	0	0	0	0	0	0	0	70
Federal Grant Funds	1,689	0	0	0	0	0	0	0	1,689
Drainage and Wastewater Rates	133	0	0	0	0	0	0	0	133
Real Estate Excise Tax II	130	0	0	0	0	0	0	0	130
To be determined	0	0	0	0	1,500	5,500	15,000	8,000	30,000
<b>Total:</b>	3,403	0	0	0	1,500	5,500	15,000	8,000	33,403
<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	3,273	0	0	0	0	0	0	0	3,273
<b>Total*:</b>	3,403	0	0	0	0	0	0	0	3,403
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
To Be Determined		0	0	50	1,450	5,500	15,000	8,000	30,000
<b>Total:</b>		0	0	50	1,450	5,500	15,000	8,000	30,000

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### 2011 - 2016 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; additional funding available through Walk Bike Ride would allow for accelerated Bicycle Master Plan implementation.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
To be determined	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax II	0	500	0	0	0	0	0	0	500
State Gas Taxes - Arterial City Street Fund	0	0	315	371	382	394	406	414	2,282
Transportation Funding Package - Business Transportation Tax	0	786	0	0	0	0	0	0	786
Transportation Funding Package - Lid Lift	6,886	1,792	4,072	4,241	4,334	4,429	4,527	4,612	34,893
General Subfund Revenues	0	0	264	176	0	0	0	0	440
Transportation Funding Package - Parking Tax	0	161	0	0	0	0	0	0	161
<b>Total:</b>	6,886	3,239	4,651	4,788	4,716	4,823	4,933	5,026	39,062
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	500	0	0	0	0	0	0	500
Transportation Operating Fund	6,886	2,739	4,651	4,788	4,716	4,823	4,933	5,026	38,562
<b>Total*:</b>	6,886	3,239	4,651	4,788	4,716	4,823	4,933	5,026	39,062
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	970	169	250	250	250	250	250	250	2,639
State Gas Taxes - City Street Fund	309	0	0	0	0	0	0	0	309
General Subfund Revenues	388	0	0	0	0	0	0	0	388
Vehicle Licensing Fees	200	0	0	0	0	0	0	0	200
Property Sales and Interest Earnings	27	0	0	0	0	0	0	0	27
Real Estate Excise Tax II	612	0	0	0	0	0	0	0	612
<b>Total:</b>	2,506	169	250	250	250	250	250	250	4,175
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	612	0	0	0	0	0	0	0	612
Cumulative Reserve Subfund - Unrestricted Subaccount	27	0	0	0	0	0	0	0	27
Transportation Operating Fund	1,867	169	250	250	250	250	250	250	3,536
<b>Total*:</b>	2,506	169	250	250	250	250	250	250	4,175
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		169	250	250	250	250	250	250	1,669
<b>Total:</b>		169	250	250	250	250	250	250	1,669

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	8	394	135	135	135	135	135	135	1,212
Federal Grant Funds	180	0	0	0	0	0	0	0	180
General Subfund Revenues	695	0	88	88	0	0	0	0	871
State Gas Taxes - City Street Fund	270	0	0	0	0	0	0	0	270
King County Funds	10	0	0	0	0	0	0	0	10
Real Estate Excise Tax I	141	0	0	0	0	0	0	0	141
Real Estate Excise Tax II	7,834	3,503	1,275	2,725	2,000	2,000	2,000	2,000	23,337
South Lake Union Property Sale Proceeds	91	0	0	0	0	0	0	0	91
<b>Total:</b>	9,229	3,897	1,498	2,948	2,135	2,135	2,135	2,135	26,112
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	7,834	3,503	1,275	2,725	2,000	2,000	2,000	2,000	23,337
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	1,163	394	223	223	135	135	135	135	2,543
<b>Total*:</b>	9,229	3,897	1,498	2,948	2,135	2,135	2,135	2,135	26,112
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,070	1,708	2,725	2,000	2,000	2,000	2,000	15,503
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	394	223	223	135	135	135	135	1,380
<b>Total:</b>	3,464	1,931	2,948	2,135	2,135	2,135	2,135	16,883

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Parking Tax	979	1,978	981	2,599	0	5	0	0	6,542
Transportation Funding Package - Lid Lift	1,047	0	0	0	0	0	0	0	1,047
State Gas Taxes - Arterial City Street Fund	20	0	0	0	0	0	0	0	20
City Light Fund Revenues	0	100	25	80	0	0	0	0	205
Federal Grant Funds	338	1,153	0	0	0	0	0	0	1,491
Transportation Funding Package - Business Transportation Tax	1,141	403	0	0	0	0	0	0	1,544
General Subfund Revenues	11	0	0	0	0	0	0	0	11
Public Works Trust Fund Proceeds	750	250	4,200	1,800	0	0	0	0	7,000
2011 Multipurpose LTGO bond Fund	0	0	10,192	0	0	0	0	0	10,192
To be determined	0	0	0	0	600	4,356	25	0	4,981
2010 Multipurpose LTGO Bond Fund	0	30,464	0	0	0	0	0	0	30,464
Transportation Funding Package - Bonds	0	0	0	8,709	10,142	5,477	0	0	24,328
Real Estate Excise Tax II	320	0	0	0	0	0	0	0	320
2008 Multipurpose LTGO Bond Fund	2,509	1,456	0	0	0	0	0	0	3,965
2009 Multipurpose LTGO Bond Fund	4,267	10,074	0	0	0	0	0	0	14,341
<b>Total:</b>	11,382	45,878	15,398	13,188	10,742	9,838	25	0	106,451

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### 2011 - 2016 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	4,286	3,884	5,206	4,479	0	5	0	0	17,860
Transportation Bond Fund	0	0	0	8,709	10,142	5,477	0	0	24,328
2008 Multipurpose LTGO Bond Fund	2,509	1,456	0	0	0	0	0	0	3,965
2009 Multipurpose LTGO Bond Fund	4,267	10,074	0	0	0	0	0	0	14,341
2010 Multipurpose LTGO Bond Fund	0	30,464	0	0	0	0	0	0	30,464
2011 Multipurpose LTGO Bond Fund	0	0	10,192	0	0	0	0	0	10,192
<b>Total*:</b>	<b>11,382</b>	<b>45,878</b>	<b>15,398</b>	<b>13,188</b>	<b>10,142</b>	<b>5,482</b>	<b>0</b>	<b>0</b>	<b>101,470</b>

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Transportation Operating Fund	3,691	5,399	4,479	0	5	0	0	0	13,574
Transportation Bond Fund	0	0	8,709	10,142	5,477	0	0	0	24,328
2008 Multipurpose LTGO Bond Fund	1,456	0	0	0	0	0	0	0	1,456
2009 Multipurpose LTGO Bond Fund	10,074	0	0	0	0	0	0	0	10,074
2010 Multipurpose LTGO Bond Fund	16,838	13,601	25	0	0	0	0	0	30,464
To Be Determined	0	0	0	600	4,356	25	0	0	4,981
2011 Multipurpose LTGO Bond Fund	0	10,192	0	0	0	0	0	0	10,192
<b>Total:</b>	<b>32,059</b>	<b>29,192</b>	<b>13,213</b>	<b>10,742</b>	<b>9,838</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>95,069</b>

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### 2011 - 2016 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 project prioritizes the 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 will follow. The project enhances the safety of City bridges and completes partial retrofits that were part of Phase I.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Bonds	0	0	0	1,690	0	0	0	0	1,690
2010 Multipurpose LTGO Bond Fund	0	12,164	0	0	0	0	0	0	12,164
Transportation Funding Package - Parking Tax	387	2,307	693	0	0	0	0	0	3,387
Federal Grant Funds	0	0	184	135	0	0	0	0	319
State Gas Taxes - City Street Fund	63	0	0	0	0	0	0	0	63
Transportation Funding Package - Business Transportation Tax	440	448	0	0	0	0	0	0	888
City Light Fund Revenues	0	520	230	0	0	0	0	0	750
Transportation Funding Package - Lid Lift	2,798	1,175	1,330	1,328	0	0	0	0	6,631
2011 Multipurpose LTGO bond Fund	0	0	1,937	0	0	0	0	0	1,937
2008 Multipurpose LTGO Bond Fund	1,570	4	0	0	0	0	0	0	1,574
To be determined	0	0	0	0	314	325	0	0	639
Real Estate Excise Tax II	150	0	0	0	0	0	0	0	150
<b>Total:</b>	<b>5,408</b>	<b>16,618</b>	<b>4,374</b>	<b>3,153</b>	<b>314</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>30,192</b>

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### 2011 - 2016 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	3,688	4,450	2,437	1,463	0	0	0	0	12,038
Transportation Bond Fund	0	0	0	1,690	0	0	0	0	1,690
2008 Multipurpose LTGO Bond Fund	1,570	4	0	0	0	0	0	0	1,574
2010 Multipurpose LTGO Bond Fund	0	12,164	0	0	0	0	0	0	12,164
2011 Multipurpose LTGO Bond Fund	0	0	1,937	0	0	0	0	0	1,937
<b>Total*:</b>	<b>5,408</b>	<b>16,618</b>	<b>4,374</b>	<b>3,153</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29,553</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>

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Transportation Operating Fund		441	5,804	2,105	0	0	0	0	8,350
Transportation Bond Fund		0	0	1,690	0	0	0	0	1,690
2008 Multipurpose LTGO Bond Fund		4	0	0	0	0	0	0	4
2010 Multipurpose LTGO Bond Fund		5,046	3,686	3,202	230	0	0	0	12,164
To Be Determined		0	0	0	314	325	0	0	639
2011 Multipurpose LTGO Bond Fund		0	1,937	0	0	0	0	0	1,937
<b>Total:</b>		<b>5,490</b>	<b>11,427</b>	<b>6,997</b>	<b>544</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>24,783</b>

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

### 2011 - 2016 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>	Q4/2013
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,723	0	0	0	0	0	0	0	1,723
Street Vacations	380	0	0	0	0	0	0	0	380
Drainage and Wastewater Rates	373	0	0	0	0	0	0	0	373
Partnership Funds	880	0	0	0	0	0	0	0	880
State Gas Taxes - Arterial City Street Fund	444	1	0	0	0	0	0	0	445
Transportation Funding Package - Lid Lift	505	2,243	0	0	0	0	0	0	2,748
City Light Fund Revenues	369	0	0	20	0	0	0	0	389
State Gas Taxes - City Street Fund	474	0	0	0	0	0	0	0	474
Transportation Funding Package - Business Transportation Tax	0	458	0	0	0	0	0	0	458
General Subfund Revenues	306	65	0	0	0	0	0	0	371
Water Rates	224	0	0	0	0	0	0	0	224
Federal Grant Funds	4,938	1,000	0	0	0	0	0	0	5,938
King County Funds	150	0	0	0	0	0	0	0	150
Vehicle Licensing Fees	1,643	0	0	0	0	0	0	0	1,643
State Grant Funds	0	500	0	0	0	0	0	0	500
2009 Multipurpose LTGO Bond Fund	274	197	0	0	0	0	0	0	471
Transportation Bond Funds	384	0	0	0	0	0	0	0	384
Seattle Voter-Approved Levy	510	3,750	0	0	0	0	0	0	4,260
Trail and Open Space Levy	286	2,849	0	0	0	0	0	0	3,135
<b>Total:</b>	<b>13,863</b>	<b>11,063</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,946</b>

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

### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,723	0	0	0	0	0	0	0	1,723
Cumulative Reserve Subfund - Unrestricted Subaccount	286	2,849	0	0	0	0	0	0	3,135
Cumulative Reserve Subfund - Street Vacation Subaccount	380	0	0	0	0	0	0	0	380
Transportation Operating Fund	10,306	4,267	0	20	0	0	0	0	14,593
Transportation Bond Fund	384	0	0	0	0	0	0	0	384
2009 Multipurpose LTGO Bond Fund	274	197	0	0	0	0	0	0	471
2008 Parks Levy Fund	510	3,750	0	0	0	0	0	0	4,260

<b>Total*:</b>	13,863	11,063	0	20	0	0	0	0	24,946
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<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	0	100
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### 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		125	2,653	70	0	0	0	0	2,848
Cumulative Reserve Subfund - Street Vacation Subaccount		0	0	0	0	0	0	0	0
Transportation Operating Fund		117	1,762	2,399	10	0	0	0	4,287
Transportation Bond Fund		0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund		34	0	163	0	0	0	0	197
2008 Parks Levy Fund		102	1,415	2,213	20	0	0	0	3,750

<b>Total:</b>		377	5,830	4,845	30	0	0	0	11,082
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## 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Partnership Funds	25	1,225	0	0	0	0	0	0	1,250
General Subfund Revenues	229	214	0	0	0	0	0	0	443
City Light Fund Revenues	0	4	0	0	0	0	0	0	4
King County Funds	697	500	0	0	0	0	0	0	1,197
State Grant Funds	1,918	492	0	0	0	0	0	0	2,410
State Gas Taxes - Arterial City Street Fund	0	0	100	100	0	0	0	0	200
Real Estate Excise Tax II	109	291	0	0	0	0	0	0	400
<b>Total:</b>	2,978	2,726	100	100	0	0	0	0	5,904
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	109	291	0	0	0	0	0	0	400
Transportation Operating Fund	2,869	2,435	100	100	0	0	0	0	5,504
<b>Total*:</b>	2,978	2,726	100	100	0	0	0	0	5,904
<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		291	0	0	0	0	0	0	291
Transportation Operating Fund		2,379	145	108	3	0	0	0	2,635
<b>Total:</b>		2,671	145	108	3	0	0	0	2,927

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
2009 Multipurpose LTGO Bond Fund	236	764	0	0	0	0	0	0	1,000
<b>Total:</b>	236	764	0	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
2009 Multipurpose LTGO Bond Fund	236	764	0	0	0	0	0	0	1,000
<b>Total*:</b>	236	764	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		323	441	0	0	0	0	0	764
<b>Total:</b>		323	441	0	0	0	0	0	764

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### 2011 - 2016 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>	Q2/2012
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Sound Transit Funds	993	0	0	0	0	0	0	0	993
State Gas Taxes - Arterial City Street Fund	133	0	0	0	0	0	0	0	133
Federal Grant Funds	1,755	0	0	0	0	0	0	0	1,755
State Gas Taxes - City Street Fund	184	0	0	0	0	0	0	0	184
Drainage and Wastewater Rates	39	0	0	0	0	0	0	0	39
King County Funds	9	0	0	0	0	0	0	0	9
City Light Fund Revenues	109	0	0	0	0	0	0	0	109
General Subfund Revenues	178	0	0	0	0	0	0	0	178
Seattle Voter-Approved Levy	400	0	0	0	0	0	0	0	400
2009 Multipurpose LTGO Bond Fund	190	1,585	0	0	0	0	0	0	1,775
Real Estate Excise Tax I	171	0	0	0	0	0	0	0	171
<b>Total:</b>	4,161	1,585	0	0	0	0	0	0	5,746
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	171	0	0	0	0	0	0	0	171
Transportation Operating Fund	3,400	0	0	0	0	0	0	0	3,400
2000 Parks Levy Fund	400	0	0	0	0	0	0	0	400
2009 Multipurpose LTGO Bond Fund	190	1,585	0	0	0	0	0	0	1,775
<b>Total*:</b>	4,161	1,585	0	0	0	0	0	0	5,746

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### 2011 - 2016 Adopted Capital Improvement Program



## Seattle Department of Transportation

<b>O &amp; M Costs (Savings)</b>		20	20	20	20	20	20	120
 <b>Spending Plan by Fund</b>								
2009 Multipurpose LTGO	1,385	180	20	0	0	0	0	1,585
Bond Fund								
<b>Total:</b>	1,385	180	20	0	0	0	0	1,585

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### 2011 - 2016 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

The project provides low-cost revisions to hazardous street locations. Annual collisions are reviewed at intersections and at mid-block locations. Locations with five or more annual vehicle collisions are checked for collision patterns. Revisions can include removal, relocation or shielding of fixed objects, improved signage, improved delineation with raised islands, or striping. This project enhances the safety of the City's streets.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - City Street Fund	156	0	0	0	0	0	0	0	156
Transportation Funding Package - Lid Lift	66	46	45	44	46	47	49	50	393
State Gas Taxes - Arterial City Street Fund	493	42	95	104	106	109	112	116	1,177
Federal Grant Funds	353	45	0	0	0	0	0	0	398
Vehicle Licensing Fees	80	0	0	0	0	0	0	0	80
Partnership Funds	8	0	0	0	0	0	0	0	8
Transportation Funding Package - Parking Tax	0	56	6	0	0	0	0	0	62
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	1,156	189	146	148	152	156	161	166	2,274
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	1,156	189	146	148	152	156	161	166	2,274
<b>Total*:</b>	1,156	189	146	148	152	156	161	166	2,274
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		188	146	148	152	156	161	166	1,117
To Be Determined		0	0	0	0	0	0	0	0
<b>Total:</b>		188	146	148	152	156	161	166	1,117

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### 2011 - 2016 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 2011 costs as follows: Alaskan Way Viaduct /Tunnel & Seawall - TC366050 (2005 Bond - \$378,000; 2006 Bond - \$392,000; 2007 Bond - \$492,000 ); Bridge Way North and Fremont Circulation - TC366370 (\$278,000); Fremont Bridge Approaches and Electrical Major Maintenance - TC365790 (\$45,000); Mercer Corridor - TC365500 (\$467,000); and SR-519 - TC365020 (\$646,000).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,359	2,155	2,699	1,833	1,371	1,372	1,372	0	13,161
2006 LTGO Bond	0	420	0	0	0	0	0	0	420
<b>Total:</b>	2,359	2,575	2,699	1,833	1,371	1,372	1,372	0	13,581
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,359	2,155	2,699	1,833	1,371	1,372	1,372	0	13,161
2006 LTGO Capital Projects Fund	0	420	0	0	0	0	0	0	420
<b>Total*:</b>	2,359	2,575	2,699	1,833	1,371	1,372	1,372	0	13,581
<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 II Subaccount		2,155	2,699	1,833	1,371	1,372	1,372	1,372	12,174
2006 LTGO Capital Projects Fund		420	0	0	0	0	0	0	420
<b>Total:</b>		2,575	2,699	1,833	1,371	1,372	1,372	1,372	12,594

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

### 2011 - 2016 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>	Q4/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
King County Funds	40	310	0	0	0	0	0	0	350
State Gas Taxes - Arterial City Street Fund	18	0	0	0	0	0	0	0	18
King County Development Credits	414	68	0	0	0	0	0	0	482
<b>Total:</b>	472	378	0	0	0	0	0	0	850
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	472	378	0	0	0	0	0	0	850
<b>Total*:</b>	472	378	0	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>									
Transportation Operating Fund		358	20	0	0	0	0	0	378
<b>Total:</b>		358	20	0	0	0	0	0	378

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

### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Duwamish Bikeway

<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>	TC327010	<b>End Date:</b>	Q4/2011
<b>Location:</b>	W Marginal Wy SW		
<b>Neighborhood Plan:</b>	Duwamish	<b>Neighborhood Plan Matrix:</b>	TP-28
<b>Neighborhood District:</b>	Delridge	<b>Urban Village:</b>	Duwamish

This project constructs multi-use paths on Harbor Avenue SW from SW Florida Street to SW Spokane Street; SW Spokane Street from Harbor Avenue SW to Chelan Avenue SW; W Marginal Way from Chelan Avenue SW to SW Dakota Street; around Catholic Hill in South Park; and along Highland Park Way W from W Marginal Way to SW Webster Street. There are minor landscape establishment costs in 2011.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Partnership Funds	113	0	0	0	0	0	0	0	113
State Gas Taxes - Arterial City Street Fund	179	28	0	0	0	0	0	0	207
King County Voter-Approved Debt	1,225	0	0	0	0	0	0	0	1,225
<b>Total:</b>	1,517	28	0	0	0	0	0	0	1,545
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	292	28	0	0	0	0	0	0	320
Open Spaces & Trails Bond Fund	1,225	0	0	0	0	0	0	0	1,225
<b>Total*:</b>	1,517	28	0	0	0	0	0	0	1,545
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		18	10	0	0	0	0	0	28
<b>Total:</b>		18	10	0	0	0	0	0	28

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Duwamish Intelligent Transportation Systems (ITS)

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2000
<b>Project ID:</b>	TC365700	<b>End Date:</b>	Q4/2011
<b>Location:</b>	Various		
<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>	Not in an Urban Village

This project improves freight movement, transit travel, commuter traffic, and ferry access in the Duwamish Industrial Area through the interconnection of traffic signals and controller equipment upgrades, the development of driver information systems, and information links to railroad control centers. Roadway signs and closed-circuit television are designed and installed to monitor traffic conditions and accidents, and inform drivers of congestion points with links between the cameras, the Seattle Channel, and the City traffic web page. There are minor close-out costs in 2011.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	557	0	0	0	0	0	0	0	557
State Gas Taxes - City Street Fund	277	0	0	0	0	0	0	0	277
State Gas Taxes - Arterial City Street Fund	1,013	0	0	0	0	0	0	0	1,013
Transportation Funding Package - Business Transportation Tax	0	334	0	0	0	0	0	0	334
State Grant Funds	2,046	174	0	0	0	0	0	0	2,220
Federal Grant Funds	3,321	65	0	0	0	0	0	0	3,386
Private Funding/Donations	100	0	0	0	0	0	0	0	100
Real Estate Excise Tax II	101	0	0	0	0	0	0	0	101
<b>Total:</b>	<b>7,415</b>	<b>573</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,988</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	101	0	0	0	0	0	0	0	101
Transportation Operating Fund	7,314	573	0	0	0	0	0	0	7,887
<b>Total*:</b>	<b>7,415</b>	<b>573</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,988</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		555	19	0	0	0	0	0	573
<b>Total:</b>		<b>555</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>573</b>

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Duwamish Truck Mobility 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 the port, railroad intermodal yards, industrial businesses, the regional highway system, and the first and last miles in the supply chain. High-priority locations and two types of problems have been identified: inadequate turning radii at specific corners, forcing trucks to take circuitous routes or crawl through intersections; and busy intersections lacking signals or left-turn signal and queuing lanes, resulting in long waits for adequate gaps in traffic. The majority of the candidate truck mobility improvements are located in the Duwamish Industrial area, which is characterized by a high proportion of trucks in the traffic mix. Potential circulation improvements are also found in the street system crescent surrounding Port of Seattle facilities extending to Magnolia and the Ballard industrial area.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Federal Grant Funds	0	0	0	500	500	300	0	300	1,600
State Gas Taxes - Arterial City Street Fund	290	493	505	335	400	190	505	220	2,938
General Subfund Revenues	0	0	140	276	0	0	0	0	416
<b>Total:</b>	290	493	645	1,111	900	490	505	520	4,954
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	290	493	645	1,111	900	490	505	520	4,954
<b>Total*:</b>	290	493	645	1,111	900	490	505	520	4,954
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		493	645	1,111	900	490	505	520	4,664
<b>Total:</b>		493	645	1,111	900	490	505	520	4,664

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### 2011 - 2016 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>	Q2/2014
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Sound Transit Funds	440	5,140	27,250	49,371	42,988	7,591	0	0	132,780
<b>Total:</b>	440	5,140	27,250	49,371	42,988	7,591	0	0	132,780
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	440	5,140	27,250	49,371	42,988	7,591	0	0	132,780
<b>Total*:</b>	440	5,140	27,250	49,371	42,988	7,591	0	0	132,780
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		4,487	27,902	49,371	42,988	7,591	0	0	132,340
<b>Total:</b>		4,487	27,902	49,371	42,988	7,591	0	0	132,340

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	0	0	0	0	0	0	0	0	0
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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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	142	0	0	0	0	0	0	0	142
State Gas Taxes - Arterial City Street Fund	2,311	420	0	0	0	0	0	0	2,731
General Subfund Revenues	6	0	0	0	0	0	0	0	6
Federal Grant Funds	1,387	0	0	0	0	0	0	0	1,387
City Light Fund Revenues	0	180	0	0	0	0	0	0	180
State Grant Funds	1,991	180	0	0	0	0	0	0	2,171
Real Estate Excise Tax II	305	0	0	0	0	0	0	0	305
<b>Total:</b>	6,142	780	0	0	0	0	0	0	6,922
<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	5,837	780	0	0	0	0	0	0	6,617
<b>Total*:</b>	6,142	780	0	0	0	0	0	0	6,922
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		740	15	20	5	0	0	0	780
<b>Total:</b>		740	15	20	5	0	0	0	780

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Subfund Revenues	223	16	0	0	0	0	0	0	239
City Light Fund Revenues	19	0	0	0	0	0	0	0	19
Federal Grant Funds	0	115	775	0	0	0	0	0	890
State Gas Taxes - Arterial City Street Fund	0	0	9	19	28	39	50	61	206
Partnership Funds	0	10	0	0	0	0	0	0	10
Real Estate Excise Tax II	3,280	522	288	288	288	288	288	288	5,530
<b>Total:</b>	3,522	663	1,072	307	316	327	338	349	6,894
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,280	522	288	288	288	288	288	288	5,530
Transportation Operating Fund	242	141	784	19	28	39	50	61	1,364
<b>Total*:</b>	3,522	663	1,072	307	316	327	338	349	6,894
<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		498	313	288	288	288	288	288	2,250
Transportation Operating Fund		141	784	19	28	39	50	61	1,122
<b>Total:</b>		639	1,097	307	316	327	338	349	3,373

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Emergency Subfund Revenues	195	5	0	0	0	0	0	0	200
Real Estate Excise Tax II	3,868	377	150	250	200	200	200	200	5,445
Drainage and Wastewater Rates	49	0	0	0	0	0	0	0	49
General Subfund Revenues	1	0	0	0	0	0	0	0	1
State Gas Taxes - Arterial City Street Fund	299	246	200	204	208	212	216	221	1,806
Partnership Funds	22	0	0	0	0	0	0	0	22
Federal Grant Funds	733	377	0	0	0	0	0	0	1,110
<b>Total:</b>	5,167	1,005	350	454	408	412	416	421	8,633
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,868	377	150	250	200	200	200	200	5,445
Emergency Subfund	195	5	0	0	0	0	0	0	200
Transportation Operating Fund	1,104	623	200	204	208	212	216	221	2,988
<b>Total*:</b>	5,167	1,005	350	454	408	412	416	421	8,633
<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		377	150	250	200	200	200	200	1,577
Emergency Subfund		5	0	0	0	0	0	0	5
Transportation Operating Fund		623	200	204	208	212	216	221	1,884
<b>Total:</b>		1,005	350	454	408	412	416	421	3,466

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### 2011 - 2016 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 funding for high-priority projects identified in the City's Intelligent Transportation Systems (ITS) Strategic Plan and the ITS Master Plan, in combination with grant match and local ITS initiatives and spot improvements undertaken by City of Seattle crews. Examples of potential projects include transit signal priority strategies, ITS information systems, use of closed-circuit television (CCTV) cameras to monitor traffic in key travel corridors, real-time traffic responsive control, parking guidance systems, and traveler information. These projects are located in the Duwamish area, South Seattle, West Seattle, the downtown core, and Ballard. There are minor close-out costs in 2011.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Lid Lift	47	0	0	0	0	0	0	0	47
Federal Grant Funds	2,856	0	0	0	0	0	0	0	2,856
Sound Transit Funds	125	0	0	0	0	0	0	0	125
Partnership Funds	2,605	1	0	0	0	0	0	0	2,606
State Gas Taxes - Arterial City Street Fund	951	197	8	0	0	0	0	0	1,156
Port of Seattle Funds	298	202	0	0	0	0	0	0	500
State Grant Funds	775	78	0	0	0	0	0	0	853
Private Funding/Donations	430	0	0	0	0	0	0	0	430
General Subfund Revenues	46	0	0	0	0	0	0	0	46
State Gas Taxes - City Street Fund	164	0	0	0	0	0	0	0	164
King County Funds	94	0	0	0	0	0	0	0	94
Real Estate Excise Tax II	75	0	0	0	0	0	0	0	75
<b>Total:</b>	8,466	478	8	0	0	0	0	0	8,952
<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	8,391	478	8	0	0	0	0	0	8,877
<b>Total*:</b>	8,466	478	8	0	0	0	0	0	8,952
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Transportation Operating Fund	479	8	0	0	0	0	0	487
<b>Total:</b>	479	8	0	0	0	0	0	487

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### 2011 - 2016 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>	Q4/2013
<b>Location:</b>	303 S Jackson St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Pioneer Square

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
2011 Multipurpose LTGO bond Fund	0	0	4,011	0	0	0	0	0	4,011
General Subfund Revenues	190	0	0	0	0	0	0	0	190
Partnership Funds	15	7,500	0	0	0	0	0	0	7,515
State Grant Funds	0	735	0	0	0	0	0	0	735
Federal Grant Funds	2,323	6,042	2,299	0	0	0	0	0	10,664
Private Funding/Donations	167	0	0	0	0	0	0	0	167
King County Funds	23	15	7	0	0	0	0	0	45
2008 Multipurpose LTGO Bond Fund	3,274	0	0	0	0	0	0	0	3,274
2009 Multipurpose LTGO Bond Fund	1,314	400	0	0	0	0	0	0	1,714
To be determined	0	0	0	0	23,588	0	0	0	23,588
2010 Multipurpose LTGO Bond Fund	0	1,001	0	0	0	0	0	0	1,001
<b>Total:</b>	7,306	15,693	6,317	0	23,588	0	0	0	52,904
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	2,718	14,292	2,306	0	0	0	0	0	19,316
2008 Multipurpose LTGO Bond Fund	3,274	0	0	0	0	0	0	0	3,274
2009 Multipurpose LTGO Bond Fund	1,314	400	0	0	0	0	0	0	1,714
2010 Multipurpose LTGO Bond Fund	0	1,001	0	0	0	0	0	0	1,001
2011 Multipurpose LTGO Bond Fund	0	0	4,011	0	0	0	0	0	4,011
<b>Total*:</b>	7,306	15,693	6,317	0	0	0	0	0	29,316
<b>O &amp; M Costs (Savings)</b>			46	46	46	46	46	46	276

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

### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Transportation Operating Fund	10,867	5,731	0	0	0	0	0	16,598
Transportation Bond Fund	0	4,011	0	0	0	0	0	4,011
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	400	0	0	0	0	0	0	400
2010 Multipurpose LTGO Bond Fund	1,001	0	0	0	0	0	0	1,001
To Be Determined	0	0	0	23,588	0	0	0	23,588
2011 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>12,268</b>	<b>9,742</b>	<b>0</b>	<b>23,588</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,598</b>

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### 2011 - 2016 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>	Q4/2011
<b>Location:</b>	W Nickerson St/6th Ave W/15th Ave W		
<b>Neighborhood Plan:</b>	Queen Anne	<b>Neighborhood Plan Matrix:</b>	T11
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Ballard Interbay

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

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	10	0	0	0	0	0	0	10
Interagency Commission on Outdoor Recreation Grants	585	0	0	0	0	0	0	0	585
Federal Grant Funds	2,244	1,618	0	0	0	0	0	0	3,862
Drainage and Wastewater Rates	81	0	0	0	0	0	0	0	81
Transportation Funding Package - Lid Lift	0	270	0	0	0	0	0	0	270
State Gas Taxes - City Street Fund	124	0	0	0	0	0	0	0	124
State Gas Taxes - Arterial City Street Fund	0	8	28	0	0	0	0	0	36
Seattle Voter-Approved Levy	760	0	0	0	0	0	0	0	760
2009 Multipurpose LTGO Bond Fund	0	419	0	0	0	0	0	0	419
King County Voter-Approved Debt	2,054	0	0	0	0	0	0	0	2,054
Real Estate Excise Tax I	387	242	0	0	0	0	0	0	629
<b>Total:</b>	6,235	2,567	28	0	0	0	0	0	8,830
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	387	242	0	0	0	0	0	0	629
Transportation Operating Fund	3,034	1,906	28	0	0	0	0	0	4,968
Open Spaces & Trails Bond Fund	2,054	0	0	0	0	0	0	0	2,054
2000 Parks Levy Fund	760	0	0	0	0	0	0	0	760
2009 Multipurpose LTGO Bond Fund	0	419	0	0	0	0	0	0	419
<b>Total*:</b>	6,235	2,567	28	0	0	0	0	0	8,830

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

### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

<b>O &amp; M Costs (Savings)</b>		20	20	20	20	20	20	120
 <b>Spending Plan by Fund</b>								
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	242	0	0	0	0	0	0	242
Transportation Operating Fund	1,036	898	0	0	0	0	0	1,934
2009 Multipurpose LTGO Bond Fund	352	67	0	0	0	0	0	419
<b>Total:</b>	1,630	965	0	0	0	0	0	2,595

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

### 2011 - 2016 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. The Department established this project in 1992 to reduce accidents and meet state regulatory requirements. Locations are selected based on accident data.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Private Funding/Donations	50	0	0	0	0	0	0	0	50
State Grant Funds	101	0	0	0	0	0	0	0	101
General Subfund Revenues	675	0	0	0	0	0	0	0	675
Federal Grant Funds	459	3	0	0	0	0	0	0	462
State Gas Taxes - City Street Fund	399	0	0	0	0	0	0	0	399
Transportation Funding Package - Lid Lift	185	223	91	89	195	173	96	99	1,151
Vehicle Licensing Fees	47	0	0	0	0	0	0	0	47
State Gas Taxes - Arterial City Street Fund	981	91	0	0	0	0	0	0	1,072
Transportation Funding Package - Parking Tax	0	87	92	97	0	30	113	116	535
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	2,897	404	183	186	195	203	209	215	4,492
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	2,897	404	183	186	195	203	209	215	4,492
<b>Total*:</b>	2,897	404	183	186	195	203	209	215	4,492
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		403	183	186	195	203	209	215	1,594
To Be Determined		0	0	0	0	0	0	0	0
<b>Total:</b>		403	183	186	195	203	209	215	1,594

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

### 2011 - 2016 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>	Q2/2013
<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, and asphalt road replacement. The improvements will provide pedestrian, drainage and roadway improvements, and complete the final link in the Interurban Trail North.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Parking Tax	0	0	0	0	0	0	0	0	0
Transportation Bond Funds	0	0	0	4,500	1,535	0	0	0	6,035
Transportation Funding Package - Parking Tax	0	1,500	3,203	0	0	0	0	0	4,703
City Light Fund Revenues	0	0	0	300	0	0	0	0	300
Real Estate Excise Tax II	395	335	0	0	0	0	0	0	730
Street Vacations	313	87	0	0	0	0	0	0	400
<b>Total:</b>	708	1,922	3,203	4,800	1,535	0	0	0	12,168
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	395	335	0	0	0	0	0	0	730
Cumulative Reserve Subfund - Street Vacation Subaccount	313	87	0	0	0	0	0	0	400
Transportation Operating Fund	0	1,500	3,203	300	0	0	0	0	5,003
Transportation Bond Fund	0	0	0	4,500	1,535	0	0	0	6,035
<b>Total*:</b>	708	1,922	3,203	4,800	1,535	0	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		335	0	0	0	0	0	0	335
Cumulative Reserve Subfund - Street Vacation Subaccount		87	0	0	0	0	0	0	87
Transportation Operating Fund		1,500	3,203	4,800	1,535	0	0	0	11,038
To Be Determined		0	0	0	0	0	0	0	0
<b>Total:</b>		1,922	3,203	4,800	1,535	0	0	0	11,460

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### 2011 - 2016 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 \$252.4 million.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	100	0	0	0	0	0	0	0	100
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
Federal Grant Funds	8,950	0	0	0	0	0	0	0	8,950
State Gas Taxes - Arterial City Street Fund	102	10	0	0	0	0	0	0	112
Street Vacations	40	0	0	0	0	0	0	0	40
To be determined	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax II	209	0	0	0	0	0	0	0	209
<b>Total:</b>	9,462	10	0	0	0	0	0	0	9,472
<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	9,213	10	0	0	0	0	0	0	9,223
<b>Total*:</b>	9,462	10	0	0	0	0	0	0	9,472
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	10	0	0	0	0	0	0	10
To Be Determined	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>

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### 2011 - 2016 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.

LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Revenue Sources

Transportation Funding Package - Parking Tax	2,912	0	0	0	0	0	0	0	2,912
City Light Fund Revenues	0	3,630	370	2,000	2,511	0	0	0	8,511
Private Funding/Donations	20,811	8,914	0	3,500	375	0	0	0	33,600
General Subfund Revenues	194	0	0	0	0	0	0	0	194
Drainage and Wastewater Rates	0	1,120	0	80	259	0	0	0	1,459
State Gas Taxes - Arterial City Street Fund	873	90	0	0	0	0	0	0	963
Water Rates	0	1,226	0	274	431	0	0	0	1,931
Interfund Loan	0	0	0	0	4,900	0	0	0	4,900
Federal ARRA Funds: FHWA Highway Infrastructure Investment	0	30,000	0	0	0	0	0	0	30,000
Federal Grant Funds	1,766	7,198	1,882	0	0	0	0	0	10,846
State Gas Taxes - City Street Fund	200	0	0	0	0	0	0	0	200
2010 Multipurpose LTGO Bond Fund	0	3,100	0	0	0	0	0	0	3,100
2003 LTGO Bond	600	0	0	0	0	0	0	0	600
Transportation Bond Funds	4,560	0	0	0	0	0	0	0	4,560
Transportation Funding Package - Bonds	0	0	0	5,000	0	0	0	0	5,000
Real Estate Excise Tax II	361	0	0	0	0	0	0	0	361
2007 Multipurpose LTGO Bond	16,295	5	0	0	0	0	0	0	16,300
2002B LTGO Bond	400	0	0	0	0	0	0	0	400
2006 LTGO Bond	2,500	0	0	0	0	0	0	0	2,500
2008 Multipurpose LTGO Bond Fund	26,815	15,359	0	0	0	0	0	0	42,174
South Lake Union Property Sale Proceeds	50	0	0	0	0	0	0	0	50
2005 LTGO Bond	1,912	0	0	0	0	0	0	0	1,912
<b>Total:</b>	<b>80,249</b>	<b>70,642</b>	<b>2,252</b>	<b>10,854</b>	<b>8,476</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>172,473</b>

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### 2011 - 2016 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	26,756	52,178	2,252	5,854	8,476	0	0	0	95,516
2005 LTGO Capital Project Fund	1,912	0	0	0	0	0	0	0	1,912
Transportation Bond Fund	4,560	0	0	5,000	0	0	0	0	9,560
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	16,295	5	0	0	0	0	0	0	16,300
2008 Multipurpose LTGO Bond Fund	26,815	15,359	0	0	0	0	0	0	42,174
2010 Multipurpose LTGO Bond Fund	0	3,100	0	0	0	0	0	0	3,100
<b>Total*:</b>	<b>80,249</b>	<b>70,642</b>	<b>2,252</b>	<b>10,854</b>	<b>8,476</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>172,473</b>

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount		0	0	0	0	0	0	0	0
Transportation Operating Fund	14,845	24,075	21,364	8,476	0	0	0	0	68,760
2005 LTGO Capital Project Fund	0	0	0	0	0	0	0	0	0
Transportation Bond Fund	0	0	5,000	0	0	0	0	0	5,000
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0	0
2003 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
2007 Multipurpose LTGO Bond Fund	5	0	0	0	0	0	0	0	5
2008 Multipurpose LTGO Bond Fund	1,150	9,925	4,196	88	0	0	0	0	15,359
2010 Multipurpose LTGO Bond Fund	0	0	2,440	400	130	130	0	0	3,100
<b>Total:</b>	<b>16,000</b>	<b>34,000</b>	<b>33,000</b>	<b>8,964</b>	<b>130</b>	<b>130</b>	<b>0</b>	<b>0</b>	<b>92,224</b>

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

## 2011 - 2016 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>	Q4/2014
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Grant Funds	0	0	0	0	0	0	0	0	0
Private Funding/Donations	0	0	0	0	25,600	0	0	0	25,600
Federal Grant Funds	0	290	900	3,500	3,500	0	0	0	8,190
2010 Multipurpose LTGO Bond Fund	0	9,000	0	0	0	0	0	0	9,000
2011 Multipurpose LTGO bond Fund	0	0	8,137	0	0	0	0	0	8,137
Transportation Bond Funds	0	0	0	11,555	7,896	29,613	0	0	49,064
<b>Total:</b>	0	9,290	9,037	15,055	36,996	29,613	0	0	99,991

### Fund Appropriations/Allocations

Transportation Operating Fund	0	290	900	3,500	29,100	0	0	0	33,790
Transportation Bond Fund	0	0	0	11,555	7,896	29,613	0	0	49,064
2010 Multipurpose LTGO Bond Fund	0	9,000	0	0	0	0	0	0	9,000
2011 Multipurpose LTGO Bond Fund	0	0	8,137	0	0	0	0	0	8,137
<b>Total*:</b>	0	9,290	9,037	15,055	36,996	29,613	0	0	99,991

### Spending Plan by Fund

Transportation Operating Fund	290	900	3,500	29,100	0	0	0	0	33,790
Transportation Bond Fund	0	0	11,555	7,896	29,613	0	0	0	49,064
2010 Multipurpose LTGO Bond Fund	5,700	3,300	0	0	0	0	0	0	9,000
2011 Multipurpose LTGO Bond Fund	0	8,137	0	0	0	0	0	0	8,137
<b>Total:</b>	5,990	12,337	15,055	36,996	29,613	0	0	0	99,991

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## 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	388	14	0	0	0	0	0	0	402
General Subfund Revenues	292	0	0	0	0	0	0	0	292
Federal Grant Funds	72	0	0	0	0	0	0	0	72
State Gas Taxes - Arterial City Street Fund	329	0	0	0	0	0	0	0	329
<b>Total:</b>	1,081	14	0	0	0	0	0	0	1,095
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	388	14	0	0	0	0	0	0	402
Transportation Operating Fund	693	0	0	0	0	0	0	0	693
<b>Total*:</b>	1,081	14	0	0	0	0	0	0	1,095
<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		14	0	0	0	0	0	0	14
<b>Total:</b>		14	0	0	0	0	0	0	14

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle Department of Transportation

## Montlake Triangle Multimodal Connection

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	TC367160	<b>End Date:</b>	TBD
<b>Location:</b>	Pacific PL NE/NE Pacific ST/Montlake BLVD NE		
<b>Neighborhood Plan:</b>	University	<b>Neighborhood Plan Matrix:</b>	D2
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	University District

The Washington State Department of Transportation's Preferred Alternative for the SR 520 Bridge Replacement Project proposes new multimodal connections at the Montlake Triangle, adjacent to Husky Stadium, Sound Transit light rail, the University of Washington Medical Center, and the central campus. The proposed multimodal connection would grade separate Pacific Place and Montlake Boulevard to provide improved bicycle and pedestrian connections between the transit facilities, destinations, and bicycle and pedestrian routes through this area. The project would involve multiple jurisdictions including WSDOT, Sound Transit, the University of Washington, King County Metro and the City. Funding and implementation responsibilities will be determined through SR 520 project agreements. This project was formerly called "Pedestrian Land Bridge at the University of Washington's Rainier Vista."

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
To be determined	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>									
Transportation Operating Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	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.*

### 2011 - 2016 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>	Q4/2010
<b>Location:</b>	TP-28 4th Ave. S/S Royal Brougham Way		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	TP-28
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This project designs and constructs the trail connection from the trail terminus at 12th Ave S and South Charles St to the east approach of Holgate I-5 overpass. Work includes paving the trail, installing a crosswalk, landscaping, lighting, and appropriate directional and regulatory signs.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	23	46	0	0	0	0	0	0	69
Federal Grant Funds	184	570	0	0	0	0	0	0	754
Seattle Voter-Approved Levy	161	1,823	0	0	0	0	0	0	1,984
Street Vacations	45	0	0	0	0	0	0	0	45
<b>Total:</b>	413	2,439	0	0	0	0	0	0	2,852
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	45	0	0	0	0	0	0	0	45
Transportation Operating Fund	207	616	0	0	0	0	0	0	823
2000 Parks Levy Fund	161	1,823	0	0	0	0	0	0	1,984
<b>Total*:</b>	413	2,439	0	0	0	0	0	0	2,852
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	20	120
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		617	0	0	0	0	0	0	617
2000 Parks Levy Fund		1,733	80	5	5	0	0	0	1,823
<b>Total:</b>		2,350	80	5	5	0	0	0	2,440

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle Department of Transportation

## NE Northgate Way Intersection and Pedestrian Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	TC366830	<b>End Date:</b>	ON HOLD
<b>Location:</b>	NE Northgate Wy/5th Ave NE		
<b>Neighborhood Plan:</b>	Northgate	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Northgate

This project purchases the right-of-way needed to widen Northgate Way at the Fifth Avenue NE intersection. This long planned improvement is part of the Fifth Avenue Development Plan and Northgate's Urban Center Revitalization Plan. Construction of the future intersection improvements is estimated to be \$2.24 million.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Federal Grant Funds	617	0	0	0	0	0	0	0	617
To be determined	0	0	0	0	2,240	0	0	0	2,240
Real Estate Excise Tax II	939	16	0	0	0	0	0	0	955
<b>Total:</b>	1,556	16	0	0	2,240	0	0	0	3,812
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	939	16	0	0	0	0	0	0	955
Transportation Operating Fund	617	0	0	0	0	0	0	0	617
<b>Total*:</b>	1,556	16	0	0	0	0	0	0	1,572
<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		16	0	0	0	0	0	0	16
Transportation Operating Fund		0	0	0	0	0	0	0	0
To Be Determined		0	0	0	2,240	0	0	0	2,240
<b>Total:</b>		16	0	0	2,240	0	0	0	2,256

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	1,366	385	202	202	202	202	202	202	2,963
Vehicle Licensing Fees	801	0	198	198	198	198	198	198	1,989
State Gas Taxes - City Street Fund	2,064	0	0	0	0	0	0	0	2,064
Federal Grant Funds	37	0	0	0	0	0	0	0	37
General Subfund Revenues	384	0	0	0	0	0	0	0	384
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
<b>Total:</b>	4,905	385	400	400	400	400	400	400	7,690
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Transportation Operating Fund	4,652	385	400	400	400	400	400	400	7,437
<b>Total*:</b>	4,905	385	400	400	400	400	400	400	7,690
<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		385	400	400	400	400	400	400	2,785
<b>Total:</b>		385	400	400	400	400	400	400	2,785

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - City Street Fund	1,252	0	0	0	0	0	0	0	1,252
Federal Grant Funds	757	0	0	0	0	0	0	0	757
State Gas Taxes - Arterial City Street Fund	1,236	0	0	39	0	0	0	0	1,275
Private Funding/Donations	0	0	180	0	0	0	0	0	180
General Subfund Revenues	262	0	0	0	0	0	0	0	262
Transportation Funding Package - Lid Lift	566	290	272	267	321	335	287	295	2,633
To be determined	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax II	905	0	0	0	0	0	0	0	905
Transportation Funding Package - Parking Tax	0	27	33	0	0	0	0	0	60
<b>Total:</b>	4,978	317	485	306	321	335	287	295	7,324
<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	4,073	290	452	306	321	335	287	295	6,359
Transportation Bond Fund	0	27	33	0	0	0	0	0	60
<b>Total*:</b>	4,978	317	485	306	321	335	287	295	7,324
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	317	485	306	321	335	287	295	2,346
Transportation Bond Fund	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	0	0	0
<b>Total:</b>	317	485	306	321	335	287	295	2,346

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### 2011 - 2016 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 citywide. 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 repair non-arterial bus route streets.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	173	100	97	105	115	124	132	135	981
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
Real Estate Excise Tax II	928	132	0	0	0	0	0	0	1,060
<b>Total:</b>	1,648	232	97	105	115	124	132	135	2,588
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	928	132	0	0	0	0	0	0	1,060
Transportation Operating Fund	720	100	97	105	115	124	132	135	1,528
<b>Total*:</b>	1,648	232	97	105	115	124	132	135	2,588
<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		132	0	0	0	0	0	0	132
Transportation Operating Fund		100	97	105	115	124	132	135	808
<b>Total:</b>		232	97	105	115	124	132	135	940

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### 2011 - 2016 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 repairs and/or replaces deteriorated concrete street panels citywide. 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 repair non-arterial bus route streets.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	37	0	0	0	0	0	0	0	37
State Gas Taxes - City Street Fund	341	0	0	0	0	0	0	0	341
State Gas Taxes - Arterial City Street Fund	344	219	228	238	250	260	270	276	2,085
Real Estate Excise Tax II	898	55	0	0	0	0	0	0	953
<b>Total:</b>	1,620	274	228	238	250	260	270	276	3,416
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	898	55	0	0	0	0	0	0	953
Transportation Operating Fund	722	219	228	238	250	260	270	276	2,463
<b>Total*:</b>	1,620	274	228	238	250	260	270	276	3,416
<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		55	0	0	0	0	0	0	55
Transportation Operating Fund		219	228	238	250	260	270	276	1,741
<b>Total:</b>		274	228	238	250	260	270	276	1,796

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Parking Tax	0	251	257	0	0	0	0	0	508
Miscellaneous Grants or Donations	98	0	0	0	0	0	0	0	98
State Gas Taxes - City Street Fund	426	0	0	0	0	0	0	0	426
General Subfund Revenues	1,196	324	332	352	0	0	0	0	2,204
Private Funding/Donations	90	0	0	0	0	0	0	0	90
State Grant Funds	75	0	0	0	0	0	0	0	75
Transportation Funding Package - Lid Lift	4,536	1,980	1,739	2,047	2,107	2,161	2,116	1,967	18,653
State Gas Taxes - Arterial City Street Fund	1,503	121	45	7	0	0	101	295	2,072
Drainage and Wastewater Rates	81	0	0	0	0	0	0	0	81
Vehicle Licensing Fees	0	0	100	0	0	0	0	0	100
To be determined	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	219	38	0	0	0	0	0	0	257
Real Estate Excise Tax II	8,327	1,112	970	0	0	0	0	0	10,409
<b>Total:</b>	16,551	3,826	3,443	2,406	2,107	2,161	2,217	2,262	34,973

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	8,327	1,112	970	0	0	0	0	0	10,409
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	219	38	0	0	0	0	0	0	257
Transportation Operating Fund	8,005	2,676	2,473	2,406	2,107	2,161	2,217	2,262	24,307
<b>Total*:</b>	16,551	3,826	3,443	2,406	2,107	2,161	2,217	2,262	34,973

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## 2011 - 2016 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	1,112	970	0	0	0	0	0	2,082
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	38	0	0	0	0	0	0	38
Transportation Operating Fund	2,677	2,473	2,406	2,107	2,161	2,217	2,262	16,303
To Be Determined	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>3,827</b>	<b>3,443</b>	<b>2,406</b>	<b>2,107</b>	<b>2,161</b>	<b>2,217</b>	<b>2,262</b>	<b>18,423</b>

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### 2011 - 2016 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>	Q4/2010
<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 has installed approximately 2,100 pay stations citywide through 2008. In 2010, funding is available to install approximately 87 pay stations citywide to convert 800 single-space meter controlled spaces to pay station control and install approximately 69 new pay stations in the First Hill and Capital Hill neighborhoods. In future years, funding will be identified as parking plans are developed. The project provides more effective parking management.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
2008 Multipurpose LTGO Bond Fund	1,974	201	0	0	0	0	0	0	2,175
2007 Multipurpose LTGO Bond	3,400	0	0	0	0	0	0	0	3,400
2005 LTGO Bond	10,313	0	0	0	0	0	0	0	10,313
2010 Multipurpose LTGO Bond Fund	0	2,026	0	0	0	0	0	0	2,026
<b>Total:</b>	15,687	2,227	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	1,974	201	0	0	0	0	0	0	2,175
2010 Multipurpose LTGO Bond Fund	0	2,026	0	0	0	0	0	0	2,026
<b>Total*:</b>	15,687	2,227	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>									
2008 Multipurpose LTGO Bond Fund		201	0	0	0	0	0	0	201
2010 Multipurpose LTGO Bond Fund		2,026	0	0	0	0	0	0	2,026
<b>Total:</b>		2,227	0	0	0	0	0	0	2,227

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### 2011 - 2016 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 five schools per year. A separate O&M budget funds safe biking and walking education and outreach campaigns at the schools where improvements are made.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Lid Lift	0	0	1,006	1,026	1,047	1,067	1,088	1,110	6,344
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	1,006	1,026	1,047	1,067	1,088	1,110	6,344
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	1,006	1,026	1,047	1,067	1,088	1,110	6,344
<b>Total*:</b>	0	0	1,006	1,026	1,047	1,067	1,088	1,110	6,344

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### 2011 - 2016 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 project includes, as sub-projects, the funding and scope from the following former projects: ADA Spot Improvements, Pedestrian Lighting - Capital Costs, Sidewalk Development Program, and Stairway Rehabilitation Program. In 2011, funding for Crosswalk Improvements was moved from the Operations and Maintenance program to the capital program. This program supports Walk Bike Ride by implementing the Pedestrian Master Plan.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	0	0	0	1,325	1,325	1,325	1,325	1,325	6,625
Transportation Funding Package - Parking Tax	0	1,637	132	1,162	1,191	1,223	1,259	1,227	7,831
General Subfund Revenues	0	150	712	561	0	0	0	0	1,423
State Gas Taxes - Arterial City Street Fund	0	528	874	1,141	1,186	1,231	1,274	1,297	7,531
Transportation Funding Package - Business Transportation Tax	0	456	0	0	0	0	0	0	456
Transportation Funding Package - Lid Lift	0	1,142	2,959	1,902	1,889	1,874	2,511	2,572	14,849
Federal Grant Funds	0	245	0	0	0	0	0	0	245
Real Estate Excise Tax II	0	935	225	0	0	0	0	0	1,160
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	5,093	4,902	6,091	5,591	5,653	6,369	6,421	40,120
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	935	225	0	0	0	0	0	1,160
Transportation Operating Fund	0	4,158	4,677	6,091	5,591	5,653	6,369	6,421	38,960
<b>Total*:</b>	0	5,093	4,902	6,091	5,591	5,653	6,369	6,421	40,120

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### 2011 - 2016 Adopted Capital Improvement Program



## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	935	225	0	0	0	0	0	1,160
Transportation Operating Fund	4,158	4,677	6,091	5,591	5,653	6,369	6,421	38,960
To Be Determined	0	0	0	0	0	0	0	0
<b>Total:</b>	5,093	4,902	6,091	5,591	5,653	6,369	6,421	40,120

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### 2011 - 2016 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>	Q4/2011
<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. There are minor close-out costs in 2011.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Street Vacations	115	1,725	0	0	0	0	0	0	1,840
<b>Total:</b>	115	1,725	0	0	0	0	0	0	1,840
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	115	1,725	0	0	0	0	0	0	1,840
<b>Total*:</b>	115	1,725	0	0	0	0	0	0	1,840
<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		1,715	10	0	0	0	0	0	1,725
<b>Total:</b>		1,715	10	0	0	0	0	0	1,725

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Transportation Bond Funds	130	0	0	0	0	0	0	0	130
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
Real Estate Excise Tax II	1,756	241	212	212	212	212	212	212	3,269
Real Estate Excise Tax I	286	0	0	0	0	0	0	0	286
<b>Total:</b>	3,347	241	212	212	212	212	212	212	4,860
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,756	241	212	212	212	212	212	212	3,269
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>	3,347	241	212	212	212	212	212	212	4,860
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle Department of Transportation

## S Henderson 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>	Q2/2003
<b>Project ID:</b>	TC366300	<b>End Date:</b>	Q4/2011
<b>Location:</b>	S Henderson St.		
<b>Neighborhood Plan:</b>	Rainier Beach	<b>Neighborhood Plan Matrix:</b>	C-1.2.1
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Rainier Beach

This project funds improvements including widening the existing sidewalk, repairing pavement base, repairing existing bus layover areas, minor improvements to the existing drainage system, curb bulbs, pedestrian lighting, planting strips, and street trees. This project improves access and mobility for pedestrians, transit, bicyclists, freight, and vehicles and improves pedestrian safety. There are minor landscape establishment costs in 2010-11.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	26	0	0	0	0	0	0	0	26
State Gas Taxes - Arterial City Street Fund	10	16	10	0	0	0	0	0	36
Sound Transit Funds	1,465	0	0	0	0	0	0	0	1,465
City Light Fund Revenues	76	0	0	0	0	0	0	0	76
Federal Grant Funds	485	0	0	0	0	0	0	0	485
<b>Total:</b>	<b>2,062</b>	<b>16</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,088</b>
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	2,062	16	10	0	0	0	0	0	2,088
<b>Total*:</b>	<b>2,062</b>	<b>16</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,088</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		14	10	0	0	0	0	0	24
<b>Total:</b>		<b>14</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>

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### 2011 - 2016 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 \$145 million.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
State Gas Taxes - City Street Fund	125	0	0	0	0	0	0	0	125
State Gas Taxes - Arterial City Street Fund	60	0	0	0	0	0	0	0	60
Federal Grant Funds	100	0	0	0	0	0	0	0	100
Vehicle Licensing Fees	35	0	0	0	0	0	0	0	35
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	2,533	0	0	0	0	0	0	0	2,533
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	320	0	0	0	0	0	0	0	320
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
<b>Total*:</b>	2,533	0	0	0	0	0	0	0	2,533
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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 significantly damaged by street trees or where there are serious safety concerns as evidenced by claims, service requests, and potential City liability. Asset management principles are used to identify repair needs and establish priorities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,849	368	0	0	0	0	0	0	2,217
State Gas Taxes - Arterial City Street Fund	0	0	9	18	29	39	52	0	147
Transportation Funding Package - Lid Lift	3,793	2,193	1,719	1,796	1,841	1,887	1,945	2,037	17,211
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
Vehicle Licensing Fees	70	0	0	0	0	0	0	0	70
Partnership Funds	0	0	20	0	0	0	0	0	20
Real Estate Excise Tax I	247	0	0	0	0	0	0	0	247
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	6,563	2,561	1,748	1,814	1,870	1,926	1,997	2,037	20,516
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,849	368	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	4,467	2,193	1,748	1,814	1,870	1,926	1,997	2,037	18,052
<b>Total*:</b>	6,563	2,561	1,748	1,814	1,870	1,926	1,997	2,037	20,516
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	368	0	0	0	0	0	0	368
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	2,193	1,748	1,814	1,870	1,926	1,997	2,037	13,585
To Be Determined	0	0	0	0	0	0	0	0
<b>Total:</b>	2,561	1,748	1,814	1,870	1,926	1,997	2,037	13,953

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### 2011 - 2016 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>	Q4/2016
<b>Location:</b>	TBD		
<b>Neighborhood Plan:</b>	University	<b>Neighborhood Plan Matrix:</b>	B1
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This project provides design review, permitting, and construction support services for the Sound Transit University Link project. The University link is the three mile extension of light rail transit from downtown to the University of Washington. The alignment is entirely underground and includes stations at Capitol Hill near Seattle Central Community College and at the University of Washington near Husky Stadium.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Sound Transit Funds	529	251	126	130	127	131	123	130	1,547
<b>Total:</b>	529	251	126	130	127	131	123	130	1,547
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	529	251	126	130	127	131	123	130	1,547
<b>Total*:</b>	529	251	126	130	127	131	123	130	1,547
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		251	126	130	127	131	123	130	1,018
<b>Total:</b>		251	126	130	127	131	123	130	1,018

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### 2011 - 2016 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 will be permanently closed June 30, 2010. Construction and opening of a new bridge by King County is expected to take 3-7 years.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	464	138	0	0	10	10	10	10	642
State Gas Taxes - City Street Fund	44	0	0	0	0	0	0	0	44
Vehicle Licensing Fees	0	0	188	0	0	0	0	0	188
Transportation Bond Funds	0	0	0	0	10,500	0	0	0	10,500
To be determined	0	0	0	3,155	1,643	55	40	0	4,893
<b>Total:</b>	508	138	188	3,155	12,153	65	50	10	16,267
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	508	138	188	0	10	10	10	10	874
Transportation Bond Fund	0	0	0	0	10,500	0	0	0	10,500
<b>Total*:</b>	508	138	188	0	10,510	10	10	10	11,374
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		83	243	0	10	10	10	10	366
Transportation Bond Fund		0	0	0	10,500	0	0	0	10,500
To Be Determined		0	0	3,155	1,643	55	40	0	4,893
<b>Total:</b>		83	243	3,155	12,153	65	50	10	15,759

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### 2011 - 2016 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."

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
2011 Multipurpose LTGO bond Fund	0	0	22,509	0	0	0	0	0	22,509
State Grant Funds	8,447	22,304	18,900	4,140	0	0	0	0	53,791
Port of Seattle Funds	0	1,975	0	1,425	0	0	0	0	3,400
Federal Grant Funds	24,260	423	3,117	4,000	0	0	0	0	31,800
City Light Fund Revenues	52	0	0	0	0	0	0	0	52
Private Funding/Donations	0	0	0	2,250	0	0	0	0	2,250
Public Works Trust Fund Proceeds	456	0	0	0	0	0	0	0	456
State Gas Taxes - Arterial City Street Fund	600	0	0	0	0	0	0	0	600
General Subfund Revenues	3,899	0	0	0	0	0	0	0	3,899
Drainage and Wastewater Rates	580	0	0	0	0	0	0	0	580
Federal ARRA Funds: FHWA Highway Infrastructure Investment	43	15,400	0	0	0	0	0	0	15,443
2010 Multipurpose LTGO Bond Fund	0	6,317	0	0	0	0	0	0	6,317
2009 Multipurpose LTGO Bond Fund	1,335	25,431	0	0	0	0	0	0	26,766
2008 Multipurpose LTGO Bond Fund	8,099	901	0	0	0	0	0	0	9,000
Real Estate Excise Tax II	1,464	0	0	0	0	0	0	0	1,464
<b>Total:</b>	<b>49,235</b>	<b>72,751</b>	<b>44,526</b>	<b>11,815</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>178,327</b>

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### 2011 - 2016 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	38,337	40,102	22,017	11,815	0	0	0	0	112,271
2008 Multipurpose LTGO Bond Fund	8,099	901	0	0	0	0	0	0	9,000
2009 Multipurpose LTGO Bond Fund	1,335	25,431	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	0	22,509	0	0	0	0	0	22,509
<b>Total*:</b>	<b>49,235</b>	<b>72,751</b>	<b>44,526</b>	<b>11,815</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>178,327</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>

### Spending Plan by Fund

Transportation Operating Fund	32,715	29,130	12,090	0	0	0	0	0	73,934
Transportation Bond Fund	0	12,509	0	0	0	0	0	0	12,509
2008 Multipurpose LTGO Bond Fund	901	0	0	0	0	0	0	0	901
2009 Multipurpose LTGO Bond Fund	22,075	2,801	495	33	16	10	0	0	25,431
2010 Multipurpose LTGO Bond Fund	227	142	5,942	6	0	0	0	0	6,317
<b>Total:</b>	<b>55,918</b>	<b>44,582</b>	<b>18,527</b>	<b>39</b>	<b>16</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>119,092</b>

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### 2011 - 2016 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/15 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. In the 2011 budget process, Council adopted a proviso on this project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	54	0	0	0	0	0	0	0	54
Street Vacations	54	0	0	0	0	0	0	0	54
Vehicle Licensing Fees	60	0	0	0	0	0	0	0	60
Partnership Funds	0	130	0	0	0	0	0	0	130
General Subfund Revenues	33	0	0	0	0	0	0	0	33
State Gas Taxes - Arterial City Street Fund	309	137	183	186	189	192	196	0	1,392
State Gas Taxes - City Street Fund	150	0	0	0	0	0	0	0	150
State Grant Funds	223	297	120	116	120	124	127	0	1,127
<b>Total:</b>	883	564	303	302	309	316	323	0	3,000
<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	775	564	303	302	309	316	323	0	2,892
<b>Total*:</b>	883	564	303	302	309	316	323	0	3,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		565	303	302	309	316	323	0	2,119
<b>Total:</b>		565	303	302	309	316	323	0	2,119

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

### 2011 - 2016 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 2011, funds are budgeted under the individual transportation projects in which the spending will occur. For 2012 through 2016, the funds displayed below have not yet been allocated to specific projects, but will be allocated once detailed project cost estimates are developed.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000
<b>Total:</b>	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000
<b>Total*:</b>	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

# 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>	Q2/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Private Funding/Donations	0	0	600	0	0	0	0	0	600
Street Vacations	0	700	300	0	0	0	0	0	1,000
<b>Total:</b>	0	700	900	0	0	0	0	0	1,600
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	0	700	300	0	0	0	0	0	1,000
Transportation Operating Fund	0	0	600	0	0	0	0	0	600
<b>Total*:</b>	0	700	900	0	0	0	0	0	1,600
<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.*

### 2011 - 2016 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>	Q4/2011
<b>Location:</b>	Elliott Ave W/W Thomas St		
<b>Neighborhood Plan:</b>	Queen Anne	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

This project consists of constructing a pedestrian/bicycle overpass across the Burlington Northern Railroad tracks and continuing across Elliott Ave along the W Thomas Street cul-de-sac to connect lower Queen Anne to Myrtle Edwards Park with either elevators and stairs or ramps. The overpass allows pedestrian and bicycle access to Myrtle Edwards Park, creating a vital central link from the park to the west side of the Uptown and Belltown neighborhoods.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1,221	848	0	0	0	0	0	0	2,069
Seattle Voter-Approved Levy	0	1,500	0	0	0	0	0	0	1,500
King County Funds	729	131	0	0	0	0	0	0	860
Private Funding/Donations	0	50	50	0	0	0	0	0	100
Federal Grant Funds	0	1,340	3,942	0	0	0	0	0	5,282
City Light Fund Revenues	0	0	50	0	0	0	0	0	50
Real Estate Excise Tax II	239	0	0	0	0	0	0	0	239
<b>Total:</b>	2,189	3,869	4,042	0	0	0	0	0	10,100

#### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	239	0	0	0	0	0	0	0	239
Transportation Operating Fund	729	1,521	4,042	0	0	0	0	0	6,292
2000 Parks Levy Fund	1,221	848	0	0	0	0	0	0	2,069
2008 Parks Levy Fund	0	1,500	0	0	0	0	0	0	1,500
<b>Total*:</b>	2,189	3,869	4,042	0	0	0	0	0	10,100

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

#### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Transportation Operating Fund	1,181	4,382	0	0	0	0	0	0	5,563
2000 Parks Levy Fund	848	0	0	0	0	0	0	0	848
To Be Determined	0	0	0	0	0	0	0	0	0
2008 Parks Levy Fund	1,371	129	0	0	0	0	0	0	1,500
<b>Total:</b>	3,400	4,511	0	0	0	0	0	0	7,911

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
State Grant Funds	0	1,252	1,950	1,750	0	0	0	0	4,952
Federal Grant Funds	0	758	229	0	0	0	0	0	987
King County Funds	0	420	1,900	200	0	0	0	0	2,520
City Light Fund Revenues	0	0	95	0	0	0	0	0	95
Transportation Funding Package - Lid Lift	5,030	4,245	2,511	2,431	2,816	2,722	2,790	0	22,545
To be determined	0	0	0	0	1,312	428	460	0	2,200
<b>Total:</b>	5,030	6,675	6,685	4,381	4,128	3,150	3,250	0	33,299
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	5,030	6,675	6,685	4,381	2,816	2,722	2,790	0	31,099
<b>Total*:</b>	5,030	6,675	6,685	4,381	2,816	2,722	2,790	0	31,099
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		6,676	6,685	4,381	2,816	2,722	2,790	0	26,070
To Be Determined		0	0	0	1,312	428	460	0	2,200
<b>Total:</b>		6,676	6,685	4,381	4,128	3,150	3,250	0	28,270

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

### 2011 - 2016 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>	Q4/2011
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	2,000	0	0	0	0	0	0	2,000
<b>Total:</b>	0	2,000	0	0	0	0	0	0	2,000

<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	2,000	0	0	0	0	0	0	2,000
<b>Total*:</b>	0	2,000	0	0	0	0	0	0	2,000

<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		5	300	1,695	0	0	0	0	2,000
<b>Total:</b>		5	300	1,695	0	0	0	0	2,000

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

### 2011 - 2016 Adopted Capital Improvement Program



## Overview of Facilities and Programs

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, including 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 distribution system with 14 major substations and more than 2,500 miles of overhead and underground cable;
- ◆ A generation system comprising seven hydroelectric plants on the Skagit, Cedar, Tolt, and Pend Oreille Rivers with a combined capacity of almost 2,000 megawatts;
- ◆ 650 miles of high-voltage transmission lines linking these plants to Seattle;
- ◆ 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 and mitigation activities. 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.

The amounts shown in this document are expressed as total project costs and include both the direct costs and the associated overhead costs of the project. Overhead costs include a share of department support costs (such as finance, administration and human resources functions), employee benefits, and interest incurred during construction. Combining the direct costs and associated overhead costs provides an estimate of the total project cost to be capitalized. City Light applies overhead costs to capital project expenditures only as they are incurred. A detailed list of all projects in City Light's CIP follows this overview.

In an effort to improve the clarity of the 2011-2016 Adopted CIP, this overview provides more summary information than in previous years and explains how the CIP project allocations relate to the corresponding Budget Control Levels in the 2011 Adopted Budget.

## Highlights

Projects in City Light's 2011-2016 Adopted CIP can be summarized into several categories, as shown in the table on the following page.

# Seattle City Light

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

	2011	2012	2013	2014	2015	2016	Total
<b>Power Resource</b>	54,186	39,710	103,236	32,195	28,734	10,944	<b>269,005</b>
<b>Transmission</b>	2,734	2,470	2,537	2,592	2,654	2,709	<b>15,696</b>
<b>Distribution</b>	76,395	86,092	89,735	104,073	106,703	99,006	<b>562,004</b>
<b>Customer Service</b>	105,152	115,545	77,720	67,814	63,921	75,764	<b>505,916</b>
<i>City Light utility projects</i>	45,261	45,637	46,022	46,833	47,940	42,419	274,112
<i>Local jurisdiction undergrounding</i>	9,671	735	5,478	6,291	3,177	0	25,352
<i>Transportation related projects</i>	47,294	68,445	25,617	14,262	12,164	32,690	200,472
<i>Other non-City Light driven projects</i>	2,926	728	603	428	640	655	5,980
<b>Information Technology</b>	16,929	18,144	28,493	10,745	10,183	3,768	<b>88,262</b>
<b>Facilities and Security</b>	16,375	17,238	23,187	21,974	18,019	17,696	<b>114,489</b>
<b>Totals:</b>	<b>271,771</b>	<b>279,199</b>	<b>324,908</b>	<b>239,393</b>	<b>230,214</b>	<b>209,887</b>	<b>1,555,372</b>

A more detailed description and summary of each category follows. *Projects are highlighted if their 2011 allocations are more than \$5 million or have changed by more than \$1 million relative to the 2011 planned allocation in the 2010-2015 Adopted CIP. New projects in the 2011-2016 Adopted CIP are also highlighted.*

**Power Resource:** Projects in this category include improvements to City Light’s dams, generators, powerhouses, and other power generation related projects. Projects to comply with federal licensing and environmental mitigation requirements at City Light’s dams are also included in this category. For 2011, the CIP includes \$54.2 million in funding for 47 projects. Highlights include:

- ◆ Significant 2011 total allocations of \$14.2 million for the Boundary Powerhouse – Unit 65 Generator Rebuild (6354) and \$7 million for Boundary Powerhouse – Unit 55 Turbine Runner Replacement (6491).
- ◆ Increases in 2011 allocations over the 2010-2015 Adopted CIP of an additional \$3.6 million for the Skagit Facility – Minor Improvements Program (6405), an additional \$1.7 million for the Boundary Switchyard – Generator Step-up Transformers (6493), an additional \$1.6 million for Ross Rock Slide Area Improvements (6516) and an additional \$1.3 million for Gorge Facility – Second Tunnel Installation (6302).
- ◆ Decreases in 2011 allocations over the 2010-2015 Adopted CIP that include a decrement of \$1.1 million for Boundary Dam – Trashrack & Trashrake Improvements (6338), a decrement of \$2.4 million for Boundary Facility – Improve Radio Systems (6412), a decrement of \$3.1 million for Cedar Falls Powerhouse – Penstock Stabilization (5358), a decrement of \$1.2 million for the Diablo Powerhouse – 240 KV Bus Tap for Station Service (6413), and a decrement of \$1.5 million for Skagit Facility – Diablo Road Repaving – Stettatle Creek (6473).
- ◆ Four new projects that are not scheduled to begin until 2013. These new projects include Cedar Falls Dam – Intake Gate Replacement (6171), Cedar Falls Powerhouse – DC Station Service Upgrade (6331), Diablo Water System Improvements (6304), and Tolt Powerhouse – Power Monitoring Equipment Upgrades (6323).

**Transmission:** Projects in this category include transmission capacity and reliability projects to deliver power from City Light’s dams and the regional power grid to City Light’s distribution system. For 2011, the CIP includes \$2.7 million in funding for three projects. Highlights include:

- ◆ Increases in 2011 allocations over the 2010-2015 Adopted CIP of an additional \$1.3 million for Transmission Reliability (7104).

## 2011-2016 Adopted Capital Improvement Program

**Distribution:** Projects in this category include improvements to City Light's distribution substations, relays, feeders, network distribution system, overhead and underground radial distribution systems, and other projects related to the distribution system. For 2011, the CIP includes \$76.4 million in funding for 33 projects. Highlights include:

- ◆ Significant 2011 total allocations of \$7.7 million for the Massachusetts Street Substation – Networks (8202), \$6 million for the Neighborhood Cable Injection Program (8440), \$5.8 million for the Wood Pole Replacement Program (8371), \$5.4 million for Network Maintenance Hold and Vault Rebuild (8130), and \$5.1 million for Underground Equipment Replacements (8353)
- ◆ Increases in 2011 allocations over the 2010-2015 Adopted CIP of an additional \$5.7 million for the Massachusetts Street Substation – Networks (8202), an additional \$5.9 million for the Neighborhood Cable Injection Program (8440), an additional \$3.2 million for Network Maintenance Hold and Vault Rebuild (8130), an additional \$2.5 million for Underground Equipment Replacements (8353), an additional \$1.3 million for Substation Equipment Improvements (7752), an additional \$1.2 million for the Broad Street Substation – Network (8203), and an additional \$1.2 million for Lake Forest Park – Feeder Rehabilitation (8384).
- ◆ Decreases in 2011 allocations over the 2010-2015 Adopted CIP that include a decrement of \$1.2 million for North Substation Transformer Replacements (7777), a decrement of \$1 million for Substation Capacity Additions (7751), and a decrement of \$1.3 million for Power Stations Oil Containment (7782).
- ◆ Funding in 2011 for one new project: \$1.4 million for Pole Attachment Requests Preparation Work (8452).
- ◆ Two new projects that are not scheduled to begin until 2015 or later. These new projects include East Pine Substation – Transformer Replacements (7811) and Massachusetts Street Substation – Transformer Replacements (7810).

**Customer Service – City Light utility projects:** Projects in this category establish new customer connections and meters, respond to windstorms and customer outages, and maintain the streetlight system. For 2011, the CIP includes \$45 million for 14 projects. Highlights include:

- ◆ Significant 2011 total allocations of \$8.9 million for Medium Overhead and Underground Services (8366), \$6.7 million for Small Overhead and Underground Services (8367), and \$5.6 million for the Streetlight LED Conversion Program (8441).
- ◆ Increases in 2011 allocations over the 2010-2015 Adopted CIP of an additional \$2.9 million for Medium Overhead and Underground Services (8366) and \$1.2 million for Meter Additions (8054).
- ◆ Decreases in 2011 allocations over the 2010-2015 Adopted CIP that include a decrement of \$1.3 million for Network Additions and Services: First Hill, Massachusetts, Union & University (8364).

**Customer Service – Local jurisdiction undergrounding:** Projects in this category respond to requests from local jurisdictions to relocate distribution services from overhead to underground systems. Projects are governed by franchise agreements between City Light and the local jurisdictions. For 2011, the CIP includes \$9.7 million for five projects. Highlights include:

- ◆ Significant 2011 total allocation of \$5 million for Shoreline Undergrounding: North City and Aurora Avenue North (8320).
- ◆ Increases in 2011 allocations over the 2010-2015 Adopted CIP of an additional \$3.7 million for Burien Undergrounding – Phase 2 (8401).

- ◆ Decreases in 2011 allocations over the 2010-2015 Adopted CIP that include a decrement of \$1.9 million for Shoreline Undergrounding: North City and Aurora Avenue North (8320) and a decrement of \$2.5 million for the Citywide Undergrounding Initiative – City Light (8403).
- ◆ Two new projects that are not scheduled to begin until 2013. These new projects include SeaTac Future Undergrounding (8454) and Shoreline Future Undergrounding (8453).

**Customer Service – Transportation related projects:** Projects in this category provide for transmission and distribution relocations required by the construction of major transportation projects, and for construction support services for transportation projects. For 2011, the CIP includes \$47.3 million for eight projects. Highlights include:

- ◆ Significant 2011 total allocation of \$37.6 million for Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307).
- ◆ Increases in 2011 allocations over the 2010-2015 Adopted CIP of an additional \$30 million for Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307), an additional \$1.6 million for Transportation Driven Relocations (8369), and an additional \$1.5 million for Sound Transit Light Rail – City Light (8204).
- ◆ Funding in 2011 for one new project: \$96,000 for Sound Transit Light Rail East Link – City Light (8450).
- ◆ One new project that is not scheduled to begin until 2016: State Route 99 Capacity Additions and Relocations (8434).

**Customer Service – Other non-City Light driven projects:** Projects in this category respond to the needs of customers, other utilities, outside agencies, or other requirements and do not fit with the other Customer Service categories. For 2011, the CIP includes \$2.9 million for five projects. Highlights include:

- ◆ Increases in 2011 allocations over the 2010-2015 Adopted CIP of an additional \$1.3 million for the Cedar Falls – Chester Morse Lake Pump Station Line Extension (8420).
- ◆ Decreases in 2011 allocations over the 2010-2015 Adopted CIP that include a decrement of \$2.2 million for Creston-Nelson to Intergate East Feeder Installation (8430).

**Information Technology:** Projects in this category provide for hardware, software, and information systems critical to the utility's operation. For 2011, the CIP includes \$16.9 million for 10 projects. Highlights include:

- ◆ Significant 2011 total allocations of \$6.5 million for the Work and Asset Management System (9941).
- ◆ Funding in 2011 for five new projects, including \$2 million for PC, Windows, Software Upgrades (9915), \$1 million for Automated Utility Design Implementation (9950), \$1 million for Transformer and Network Load Management Tools Upgrade (9952), \$607,000 for Meter Reading Software Replacement (9953), and \$551,000 for CCSS System Improvements (9954).
- ◆ Four new projects that are not scheduled to begin until 2013. These new projects include the Customer Information System (9937), the Unified Geographic Information System (9957), the Energy Management System (9956), and the Integrated Budget System (9955).

**Facilities and Security:** Projects in this category provide for the portions of City Light's physical plant that are not power generating facilities. This includes buildings and facility improvements, equipment

shops, vehicles, and security and safety improvements. For 2011, the CIP includes \$16.4 million for 16 projects. Highlights include:

- ◆ Significant 2011 total allocations of \$7 million for Vehicle Replacement (9101)
- ◆ Decreases in 2011 allocations over the 2010-2015 Adopted CIP that include a decrement of \$2.5 million for Vehicle Replacement (9101), a decrement of \$3.4 million for Distribution Area Communications Networks (9307), a decrement of \$1.2 million for Transmission & Generation Radio Systems (9108), a decrement of \$1.6 million for Communications Improvements (9009), and a decrement of \$2 million for Workplace and Process Improvements (9159).
- ◆ Funding in 2011 for two new projects, including \$550,000 for North Service Center Expansion (9220) and \$504,000 for the Emergency Command and Control Center (9225).

### Project Selection Process

In making capital investments in its infrastructure, City Light tries to balance four goals:

- ◆ Rehabilitation of existing facilities to avoid the higher costs of deferred maintenance;
- ◆ Improvement of existing facilities to meet growing demand,
- ◆ Development of new facilities to provide additional services, and
- ◆ Productive use of technology in new investments.

The following summarizes the selection process City Light uses to develop its CIP:

**Project Identification:** City Light staff members identify potential projects using several criteria, including but not limited to economic, environmental impact, reliability, customer service, regulations, and safety. Existing strategic plans are a primary source of capital projects. Staff members working in the field also provide input based on their understanding of customer demands. A master list of projects is developed, documented and justified in the capital budgeting system. Also entered into the system are descriptions, goals, rationale of, and alternatives to the proposed project. Primary, secondary, and tertiary reasons for performing the project are then identified. Staff members proposing projects answer a set of standardized questions pertaining to the primary criterion. When all of this information is collected, the capital budgeting system calculates an overall project score.

City Light develops additional information external to the capital budgeting system to evaluate projects with policy or programmatic implications or those with substantial lifetime allocations.

**Project Selection:** As part of the new Asset Management Program, a cross-functional team comprising representatives of all City Light business unit's reviews project documentation and status. All Department-wide projects receive rankings according to their scores.

To refine the list of projects meeting the criteria listed above, City Light management and staff, with the help of the City Budget Office, evaluate projects further using the results of studies, load forecasts, and rate forecasting estimates. Following this review, City Light refines the list of potential projects to those that can be accomplished with available resources.

**Project Scheduling and Budgeting:** After the project list is refined, City Light staff enters detailed information about the selected projects into the capital project scheduling system. The scheduling system

tracks and refines labor hours and non-labor costs, and allows staff to crosscheck projects against Mayor and Council priorities.

### CIP Programs

In previous years, City Light grouped projects into three CIP Programs organized along City Light's lines of business. While these CIP Programs result in a different grouping of projects than those described in the Highlights section, they provide the link to the capital appropriations in the 2011 Adopted Budget. Each of these CIP Programs has a corresponding Budget Control Level in the 2011 Adopted Budget for the direct costs of the projects. The three CIP Programs are:

**Power Supply and Environmental Affairs – CIP:** Projects in this line of business improve and enhance the hydroelectric generating facilities, mitigate the environmental effects of City Light's hydroelectric projects, and provide for the utility's building improvements and new vehicles purchases. This CIP Program includes the majority of projects in the *Power Resource* and *Facilities and Security* categories listed in the Highlights, as well as projects in the *Information Technology* category that relate to power supply. This CIP program has \$65.5 million in 2011 funding for 59 projects.

**Customer Services & Energy Delivery – CIP:** Projects in this line of business support the delivery of electric utility service. Projects include the design, construction, and rehabilitation of the distribution system. This CIP Program includes the majority of projects in the *Transmission, Distribution,* and *Customer Service* categories listed in the Highlights, as well as projects in the *Information Technology* category that relate to customer service and energy delivery. This CIP program has \$200 million in 2011 funding for 78 projects.

**Financial Services – CIP:** Projects in this line of business support the financial management of the utility, provide for general IT hardware and software maintenance, and include projects that cross the utility's lines of business. This CIP Program includes projects in the *Information Technology* category listed in the Highlights that are not part of the other CIP Programs. This CIP program has \$6.2 million in 2011 funding for three projects.

Because City Light's budget appropriates overhead costs in separate operating Budget Control Levels, the CIP Program totals are generally higher than the corresponding CIP Budget Control Levels in the 2011 Adopted Budget. A table explaining how the CIP Program totals align with CIP Budget Control Levels in the 2011 Adopted Budget is shown on the following page.



# Seattle City Light

## CIP Programs – Project Totals for 2011

	Power Supply & Environmental Affairs - CIP	Customer Services & Energy Delivery - CIP	Financial Services - CIP	2011 Adopted Budget Control Level Appropriations
<b>Budget Control Levels</b>				
Power Supply & Environmental Affairs – CIP (SCL250)	56,150,283	1,695,224	0	57,845,507
Customer Services & Energy Delivery – CIP (SCL350)	328,061	132,967,402	0	133,295,463*
Financial Services – CIP (SCL550)	4,852	903,904	5,553,099	6,461,855
Office of Superintendent (SCL100)	1,216	18,911	0	20,127
<b>Total Direct Costs</b>	<b>56,484,412</b>	<b>135,585,441</b>	<b>5,553,099</b>	<b>197,622,952</b>

### Capital Improvement Program Allocations (in \$1,000s)

Total Direct Costs	56,484	135,585	5,553	197,623
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### Loadings and Overhead Estimates

Interest During Construction	2,415	2,635	90	5,140
Paid Time Off	884	6,531	92	7,507
Fringe Benefits	1,780	13,149	186	15,115
Material	36	9,220	0	9,256
Transportation	215	5,144	0	5,359
Shop	77	157	0	234
Administrative & General	3,601	27,652	285	31,538

<b>CIP Project Allocations (in \$1,000s)</b>	<b>65,492</b>	<b>200,073</b>	<b>6,206</b>	<b>271,771</b>
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\* – Note, in approving the 2011 Adopted Budget, City Council reduced the Customer Service and Energy Delivery BCL by \$155,948 to \$133,139,515. City Light will adjust spending on the 2011 CIP program to reflect this reduced appropriation.

## 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

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Customer Services &amp; Energy Delivery - CIP</b>					<b>BCL/Program Code:</b>				<b>SCL350</b>
Alaskan Way Viaduct and Seawall Replacement - Utility Relocs (8307)	5,056	8,194	37,627	56,115	14,021	10,752	6,474	12,578	150,817
Automated Utility Design Implementation (9950)	0	0	1,068	40	0	0	0	0	1,108
Bothell Substation - New Sewer System (7781)	0	0	199	256	290	40	0	0	785
Bothell Substation - Water Tower Removal (7782)	19	739	155	0	0	0	0	0	913
Broad Street Substation - Network (8203)	48,621	3,999	2,305	2,208	1,040	1,063	1,389	1,424	62,049
Burien Undergrounding - Phase 2 (8401)	107	2,318	3,677	0	0	0	0	0	6,102
Canal Substation - Transformer Replacements (7778)	0	0	0	0	2,900	3,880	907	0	7,687
Cedar Falls - Chester Morse Lake Pump Station Line Extension (8420)	103	1,260	1,316	0	0	0	0	0	2,679
Citywide Undergrounding Initiative - City Light (8403)	0	3,069	444	405	2,303	3,046	3,177	0	12,444
Communications Improvements (9009)	8,963	881	850	619	1,138	902	921	573	14,847
Creston-Nelson to Intergate East Feeder Installation (8430)	0	4,150	928	140	0	0	0	0	5,218
Cruise Ship Service Connections (8433)	0	0	0	0	0	8,940	9,239	9,464	27,643
Customer Information System (9937)	0	0	0	0	13,374	360	508	0	14,242
Dallas Ave. 26 kV Crossing (8322)	402	102	1,282	0	0	0	0	0	1,786
Distribution Area Communications Networks (9307)	9,710	1,686	1,760	2,177	1,220	462	473	458	17,946
Distribution Automation (8425)	0	0	0	535	3,241	3,296	3,373	35	10,480
East Pine Substation - Transformer Replacements (7811)	0	0	0	0	0	0	0	3,106	3,106
First Hill - Network (8301)	6,682	1,228	1,034	1,026	321	328	1,097	1,124	12,840
First Hill Connector Streetcar (8442)	0	117	2,135	134	0	0	0	0	2,386
Hydroelectric System Remote Control Replacements (8428)	160	978	320	0	0	0	0	0	1,458

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Lake Forest Park - Feeder Rehabilitation (8384)	1,775	1,200	1,243	1,260	0	0	0	0	5,478
Large Overhead and Underground Services (8365)	3,475	3,886	3,080	4,148	4,278	3,892	3,984	4,081	30,824
Laurelhurst - Underground Rebuild (8373)	353	3,255	1,627	1,673	97	0	0	0	7,005
Lifecycle Asset Management Program (9940)	401	633	202	0	0	0	0	0	1,236
Major Emergency (8380)	951	836	968	555	153	157	160	164	3,944
Massachusetts Street Substation - Networks (8202)	10,076	4,306	7,693	5,433	4,290	4,384	4,488	4,597	45,267
Massachusetts Street Substation - Transformer Replacements (7810)	0	0	0	0	0	0	3,034	4,066	7,100
Medium Overhead and Underground Services (8366)	28,327	5,895	8,904	9,165	7,019	6,274	6,422	6,579	78,585
Mercer Corridor Relocations (8376)	536	13,275	1,436	1,564	611	0	0	0	17,422
Mercer Corridor West Phase Relocations (8443)	0	905	1,749	7,613	5,583	115	0	0	15,965
Meter Additions (8054)	59,026	3,102	4,755	4,639	8,317	8,347	8,547	8,754	105,487
Meter Reading Software Replacement (9953)	0	0	607	600	0	0	0	0	1,207
Mobile Workforce Implementation (8429)	0	0	0	1,179	1,279	1,360	0	0	3,818
Neighborhood Cable Injection Program (8440)	0	5,461	6,036	6,026	5,435	5,554	5,685	5,823	40,020
Neighborhood Voluntary Undergrounding Program (8383)	258	497	135	138	293	476	487	498	2,782
Network Additions and Services: Broad Street Substation (8363)	16,675	7,541	3,667	3,843	4,799	4,905	5,020	5,143	51,593
Network Additions and Svcs: First Hill, Mass, Union & Univer (8364)	20,629	5,604	4,306	3,743	3,733	3,815	3,905	4,000	49,735
Network Geographic Information Systems (9943)	75	73	772	819	98	0	0	0	1,837
Network Hazeltine Upgrade (8129)	3,764	705	473	634	647	661	680	0	7,564
Network Maintenance Hole and Vault Rebuild (8130)	40,692	4,980	5,452	4,354	3,231	3,302	3,380	3,463	68,854
Normal Emergency (8379)	1,817	531	563	577	383	391	401	410	5,073
North Downtown Substation Development (7757)	38,912	18,044	0	328	0	0	0	0	57,284

\*Amounts in thousands of dollars

## 2011 - 2016 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
North Substation Transformer Replacements (7777)	81	2,778	2,779	3,657	847	50	0	0	10,192
Outage Management System Configuration and Implementation (9942)	4,272	4,867	518	0	0	0	0	0	9,657
Overhead 26kV Conversion (8358)	2,654	3,806	2,230	2,210	2,213	4,224	4,324	4,429	26,090
Overhead Customer Driven Capacity Additions (8355)	13,894	3,985	3,505	3,555	2,688	2,139	2,189	2,243	34,198
Overhead Equipment Replacements (8351)	12,407	4,895	1,150	1,099	971	5,464	5,593	5,729	37,308
Overhead Outage Replacements (8350)	2,394	343	372	250	213	205	210	179	4,166
Overhead System Capacity Additions (8356)	10,661	2,470	2,241	3,421	3,503	2,608	2,670	2,735	30,309
Pole Attachment Requests Preparation Work (8452)	0	0	1,357	1,484	1,747	2,077	2,526	3,097	12,288
Power Stations Demand Driven Improvements (7755)	5,530	8	6	6	6	6	6	7	5,575
Power Stations Oil Containment (7783)	0	299	136	264	1,323	1,013	994	485	4,514
Relaying Improvements (7753)	8,140	2,917	3,272	3,480	3,443	3,883	4,314	3,838	33,287
Replace Breakers BPA Covington and Maple Valley Substations (7121)	546	10	324	26	28	29	30	32	1,025
SeaTac Future Undergrounding (8454)	0	0	0	0	1,058	1,082	0	0	2,140
SeaTac Undergrounding (8444)	1	1,631	489	0	0	0	0	0	2,121
Security Improvements (9202)	12,216	3,182	809	921	2,080	2,060	2,108	2,160	25,536
Shoreline Future Undergrounding (8453)	0	0	0	0	2,117	2,163	0	0	4,280
Shoreline Substation - Transformer Replacements (7776)	34	0	0	0	2,902	3,797	3,939	927	11,599
Shoreline Undergrounding: Midvale Ave. (8374)	10	695	11	0	0	0	0	0	716
Shoreline Undergrounding: North City and Aurora Avenue North (8320)	13,141	8,704	5,050	330	0	0	0	0	27,225
Small Overhead and Underground Services (8367)	23,260	6,160	6,715	6,183	5,885	6,544	6,698	6,861	68,306
Sound Transit Light Rail - City Light (8204)	46,947	783	1,800	51	11	242	0	0	49,834

\*Amounts in thousands of dollars

## 2011 - 2016 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Sound Transit Light Rail East Link - City Light (8450)	0	0	96	66	265	270	0	0	697
Sound Transit Northlink - City Light (8427)	0	19	224	263	428	437	3,186	2,805	7,362
Special Work Equipment - Other Plant (9102)	20,897	1,298	898	925	848	874	895	917	27,552
State Route 520 Bridge Replacement (8435)	0	0	0	0	1	1	1	0	3
State Route 99 Capacity Additions and Relocations (8434)	0	0	0	0	0	0	0	12,273	12,273
Streetlight LED Conversion Program (8441)	0	2,007	5,642	6,541	6,208	6,351	6,499	6	33,254
Streetlights: Arterial, Residential and Floodlights (8378)	6,832	2,780	3,469	3,455	3,066	3,134	3,207	3,286	29,229
Substation Automation (8424)	0	0	577	2,117	4,322	4,372	4,520	46	15,954
Substation Breaker Replacements and Reliability Additions (7779)	7,560	3,863	4,886	3,755	4,784	3,810	3,921	3,828	36,407
Substation Capacity Additions (7751)	4,882	1,255	1,205	1,559	1,844	1,823	1,617	1,608	15,793
Substation Equipment Improvements (7752)	31,708	4,044	4,354	3,889	5,579	4,631	4,724	4,845	63,774
Substation Plant Improvements (7750)	6,216	1,221	1,199	1,243	1,251	728	745	750	13,353
Transformer and Network Load Management Tools Upgrade (9952)	0	0	1,020	0	0	0	0	0	1,020
Transmission & Generation Radio Systems (9108)	9,256	719	873	496	1,018	437	447	458	13,704
Transmission Capacity (7011)	11,440	34	22	22	23	23	24	13	11,601
Transmission Inter-Agency (7105)	968	489	555	568	583	401	610	624	4,798
Transmission Reliability (7104)	7,531	3,314	2,388	2,422	2,486	2,540	2,600	2,664	25,945
Transportation Driven Relocations (8369)	7,386	2,113	2,227	2,639	4,697	2,445	2,503	5,034	29,044
Transportation Streetlights (8377)	2,914	1,751	1,407	1,434	1,454	1,495	1,533	1,570	13,558
Underground 26kV Conversion (8362)	3,370	701	881	2,137	2,192	753	758	0	10,792
Underground Customer Driven Capacity Additions (8360)	9,885	3,847	2,705	4,679	4,413	2,670	2,733	2,800	33,732

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Underground Equipment Replacements (8353)	444	2,797	5,107	4,479	2,295	2,679	2,742	2,809	23,352
Underground Outage Replacements (8352)	7,809	866	1,278	966	221	847	867	888	13,742
Underground System Capacity Additions (8361)	8,962	7,075	2,809	2,806	2,814	6,318	6,467	6,624	43,875
Unified Geographic Information System (9957)	0	0	0	0	2,123	0	0	0	2,123
Union Street Substation Networks (8201)	18,584	1,377	1,683	1,723	2,297	2,348	2,403	2,462	32,877
University to North & Canal Load Transfer (8375)	322	838	702	0	0	0	0	0	1,862
Wood Pole Replacement Program (8371)	3,250	9,803	5,798	13,623	15,536	15,878	16,252	16,649	96,789
Work and Asset Management System (9941)	5,538	15,481	6,536	8,572	935	0	0	0	37,062
<b>Customer Services &amp; Energy Delivery - CIP</b>	<b>639,507</b>	<b>224,675</b>	<b>200,073</b>	<b>219,262</b>	<b>192,812</b>	<b>179,553</b>	<b>178,606</b>	<b>182,021</b>	<b>2,016,509</b>
<b>Financial Services - CIP</b>						<b>BCL/Program Code:</b>			<b>SCL550</b>
CCSS System Improvements (9954)	0	0	551	0	0	0	0	0	551
Energy Management System (9956)	0	0	0	0	8,622	6,610	5,542	0	20,774
Enterprise Performance Management (9933)	1,800	1,752	0	0	0	0	0	0	3,552
Information Technology Infrastructure (9915)	35,007	4,393	3,582	3,334	3,137	3,270	3,415	3,568	59,706
Integrated Budget System (9955)	0	0	0	0	204	505	718	200	1,627
PC, Windows, Software Upgrades (9951)	0	0	2,073	4,779	0	0	0	0	6,852
<b>Financial Services - CIP</b>	<b>36,807</b>	<b>6,145</b>	<b>6,206</b>	<b>8,113</b>	<b>11,963</b>	<b>10,385</b>	<b>9,675</b>	<b>3,768</b>	<b>93,062</b>
<b>Power Supply and Environmental Affairs - CIP</b>						<b>BCL/Program Code:</b>			<b>SCL250</b>
Boundary - Licensing Mitigation (6987)	0	0	520	529	1,080	4,940	1,286	3,107	11,462
Boundary - Service Area Paving (6482)	0	0	0	0	1,081	0	0	0	1,081
Boundary - Sluice Maintenance Gate Structure (6511)	0	0	302	0	0	0	0	0	302
Boundary - Transfer Blocks 151-156 Rock Damage Mitigation (6485)	21	380	3,743	3,127	24	0	0	0	7,295

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Boundary Dam - Access Road & Forebay Rec Area Paving (6454)	0	0	0	0	69	208	0	0	277
Boundary Dam - Emergency Lighting Improvements (6342)	856	181	132	51	0	0	0	0	1,220
Boundary Dam - Forebay Recreation Area Improvements (6345)	0	0	0	0	58	723	0	0	781
Boundary Dam - Headgate Hoist Room Upgrades (6408)	504	448	153	0	0	0	0	0	1,105
Boundary Dam - Improve Lighting (6420)	336	119	2	0	0	0	0	0	457
Boundary Dam - Instrumentation Upgrade and Integration (6343)	2,473	454	1,009	817	379	0	0	0	5,132
Boundary Dam - Outrigger/Transformer Line Replacement System (6357)	238	485	68	0	0	0	0	0	791
Boundary Dam - Safety Instrumentation House (6489)	0	135	233	38	0	0	0	0	406
Boundary Dam - Service Area Improvements (6347)	1,263	30	0	0	56	0	0	0	1,349
Boundary Dam - Sluice Gate Protection, Spill Prevention (6431)	705	8	39	0	0	0	0	0	752
Boundary Dam - Spillgate Hoist House Rehab & Oil Control (6349)	390	540	442	0	0	0	0	0	1,372
Boundary Dam - Tailrace Recreation Area Improvement (6346)	0	0	0	0	236	728	207	0	1,171
Boundary Dam - Trashrack & Trashrake Improvements (6338)	1	0	0	0	572	1,161	0	0	1,734
Boundary Dam - Units 51-54 Turbine Pit Cranes (6350)	0	0	0	0	150	0	0	0	150
Boundary Dam - Units 51-56 Penstock Flow Monitoring (6383)	0	0	0	0	0	508	0	0	508
Boundary Facility - Electrical System Upgrades (6432)	811	370	168	239	275	0	0	0	1,863
Boundary Facility - Improve Radio Systems (6412)	7	0	0	0	2,327	876	0	0	3,210
Boundary Facility - Minor Improvements Program (6401)	4,570	899	1,866	1,678	399	408	418	428	10,666

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program



## Project Summary

BCL/Program Name	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Boundary Facility - Mucking Tunnel Drip Shields (6407)	0	0	0	0	287	0	0	0	287
Boundary Powerhouse - Unit 51 Generator Rebuild (6351)	0	0	0	0	0	0	6,534	1,093	7,627
Boundary Powerhouse - Unit 53 Generator Rebuild (6352)	0	0	0	94	6,174	1,024	0	0	7,292
Boundary Powerhouse - Unit 54 Generator Rebuild (6353)	0	0	0	0	0	6,435	1,017	0	7,452
Boundary Powerhouse - Unit 55 Generator Rebuild (6303)	514	14,752	122	779	292	14	0	0	16,473
Boundary Powerhouse - Unit 55 Turbine Runner Replacement (6491)	96	1,069	7,044	3,521	622	215	90	0	12,657
Boundary Powerhouse - Unit 56 Generator Rebuild (6354)	0	0	14,235	107	856	267	12	0	15,477
Boundary Powerhouse - Unit 56 Turbine Runner Replacement (6490)	0	0	1,080	6,308	3,545	581	212	87	11,813
Boundary Switchyard - Generator Step-up Transformers (6493)	0	0	2,656	2,783	3,264	3,455	3,537	3,625	19,320
Building Envelope Upgrades (9072)	5,962	115	109	111	113	116	119	121	6,766
Cedar Falls Dam - Intake Gate Replacement (6171)	6,818	0	0	0	4	0	0	0	6,822
Cedar Falls Powerhouse - DC Station Service Upgrade (6331)	1,006	0	0	0	100	0	0	0	1,106
Cedar Falls Powerhouse - Penstock Stabilization (6358)	1,157	770	0	0	41	78	5,973	292	8,311
Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay (6450)	1,002	0	652	0	0	0	0	0	1,654
Cedar Falls Powerhouse - Valvehouse Rehabilitation (6324)	0	0	0	0	0	0	386	0	386
Cedar Falls Switchyard - Expansion for Morse Lake Pumps (7805)	281	3,359	121	14	14	21	24	24	3,858
Cedar Falls/South Fork Tolt - Minor Improvements Program (6406)	1,883	1,067	571	1,064	0	0	0	0	4,585
Chester Morse Lake - Overflow Dike Improvements (6476)	0	0	0	0	147	254	139	0	540
Diablo Camp - Sewer System Rehabilitation (6232)	42	24	0	0	793	0	0	0	859

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Diablo Dry Dock Building - Replacement (6488)	0	0	0	0	720	184	0	0	904
Diablo Facility - Helicopter Pad (6474)	0	0	0	101	50	0	0	0	151
Diablo Facility - Lines Protection Upgrades (6483)	0	171	322	27	0	0	0	0	520
Diablo Facility - Minor Improvements Program (6403)	1,438	916	1,114	948	96	0	0	0	4,512
Diablo Facility - Storage Building (6481)	0	118	150	0	0	0	0	0	268
Diablo Powerhouse - 240 KV Bus Tap for Station Service (6413)	0	0	0	0	1,178	342	303	0	1,823
Diablo Powerhouse - Control and Power Cabling Replacement (6363)	0	0	0	0	0	385	390	0	775
Diablo Powerhouse - Crane Wheel Replacements (6471)	0	499	69	0	0	0	0	0	568
Diablo Powerhouse - DC Lighting Systems Upgrade (6365)	0	328	0	0	238	21	0	0	587
Diablo Powerhouse - Rebuild Generator Unit 31 (6422)	0	0	0	0	6,816	1,088	531	0	8,435
Diablo Powerhouse - Rebuild Generator Unit 32 (6423)	0	0	0	6,874	1,017	0	0	0	7,891
Diablo Powerhouse - Replace 5 kV Switchgear (6364)	5,934	431	737	0	0	0	0	0	7,102
Diablo Powerhouse - Replace Units 31-32 Governors (6366)	0	0	0	116	672	389	63	66	1,306
Diablo Powerhouse - Units 31-32 Current-Voltage Instruments (6416)	0	0	0	107	121	21	53	0	302
Diablo Powerhouse - Units 31-32 Exciter Replacement (6492)	0	52	48	283	50	0	0	0	433
Diablo Switchyard - Controls for Breakers and Switches (6417)	29	0	0	0	117	125	0	0	271
Diablo Water System Improvements (6304)	285	0	0	0	38	0	0	0	323
Emergency Command and Control Center (9225)	0	0	504	0	0	0	0	0	504
Endangered Species Act Mitigation (6990)	7,885	1,759	982	1,024	1,117	1,141	1,168	1,197	16,273
Energy Conservation (9320)	736	767	0	0	696	711	372	347	3,629

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Energy Trading and Risk Management (ETRM) System (9936)	0	1,789	0	0	0	0	0	0	1,789
Environmental Safeguarding and Remediation of Facilities (9152)	666	40	164	45	46	47	48	49	1,105
Facilities Infrastructure Improvements (9156)	1,232	53	54	55	56	57	58	60	1,625
Facilities Regulatory Compliance (9151)	18	33	34	34	35	36	37	38	265
Generation Federal Reliability Standards Improvements (6470)	2,555	1,433	661	475	270	276	283	289	6,242
Gorge Dam - Spillgate Rehabilitation (6221)	0	44	45	71	48	0	0	0	208
Gorge Facility - Minor Improvements Program (6404)	1,671	934	1,051	959	0	0	0	0	4,615
Gorge Facility - Second Tunnel Installation (6302)	2,125	1,742	1,382	785	64,942	3,583	4,541	243	79,343
Gorge Powerhouse - AC/DC System Upgrade (6207)	928	58	0	0	1	1	1	1	990
Gorge Powerhouse - Control and Power Cabling Replacement (6328)	0	326	0	0	100	439	0	0	865
Gorge Powerhouse - Fire Protection Improvements (6326)	0	91	0	0	0	0	73	82	246
Gorge Powerhouse - Transformer Bank 10 Replacement (6224)	320	124	358	70	0	0	0	0	872
Ladder Creek Garden - Irrigation and Illumination (6234)	1,166	743	706	0	0	0	0	0	2,615
Miscellaneous Building Improvements (9007)	13,666	77	0	0	168	266	83	85	14,345
Newhalem - Garage Revisions (6231)	0	0	153	129	0	0	0	0	282
Newhalem - Shop Facilities and Equipment Improvements (6424)	0	0	0	0	139	82	71	91	383
North and South Service Center Improvements (9107)	24,909	613	523	182	1,247	1,273	1,115	810	30,672
North Service Center Expansion (9220)	0	0	550	1,123	0	0	0	0	1,673
Office Furniture and Equipment Purchase (9103)	25,632	11	0	0	11	12	12	12	25,690

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Ross Dam - AC/DC Distribution System Upgrade (6373)	1,043	1,028	650	1,068	0	0	0	0	3,789
Ross Facility - Minor Improvements Program (6402)	3,183	660	451	890	0	0	0	0	5,184
Ross Powerhouse - Fire Protection Systems Modification (6166)	2,180	361	0	0	351	0	0	0	2,892
Ross Powerhouse - Governors Replacement (6205)	555	0	0	724	637	152	0	0	2,068
Ross Powerhouse - Programmable Language Controller Upgrade (6376)	0	0	0	0	187	345	293	0	825
Ross Powerhouse - Replace Governor Oil Pumps (6377)	0	0	0	0	109	683	42	0	834
Ross Powerhouse - Storage Building (6456)	0	0	0	0	0	441	164	0	605
Ross Rock Slide Area Improvements (6516)	0	0	2,656	1,381	0	0	0	0	4,037
Safety Modifications (9006)	3,336	222	229	234	239	244	250	256	5,010
Seismic Mitigation (9134)	4,567	29	0	0	58	59	32	33	4,778
Skagit Facility - Diablo Road Repaving - Learning Center (6428)	0	0	0	0	569	34	0	0	603
Skagit Facility - Diablo Road Repaving - Stettatle Creek (6473)	0	43	0	0	12	13	74	17	159
Skagit Facility - Fueling Station Upgrade (6486)	0	0	174	0	0	0	0	0	174
Skagit Facility - Minor Improvements Program (6405)	2,044	1,681	4,428	1,299	0	0	0	0	9,452
Skagit Facility - Network Controls (6385)	397	1,188	934	442	358	367	0	0	3,686
Skagit Facility - Oil Containment Improvements (6458)	535	1,458	625	284	1	0	0	0	2,903
Skagit Facility - Preserve/Upgrade Historic Reg Structures (6426)	2,191	190	542	0	0	0	0	0	2,923
Skagit Facility - Radio System Improvements (6421)	9	0	0	0	91	143	806	55	1,104
Skagit Facility - Security Systems (6388)	1,091	215	76	0	0	0	0	0	1,382

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Skagit Licensing Mitigation (6991)	34,594	1,073	503	217	64	65	67	271	36,854
Skagit Powerhouses - Install Protection Relays (6415)	1,855	148	311	301	0	0	0	0	2,615
South Service Center Spokane Exit Modification (9215)	1,515	5,747	905	0	0	0	0	0	8,167
Special Work Equipment - Generation Plant (6102)	9,963	1,899	1,070	1,058	484	546	559	573	16,152
Special Work Equipment - Shops (8389)	620	399	0	0	610	624	319	327	2,899
Substation Comprehensive Improvements (9161)	2,442	178	0	0	550	316	194	198	3,878
Tolt Facility - Penstock Rehabilitation (6478)	0	0	0	0	253	0	0	0	253
Tolt Powerhouse - Power Monitoring Equipment Upgrades (6323)	0	0	0	0	43	0	0	0	43
Tolt Powerhouse - Replace Generator Management System (6477)	55	206	15	0	0	0	0	0	276
Tolt Switchyard - Bank B Transformer Replacement (6475)	0	117	6	0	0	0	0	0	123
Vehicle Replacement (9101)	62,413	11,631	7,043	9,258	9,449	9,648	9,875	10,116	129,433
Workplace and Process Improvement (9159)	1,408	774	0	0	3,121	3,284	102	105	8,794
<b>Power Supply and Environmental Affairs - CIP</b>	<b>258,127</b>	<b>67,604</b>	<b>65,492</b>	<b>51,824</b>	<b>120,133</b>	<b>49,455</b>	<b>41,933</b>	<b>24,098</b>	<b>678,666</b>
<b>Department Total*:</b>	<b>934,441</b>	<b>298,424</b>	<b>271,771</b>	<b>279,199</b>	<b>324,908</b>	<b>239,393</b>	<b>230,214</b>	<b>209,887</b>	<b>2,788,237</b>

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program



**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
City Light Fund (41000)	934,441	298,424	271,771	279,199	324,908	239,393	230,214	209,887	2,788,237
<b>Department Total*:</b>	934,441	298,424	271,771	279,199	324,908	239,393	230,214	209,887	2,788,237

*\*Amounts in thousands of dollars*





# Seattle City Light

## Alaskan Way Viaduct and Seawall Replacement - Utility Relocs

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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 attached to the existing Viaduct structure. The project facilitates Washington State Department of Transportation's Alaskan Way Viaduct project and Seawall Replacement project. This project also provides a replacement path for transmission through downtown Seattle.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,056	8,194	37,627	56,115	14,021	10,752	6,474	12,578	150,817
<b>Total:</b>	5,056	8,194	37,627	56,115	14,021	10,752	6,474	12,578	150,817
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,056	8,194	37,627	56,115	14,021	10,752	6,474	12,578	150,817
<b>Total*:</b>	5,056	8,194	37,627	56,115	14,021	10,752	6,474	12,578	150,817
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		7,444	26,344	50,802	27,428	11,858	8,706	9,417	141,999
<b>Total:</b>		7,444	26,344	50,802	27,428	11,858	8,706	9,417	141,999

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Automated Utility Design Implementation

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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, a new engineering design software tool to replace outdated drafting software, which is no longer supported by the vendor.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1,068	40	0	0	0	0	1,108
<b>Total:</b>	0	0	1,068	40	0	0	0	0	1,108
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	1,068	40	0	0	0	0	1,108
<b>Total*:</b>	0	0	1,068	40	0	0	0	0	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		0	865	244	0	0	0	0	1,109
<b>Total:</b>		0	865	244	0	0	0	0	1,109

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

### 2011 - 2016 Adopted Capital Improvement Program

**Bothell Substation - New Sewer System**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	7781	<b>End Date:</b>	Q1/2014
<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, and abandons or decommissions the station's septic system. The project includes disconnecting connections, and removing and replacing existing underground electrical safety conductors.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	199	256	290	40	0	0	785
<b>Total:</b>	0	0	199	256	290	40	0	0	785
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	199	256	290	40	0	0	785
<b>Total*:</b>	0	0	199	256	290	40	0	0	785
<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.*

**Bothell Substation - Water Tower Removal**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	7782	<b>End Date:</b>	Q4/2011
<b>Location:</b>	3912 156th St SE, Bothell, WA 98012		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project removes water from, dismantles, removes, and disposes of the Bothell Substation water tower and its foundations, and removes and replaces impacted ground covering. The project includes disconnecting tower connections to the station's current water/deluge system.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	19	739	155	0	0	0	0	0	913
<b>Total:</b>	19	739	155	0	0	0	0	0	913
<b>Fund Appropriations/Allocations</b>									
City Light Fund	19	739	155	0	0	0	0	0	913
<b>Total*:</b>	19	739	155	0	0	0	0	0	913
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		739	665	0	0	0	0	0	1,404
<b>Total:</b>		739	665	0	0	0	0	0	1,404

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

# Seattle City Light

## Boundary - Licensing Mitigation

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<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. The PME measures were negotiated with agencies with mandatory conditioning authority as part of a comprehensive Settlement Agreement and are binding on City Light per that Agreement even in they are not all contained in the new license. Continued operation of Boundary Hydroelectric Project is conditional upon obtaining a new license.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	520	529	1,080	4,940	1,286	3,107	11,462
<b>Total:</b>	0	0	520	529	1,080	4,940	1,286	3,107	11,462
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	520	529	1,080	4,940	1,286	3,107	11,462
<b>Total*:</b>	0	0	520	529	1,080	4,940	1,286	3,107	11,462
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	520	529	1,080	3,544	2,681	2,188	10,542
<b>Total:</b>		0	520	529	1,080	3,544	2,681	2,188	10,542

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

## 2011 - 2016 Adopted Capital Improvement Program

**Boundary - Service Area Paving**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6482	<b>End Date:</b>	Q2/2013
<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 entrance into the service area is also realigned to eliminate a safety hazard. This project enhances the serviceability of the powerhouse access road by replacing the last sections of asphalt that were installed 40 years ago when the dam was built, and eliminating the need for dust abatement in summer. 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	1,081	0	0	0	1,081
<b>Total:</b>	0	0	0	0	1,081	0	0	0	1,081
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	1,081	0	0	0	1,081
<b>Total*:</b>	0	0	0	0	1,081	0	0	0	1,081
<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.*

**Boundary - Sluice Maintenance Gate Structure**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2010
<b>Project ID:</b>	6511	<b>End Date:</b>	Q4/2011
<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

The project scope of work includes construction of a concrete foundation slab (2 feet thick) and a containment building which will be used for 1 year to contain lead paint being removed during the rehab of the 320 Ton Sluice Maintenance Gate (SMG). Following the use as a containment structure the building will be relocated to a new permanent slab and used as a warehouse in the service area. The containment structure will be constructed after the SMG has been sited on the slab and disassembled. The containment structure will then be removed when the SMG has been remediated and recoated to allow for final assembly of the SMG prior to it being floated and returned to service.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	302	0	0	0	0	0	302
<b>Total:</b>	0	0	302	0	0	0	0	0	302
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	302	0	0	0	0	0	302
<b>Total*:</b>	0	0	302	0	0	0	0	0	302
<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.*

**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Boundary - Transfer Blocks 151-156 Rock Damage Mitigation

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/2008
<b>Project ID:</b>	6485	<b>End Date:</b>	Q2/2013
<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 removes vegetation, scale loose rock, and installs cable netting on the rockface above the transformer bays at Boundary in order to mitigate the danger posed by falling rock. This rockface has a history of rockfall incidents that have damaged outriggers and high voltage powerline extending from the transformers. A geologic reconnaissance done in July and October 2000, indicates that rockfall incidents should be expected to continue and that the potential exists for much larger rocks to fall. A sufficiently large rockfall could cause extensive damage to a transformer, the "bonnet" over the transformer, transformer equipment, conductors or outriggers.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	21	380	3,743	3,127	24	0	0	0	7,295
<b>Total:</b>	21	380	3,743	3,127	24	0	0	0	7,295
<b>Fund Appropriations/Allocations</b>									
City Light Fund	21	380	3,743	3,127	24	0	0	0	7,295
<b>Total*:</b>	21	380	3,743	3,127	24	0	0	0	7,295
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		380	2,114	4,756	24	0	0	0	7,274
<b>Total:</b>		380	2,114	4,756	24	0	0	0	7,274

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

### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Boundary Dam - Access Road & Forebay Rec Area Paving

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6454	<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 paves the Boundary Access Road from "the Y" to the parking lot at the powerhouse entrance and the forebay recreation area.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	69	208	0	0	277
<b>Total:</b>	0	0	0	0	69	208	0	0	277
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	69	208	0	0	277
<b>Total*:</b>	0	0	0	0	69	208	0	0	277
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Dam - Emergency Lighting Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6342	<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 emergency lighting, corrects failed cable and wiring, and installs emergency lighting where it is inadequate or nonexistent throughout the Boundary facility.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	856	181	132	51	0	0	0	0	1,220
<b>Total:</b>	856	181	132	51	0	0	0	0	1,220
<b>Fund Appropriations/Allocations</b>									
City Light Fund	856	181	132	51	0	0	0	0	1,220
<b>Total*:</b>	856	181	132	51	0	0	0	0	1,220
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Dam - Forebay Recreation Area Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6345	<b>End Date:</b>	Q3/2014
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	58	723	0	0	781
<b>Total:</b>	0	0	0	0	58	723	0	0	781
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	58	723	0	0	781
<b>Total*:</b>	0	0	0	0	58	723	0	0	781
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Dam - Headgate Hoist Room Upgrades

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	6408	<b>End Date:</b>	Q4/2011
<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 dehumidifying equipment, maintenance hoists, and safety platforms in the Boundary Head Gate Hoist Rooms, as recommended to reduce frequency and duration of maintenance activities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	504	448	153	0	0	0	0	0	1,105
<b>Total:</b>	504	448	153	0	0	0	0	0	1,105
<b>Fund Appropriations/Allocations</b>									
City Light Fund	504	448	153	0	0	0	0	0	1,105
<b>Total*:</b>	504	448	153	0	0	0	0	0	1,105
<b>O &amp; M Costs (Savings)</b>			1	1	0	0	0	0	2

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

### 2011 - 2016 Adopted Capital Improvement Program

**Boundary Dam - Improve Lighting**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6420	<b>End Date:</b>	Q1/2011
<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 redesigns and installs improved lighting fixtures at the Boundary Dam facility, in order to meet safety and public viewing needs.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	336	119	2	0	0	0	0	0	457
<b>Total:</b>	336	119	2	0	0	0	0	0	457
<b>Fund Appropriations/Allocations</b>									
City Light Fund	336	119	2	0	0	0	0	0	457
<b>Total*:</b>	336	119	2	0	0	0	0	0	457
<b>O &amp; M Costs (Savings)</b>			(6)	(4)	(4)	0	0	0	(14)

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

**Seattle City Light**

**Boundary Dam - Instrumentation Upgrade and Integration**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	6343	<b>End Date:</b>	Q2/2013
<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 funds a purchase and installation contract with an electrical contractor or supplier to upgrade or replace Unit 51-56 unit control boards, as necessary, to provide full interface with a new network-based control system.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,473	454	1,009	817	379	0	0	0	5,132
<b>Total:</b>	2,473	454	1,009	817	379	0	0	0	5,132
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,473	454	1,009	817	379	0	0	0	5,132
<b>Total*:</b>	2,473	454	1,009	817	379	0	0	0	5,132
<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.*

**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Boundary Dam - Outrigger/Transformer Line Replacement System

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	6357	<b>End Date:</b>	Q1/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	238	485	68	0	0	0	0	0	791
<b>Total:</b>	238	485	68	0	0	0	0	0	791
<b>Fund Appropriations/Allocations</b>									
City Light Fund	238	485	68	0	0	0	0	0	791
<b>Total*:</b>	238	485	68	0	0	0	0	0	791
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Dam - Safety Instrumentation House

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	6489	<b>End Date:</b>	Q2/2012
<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 enhancing dam performance, monitoring and facilitating essential training for personnel via single point monitoring and evaluation.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	135	233	38	0	0	0	0	406
<b>Total:</b>	0	135	233	38	0	0	0	0	406
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	135	233	38	0	0	0	0	406
<b>Total*:</b>	0	135	233	38	0	0	0	0	406
<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.*

### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Boundary Dam - Service Area Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	6347	<b>End Date:</b>	Q1/2013
<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 of the fire protection system in the oil storage building; and provides covered, outdoor storage for steel.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,263	30	0	0	56	0	0	0	1,349
<b>Total:</b>	1,263	30	0	0	56	0	0	0	1,349
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,263	30	0	0	56	0	0	0	1,349
<b>Total*:</b>	1,263	30	0	0	56	0	0	0	1,349
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Dam - Sluice Gate Protection, Spill Prevention

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6431	<b>End Date:</b>	Q1/2011
<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 sluice gate cavity fill valves, provides weather protection for the valves, installs safety railing and fall protection measures for the sluice gate slots, and installs catch-basins at key points in the sluice gate seal antifreeze system to prevent spillage.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	705	8	39	0	0	0	0	0	752
<b>Total:</b>	705	8	39	0	0	0	0	0	752
<b>Fund Appropriations/Allocations</b>									
City Light Fund	705	8	39	0	0	0	0	0	752
<b>Total*:</b>	705	8	39	0	0	0	0	0	752
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Seattle City Light**

**Boundary Dam - Spillgate Hoist House Rehab & Oil Control**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	6349	<b>End Date:</b>	Q4/2011
<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.

	<b>LTD Actuals</b>	<b>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	390	540	442	0	0	0	0	0	1,372
<b>Total:</b>	390	540	442	0	0	0	0	0	1,372
<b>Fund Appropriations/Allocations</b>									
City Light Fund	390	540	442	0	0	0	0	0	1,372
<b>Total*:</b>	390	540	442	0	0	0	0	0	1,372
<b>O &amp; M Costs (Savings)</b>			(7)	0	0	0	0	0	(7)

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

**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Boundary Dam - Tailrace Recreation Area Improvement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	236	728	207	0	1,171
<b>Total:</b>	0	0	0	0	236	728	207	0	1,171
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	236	728	207	0	1,171
<b>Total*:</b>	0	0	0	0	236	728	207	0	1,171
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Dam - Trashrack & Trashrake Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	6338	<b>End Date:</b>	Q2/2014
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1	0	0	0	572	1,161	0	0	1,734
<b>Total:</b>	1	0	0	0	572	1,161	0	0	1,734
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1	0	0	0	572	1,161	0	0	1,734
<b>Total*:</b>	1	0	0	0	572	1,161	0	0	1,734
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Dam - Units 51-54 Turbine Pit Cranes

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<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. Units 55 and 56 currently have monorail hoists, which facilitate maintenance and assembly of wicket gate linkages and other components in the turbine pits. A wicket gate is a large, complex valve that controls the flow of water into the generator. Plant personnel have found the monorail hoist systems in Units 55 and 56 have reduced the difficulty of and time required for maintenance. Similar advantages are realized by installing monorail hoists at four other units. This project has been deferred from 2003.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	150	0	0	0	150
<b>Total:</b>	0	0	0	0	150	0	0	0	150
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	150	0	0	0	150
<b>Total*:</b>	0	0	0	0	150	0	0	0	150
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

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

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6383	<b>End Date:</b>	Q3/2014
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	508	0	0	508
<b>Total:</b>	0	0	0	0	0	508	0	0	508
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	508	0	0	508
<b>Total*:</b>	0	0	0	0	0	508	0	0	508
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Facility - Electrical System Upgrades

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	811	370	168	239	275	0	0	0	1,863
<b>Total:</b>	811	370	168	239	275	0	0	0	1,863
<b>Fund Appropriations/Allocations</b>									
City Light Fund	811	370	168	239	275	0	0	0	1,863
<b>Total*:</b>	811	370	168	239	275	0	0	0	1,863
<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.*

### 2011 - 2016 Adopted Capital Improvement Program



**Boundary Facility - Improve Radio Systems**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6412	<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 new simulcast system to prevent the overlap of the existing signals and Radiax cable in the area to provide radio coverage where it is unavailable currently.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7	0	0	0	2,327	876	0	0	3,210
<b>Total:</b>	7	0	0	0	2,327	876	0	0	3,210
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7	0	0	0	2,327	876	0	0	3,210
<b>Total*:</b>	7	0	0	0	2,327	876	0	0	3,210
<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	1,104	2,098	0	0	3,202
<b>Total:</b>		0	0	0	1,104	2,098	0	0	3,202

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

# Seattle City Light

## Boundary Facility - Minor Improvements Program

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	6401	<b>End Date:</b>	Q4/2016
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides financing for unforeseeable, unscheduled capital work. This project covers work specifically related to Boundary Facilities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,570	899	1,866	1,678	399	408	418	428	10,666
<b>Total:</b>	4,570	899	1,866	1,678	399	408	418	428	10,666
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,570	899	1,866	1,678	399	408	418	428	10,666
<b>Total*:</b>	4,570	899	1,866	1,678	399	408	418	428	10,666
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Facility - Mucking Tunnel Drip Shields

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6407	<b>End Date:</b>	Q3/2013
<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 drip shields and and/or awnings to control water drips and provide dry storage at the Boundary Facility.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	287	0	0	0	287
<b>Total:</b>	0	0	0	0	287	0	0	0	287
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	287	0	0	0	287
<b>Total*:</b>	0	0	0	0	287	0	0	0	287
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 51 Generator Rebuild

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<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

As part of a programmatic series of generator rehabilitation projects for ten aging generators located at Ross, Diablo, and Boundary Powerhouses, this project issues a purchase and install contract for rewinding and refurbishing the generators. This project also replaces the carbon dioxide fire-suppression system with a water sprinkler system. The project may include a rotor-mounted scanner or other diagnostic equipment.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	6,534	1,093	7,627
<b>Total:</b>	0	0	0	0	0	0	6,534	1,093	7,627
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	6,534	1,093	7,627
<b>Total*:</b>	0	0	0	0	0	0	6,534	1,093	7,627
<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	445	7,183	7,628
<b>Total:</b>		0	0	0	0	0	445	7,183	7,628

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 53 Generator Rebuild

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2012
<b>Project ID:</b>	6352	<b>End Date:</b>	Q3/2014
<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

As part of a programmatic series of generator rehabilitation projects for ten aging generators located at Ross, Diablo, and Boundary Powerhouses, this project issues a purchase and install contract for rewinding and refurbishing the generator. The project includes replacement of the carbon dioxide (CO2) fire suppression system with a water sprinkler system. The project may include a rotor mounted scanner or other diagnostic equipment.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	94	6,174	1,024	0	0	7,292
<b>Total:</b>	0	0	0	94	6,174	1,024	0	0	7,292
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	94	6,174	1,024	0	0	7,292
<b>Total*:</b>	0	0	0	94	6,174	1,024	0	0	7,292
<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	94	352	6,846	0	0	7,292
<b>Total:</b>		0	0	94	352	6,846	0	0	7,292

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 54 Generator Rebuild

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6353	<b>End Date:</b>	Q3/2015
<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

As part of a programmatic series of generator rehabilitation projects for ten aging generators located at Ross, Diablo, and Boundary Powerhouses, this project issues a purchase and install contract for rewinding and refurbishment of the generator. Included in the project is replacement of the carbon dioxide (CO2) fire suppression system with a water sprinkler system. The project may include installation of a rotor mounted scanner or other diagnostic equipment.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	6,435	1,017	0	7,452
<b>Total:</b>	0	0	0	0	0	6,435	1,017	0	7,452
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	6,435	1,017	0	7,452
<b>Total*:</b>	0	0	0	0	0	6,435	1,017	0	7,452
<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	485	6,967	0	7,452
<b>Total:</b>		0	0	0	0	485	6,967	0	7,452

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 55 Generator Rebuild

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6303	<b>End Date:</b>	Q1/2014
<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 is part of the Utility's Generator Rebuild Program. The program rebuilds ten generators (accounting for 70% of City Light's generating capability). This project repairs the Unit 55 Generator stator, which has been damaged by long-term exposure to excessive vibration inherent in the original generator design. (The stator is the stationary hollow cylinder in which the magnet rotates to generate electricity.) Although the vibration problem was resolved in the mid-1990s, the life of the stator was reduced by exposure to more than 15 years of severe vibration. This project also replaces the carbon dioxide fire-suppression system with a water sprinkler system. The project may include installing a rotor-mounted scanner or other diagnostic equipment.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	514	14,752	122	779	292	14	0	0	16,473
<b>Total:</b>	514	14,752	122	779	292	14	0	0	16,473
<b>Fund Appropriations/Allocations</b>									
City Light Fund	514	14,752	122	779	292	14	0	0	16,473
<b>Total*:</b>	514	14,752	122	779	292	14	0	0	16,473
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,752	122	12,779	292	14	0	0	15,959
<b>Total:</b>		2,752	122	12,779	292	14	0	0	15,959

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 55 Turbine Runner Replacement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	6491	<b>End Date:</b>	Q1/2016
<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 will replace the Boundary Unit 56 turbine runner. Preliminary engineering studies indicate that there are several degrees of efficiency that can be gained by replacing the runner. As a result, this project would rapidly pay for itself and provide future benefit.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	96	1,069	7,044	3,521	622	215	90	0	12,657
<b>Total:</b>	96	1,069	7,044	3,521	622	215	90	0	12,657
<b>Fund Appropriations/Allocations</b>									
City Light Fund	96	1,069	7,044	3,521	622	215	90	0	12,657
<b>Total*:</b>	96	1,069	7,044	3,521	622	215	90	0	12,657
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		(84)	7,620	4,098	622	215	90	0	12,561
<b>Total:</b>		(84)	7,620	4,098	622	215	90	0	12,561

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

### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Boundary Powerhouse - Unit 56 Generator Rebuild

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	6354	<b>End Date:</b>	Q1/2015
<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

As part of a programmatic series of rehabilitation projects for ten aging generators located at Ross, Diablo, and Boundary Powerhouses, this project issues a purchase and install contract for rewinding and refurbishing the generator. The project also replaces the carbon dioxide fire-suppression system with a water sprinkler system. The project may include installing a rotor mounted scanner or other diagnostic equipment.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	14,235	107	856	267	12	0	15,477
<b>Total:</b>	0	0	14,235	107	856	267	12	0	15,477
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	14,235	107	856	267	12	0	15,477
<b>Total*:</b>	0	0	14,235	107	856	267	12	0	15,477
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	2,019	107	13,072	267	12	0	15,477
<b>Total:</b>		0	2,019	107	13,072	267	12	0	15,477

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 56 Turbine Runner Replacement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<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. Preliminary engineering studies indicate that there are several degrees of efficiency that can be gained by replacing the runner. As a result, this project would rapidly pay for itself and provide future benefit.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1,080	6,308	3,545	581	212	87	11,813
<b>Total:</b>	0	0	1,080	6,308	3,545	581	212	87	11,813
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	1,080	6,308	3,545	581	212	87	11,813
<b>Total*:</b>	0	0	1,080	6,308	3,545	581	212	87	11,813
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Boundary Switchyard - Generator Step-up Transformers

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	6493	<b>End Date:</b>	Q3/2018
<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 replaces existing step-up transformers at Boundary Dam with new and upgraded equipment, over a six to eight year period. The existing transformers are 50 years old and have exceeded their reliable service life. They are also at risk due to rockfall exposures. This project will also include a spare transformer which allows for City Light to avoid a prolonged loss of generation capacity, as normal delivery time from order to on-site is 18 to 24 months. The spare shall be provided as either a renovated unit or as a new unit based on engineering and cost benefit analysis. The longterm budget cost estimates are approximately \$21 million spread over eight years.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	2,656	2,783	3,264	3,455	3,537	3,625	19,320
<b>Total:</b>	0	0	2,656	2,783	3,264	3,455	3,537	3,625	19,320
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	2,656	2,783	3,264	3,455	3,537	3,625	19,320
<b>Total*:</b>	0	0	2,656	2,783	3,264	3,455	3,537	3,625	19,320
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

**Broad Street Substation - Network**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8203	<b>End Date:</b>	Q4/2020
<b>Location:</b>	319 6th AV N		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project provides a programmatic approach for comprehensive management of underground network assets (electrical and in some cases civil) serving customers in the Belltown and Denny Regrade areas. The project provides sufficient and reliable service capacity for the growing electrical power needs of City Lights customers. Based on projected new loads within the Denny Triangle and potentially a portion of South Lake Union area, the electrical capacity of the cables serving two sub-networks is almost exceeding capacity, requiring immediate action to avoid cable failures and long costly customer outages.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	48,621	3,999	2,305	2,208	1,040	1,063	1,389	1,424	62,049
<b>Total:</b>	48,621	3,999	2,305	2,208	1,040	1,063	1,389	1,424	62,049
<b>Fund Appropriations/Allocations</b>									
City Light Fund	48,621	3,999	2,305	2,208	1,040	1,063	1,389	1,424	62,049
<b>Total*:</b>	48,621	3,999	2,305	2,208	1,040	1,063	1,389	1,424	62,049
<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.*

**Building Envelope Upgrades**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	9072	<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 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. Replacement schedules are based primarily on periodic inspections and trouble call history. City Light's diverse inventory of buildings feature an assortment of exterior systems of different ages and sizes.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,962	115	109	111	113	116	119	121	6,766
<b>Total:</b>	5,962	115	109	111	113	116	119	121	6,766
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,962	115	109	111	113	116	119	121	6,766
<b>Total*:</b>	5,962	115	109	111	113	116	119	121	6,766
<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.*

**Burien Undergrounding - Phase 2**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	8401	<b>End Date:</b>	Q4/2011
<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 a financial mechanism 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. This financing mechanism is established pursuant the terms and conditions set forth in the franchise agreement between Seattle City Light and the City of Burien.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	107	2,318	3,677	0	0	0	0	0	6,102
<b>Total:</b>	107	2,318	3,677	0	0	0	0	0	6,102
<b>Fund Appropriations/Allocations</b>									
City Light Fund	107	2,318	3,677	0	0	0	0	0	6,102
<b>Total*:</b>	107	2,318	3,677	0	0	0	0	0	6,102
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,318	5,164	0	0	0	0	0	7,482
<b>Total:</b>		2,318	5,164	0	0	0	0	0	7,482

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

**2011 - 2016 Adopted Capital Improvement Program**

**Canal Substation - Transformer Replacements**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	7778	<b>End Date:</b>	Q4/2015
<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 reviews two substation power transformers to determine dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and fault-interrupting history. The transformers with the highest failure risk, or those presenting substation capacity limits, are replaced. These replacements and additions generally take two years overall, with procurement and construction occurring in the first year, and delivery and installation occurring in the second.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	2,900	3,880	907	0	7,687
<b>Total:</b>	0	0	0	0	2,900	3,880	907	0	7,687
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	2,900	3,880	907	0	7,687
<b>Total*:</b>	0	0	0	0	2,900	3,880	907	0	7,687
<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	518	3,827	3,340	0	7,685
<b>Total:</b>		0	0	0	518	3,827	3,340	0	7,685

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

**CCSS System Improvements**

<b>BCL/Program Name:</b>	Financial Services - CIP	<b>BCL/Program Code:</b>	SCL550
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	9954	<b>End Date:</b>	Q1/2012
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project 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. Lack of a purge and archive capability slows both system operation and batch processing times, which reduces user efficiency and increases risk of total system failure and ultimately deterioration of customer service and satisfaction. The plan is to purchase new hardware and software programs in 2011 to enhance purge and archive capability with costs shared equally by Seattle City Light and Seattle Public Utilities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	551	0	0	0	0	0	551
<b>Total:</b>	0	0	551	0	0	0	0	0	551
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	551	0	0	0	0	0	551
<b>Total*:</b>	0	0	551	0	0	0	0	0	551
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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



# Seattle City Light

## Cedar Falls - Chester Morse Lake Pump Station Line Extension

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2008
<b>Project ID:</b>	8420	<b>End Date:</b>	Q4/2011
<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. This project is related to 7805, Cedar Falls Switchyard Expansion for Morse Lake Pumps, which constructs a tap into the transmission line and a new switchyard to supply electric power to the distribution class line. The distribution class line supplies power to new water supply pumps at Chester Morse Lake that SPU will install in their project C103032, Morse Lake Pump Plant. SPU will also construct a customer owned line from the end of the Seattle City Light dedicated distribution class line at the Masonry Dam to the pump location. The new pumps deliver water during drought conditions.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	103	1,260	1,316	0	0	0	0	0	2,679
<b>Total:</b>	103	1,260	1,316	0	0	0	0	0	2,679
<b>Fund Appropriations/Allocations</b>									
City Light Fund	103	1,260	1,316	0	0	0	0	0	2,679
<b>Total*:</b>	103	1,260	1,316	0	0	0	0	0	2,679
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

**Cedar Falls Dam - Intake Gate Replacement**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1993
<b>Project ID:</b>	6171	<b>End Date:</b>	Q1/2013
<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 replaces the intake gate at the Cedar Falls Masonry Dam and installs a dam failure emergency warning system. The Cedar Falls watershed provides 70 percent of the City's water supply. The project mitigates any environmental damage that may result from a flood that could occur if the old spillgate malfunctions.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,818	0	0	0	4	0	0	0	6,822
<b>Total:</b>	6,818	0	0	0	4	0	0	0	6,822
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,818	0	0	0	4	0	0	0	6,822
<b>Total*:</b>	6,818	0	0	0	4	0	0	0	6,822
<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.*

# Seattle City Light

## Cedar Falls Powerhouse - DC Station Service Upgrade

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6331	<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 provides redundant electrical services and backup power to plant systems, preventing generation outages and downramping events that could destroy fish nesting areas. It ensures compliance with the Cedar Falls Habitat Conservation Plan (HCP) by maintaining river flows, and therefore elevation change, to support Chinook salmon habitat. Noncompliance with the HCP could result in large fines or enforcement action.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,006	0	0	0	100	0	0	0	1,106
<b>Total:</b>	1,006	0	0	0	100	0	0	0	1,106
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,006	0	0	0	100	0	0	0	1,106
<b>Total*:</b>	1,006	0	0	0	100	0	0	0	1,106
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Seattle City Light**

**Cedar Falls Powerhouse - Penstock Stabilization**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2006
<b>Project ID:</b>	6358	<b>End Date:</b>	Q1/2017
<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project installs a seismic upgrade of penstock bridges, repairs sagging or broken penstock support saddles, and refurbishes the exterior surfaces to extend the life of two 78-inch diameter steel penstocks, which convey water approximately 7,000 feet from Masonry Dam to the Cedar Falls Powerhouse.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,157	770	0	0	41	78	5,973	292	8,311
<b>Total:</b>	1,157	770	0	0	41	78	5,973	292	8,311
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,157	770	0	0	41	78	5,973	292	8,311
<b>Total*:</b>	1,157	770	0	0	41	78	5,973	292	8,311
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		770	0	0	41	78	1,187	4,699	6,775
<b>Total:</b>		770	0	0	41	78	1,187	4,699	6,775

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

**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6450	<b>End Date:</b>	Q4/2011
<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. The standard protection package with two SEL-300G and time-synchronization relays are installed for a complete primary and backup protection system. This redundant protection scheme provides sufficient flexibility to allow one relay to be taken out of service for maintenance without requiring the generator to be removed from service. This is consistent with the standard approached now used at other SCL powerhouses. These relays also require a time-synchronization clock to ensure that precise timing of the sequence of events is available for determining the protection system performance and the root-causes of the electrical system disturbances. Along with upgrading the generator protection packages, the electrical and mechanical lockout relays are also replaced.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,002	0	652	0	0	0	0	0	1,654
<b>Total:</b>	1,002	0	652	0	0	0	0	0	1,654
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,002	0	652	0	0	0	0	0	1,654
<b>Total*:</b>	1,002	0	652	0	0	0	0	0	1,654
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Seattle City Light**

**Cedar Falls Powerhouse - Valvehouse Rehabilitation**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	6324	<b>End Date:</b>	Q3/2015
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	386	0	386
<b>Total:</b>	0	0	0	0	0	0	386	0	386
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	386	0	386
<b>Total*:</b>	0	0	0	0	0	0	386	0	386
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Cedar Falls Switchyard - Expansion for Morse Lake Pumps

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	7805	<b>End Date:</b>	Q4/2049
<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 also includes design and construction of a new switchyard that will supply dedicated electric power to Seattle Public Utilities (SPU). This project is related to Project 8420, Cedar Falls to Chester Morse Lake Pump Station Line Extension, which constructs a 12,000 foot 26.4 KV distribution line from the switchyard to the Masonry Dam near Chester Morse Lake. These two projects will supply power to new water supply pumps at Chester Morse Lake that Seattle Public Utilities (SPU) will install in their project C103032, Morse Lake Pump Plant. As part of their project, SPU will construct an 18,000 foot customer-owned line from the Seattle City Light distribution line at the Masonry Dam to the pump location. The new pumps will deliver water during drought conditions.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	281	3,359	121	14	14	21	24	24	3,858
<b>Total:</b>	281	3,359	121	14	14	21	24	24	3,858
<b>Fund Appropriations/Allocations</b>									
City Light Fund	281	3,359	121	14	14	21	24	24	3,858
<b>Total*:</b>	281	3,359	121	14	14	21	24	24	3,858
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Cedar Falls/South Fork Tolt - Minor Improvements Program

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6406	<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 provides financing for unforeseeable, unscheduled capital work. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. This project covers work specifically related to Cedar Falls and South Fork Tolt Facilities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,883	1,067	571	1,064	0	0	0	0	4,585
<b>Total:</b>	1,883	1,067	571	1,064	0	0	0	0	4,585
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,883	1,067	571	1,064	0	0	0	0	4,585
<b>Total*:</b>	1,883	1,067	571	1,064	0	0	0	0	4,585
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Chester Morse Lake - Overflow Dike Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6476	<b>End Date:</b>	Q3/2015
<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 funds City Light's share of work being performed by Seattle Public Utilities (SPU) to replace an existing, damaged flashboard system at the crest of the RCC Overflow Dam at Chester Morse Lake with a gate or similar facility in order to better control lake elevations. In addition to this work, SPU upgrades manual systems at the dike to be remotely operable. This work benefits City Light by maintaining lake levels.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	147	254	139	0	540
<b>Total:</b>	0	0	0	0	147	254	139	0	540
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	147	254	139	0	540
<b>Total*:</b>	0	0	0	0	147	254	139	0	540
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Citywide Undergrounding Initiative - City Light

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	8403	<b>End Date:</b>	Q4/2015
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project 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. Private developers may participate in the cost of undergrounding adjacent to parcels being developed.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	3,069	444	405	2,303	3,046	3,177	0	12,444
<b>Total:</b>	0	3,069	444	405	2,303	3,046	3,177	0	12,444
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	3,069	444	405	2,303	3,046	3,177	0	12,444
<b>Total*:</b>	0	3,069	444	405	2,303	3,046	3,177	0	12,444
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,069	1,335	1,758	2,926	3,046	3,177	0	15,311
<b>Total:</b>		3,069	1,335	1,758	2,926	3,046	3,177	0	15,311

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Communications Improvements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	9009	<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 provides for unforeseen emergent and critical work on City Light's communications systems. This ongoing program provides funding to replace communications components due to failure, changing regulatory and security requirements, and requests from customers or other agencies. Examples of past projects include the addition of new, urgent communications equipment for Seattle Public Utilities at Cedar Falls, equipment to monitor ground slides under transmission towers, and the purchase and installation of a video monitor at the System Control Center for monitoring the safety camera at Cedar Falls Dam.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	8,963	881	850	619	1,138	902	921	573	14,847
<b>Total:</b>	8,963	881	850	619	1,138	902	921	573	14,847
<b>Fund Appropriations/Allocations</b>									
City Light Fund	8,963	881	850	619	1,138	902	921	573	14,847
<b>Total*:</b>	8,963	881	850	619	1,138	902	921	573	14,847
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Creston-Nelson to Intergate East Feeder Installation

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<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. The customer pays for this feeder. This project includes design, permit preparation and evaluates customer load requirements. This project is an addition to the Feeder 2693 Upgrade (project 8357).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	4,150	928	140	0	0	0	0	5,218
<b>Total:</b>	0	4,150	928	140	0	0	0	0	5,218
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	4,150	928	140	0	0	0	0	5,218
<b>Total*:</b>	0	4,150	928	140	0	0	0	0	5,218
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,150	1,962	140	0	0	0	0	6,252
<b>Total:</b>		4,150	1,962	140	0	0	0	0	6,252

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Cruise Ship Service Connections

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	8433	<b>End Date:</b>	Q4/2022
<b>Location:</b>	Elliot Bay		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan 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 electrical service connections to the docks which support cruise ships moored in Elliott Bay. The project allows the ships to power their systems while protecting the atmosphere.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	8,940	9,239	9,464	27,643
<b>Total:</b>	0	0	0	0	0	8,940	9,239	9,464	27,643
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	8,940	9,239	9,464	27,643
<b>Total*:</b>	0	0	0	0	0	8,940	9,239	9,464	27,643
<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	1,806	9,071	9,286	20,163
<b>Total:</b>		0	0	0	0	1,806	9,071	9,286	20,163

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Customer Information System

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9937	<b>End Date:</b>	Q4/2014
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	13,374	360	508	0	14,242
<b>Total:</b>	0	0	0	0	13,374	360	508	0	14,242
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	13,374	360	508	0	14,242
<b>Total*:</b>	0	0	0	0	13,374	360	508	0	14,242
<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	7,023	3,535	3,683	0	14,241
<b>Total:</b>		0	0	0	7,023	3,535	3,683	0	14,241

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

### 2011 - 2016 Adopted Capital Improvement Program

**Dallas Ave. 26 kV Crossing**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	402	102	1,282	0	0	0	0	0	1,786
<b>Total:</b>	402	102	1,282	0	0	0	0	0	1,786
<b>Fund Appropriations/Allocations</b>									
City Light Fund	402	102	1,282	0	0	0	0	0	1,786
<b>Total*:</b>	402	102	1,282	0	0	0	0	0	1,786
<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.*

**Diablo Camp - Sewer System Rehabilitation**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	6232	<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 or repairs numerous sewer pipe breaks, leaks, and sags in the combined Diablo sewer/drainage collection system, located at the Diablo Dam site. This project eliminates potential overloads in the sewage treatment plant that can cause pollution of the Skagit River and soil contamination. This project is contingent on forthcoming recommendations regarding the Skagit Housing Plan. If a decision is made to abandon the housing in that area, the sewage system will be abandoned and removed, thus rendering this project unnecessary.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	42	24	0	0	793	0	0	0	859
<b>Total:</b>	42	24	0	0	793	0	0	0	859
<b>Fund Appropriations/Allocations</b>									
City Light Fund	42	24	0	0	793	0	0	0	859
<b>Total*:</b>	42	24	0	0	793	0	0	0	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.*



**Diablo Dry Dock Building - Replacement**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6488	<b>End Date:</b>	Q1/2014
<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 an existing wood pole structure over the rail dry dock and winch with a steel structure.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	720	184	0	0	904
<b>Total:</b>	0	0	0	0	720	184	0	0	904
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	720	184	0	0	904
<b>Total*:</b>	0	0	0	0	720	184	0	0	904
<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.*

**Diablo Facility - Helicopter Pad**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	6474	<b>End Date:</b>	Q2/2013
<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 continued helicopter access to Diablo and Ross. A helicopter pad exists in Newhalem but no where else in the Skagit system. During the winter of 2008, the Diablo and Ross facilities were isolated due to multiple avalanches that closed the North Cascades highway between Newhalem and these facilities. The project provides an improved alternative to using as a landing pad the existing Diablo roadway, which is characterized by poor/loose road surfaces, inadequate light and dangerous approach/departure angles for personnel.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	101	50	0	0	0	151
<b>Total:</b>	0	0	0	101	50	0	0	0	151
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	101	50	0	0	0	151
<b>Total*:</b>	0	0	0	101	50	0	0	0	151
<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.*

**Diablo Facility - Lines Protection Upgrades**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	6483	<b>End Date:</b>	Q1/2012
<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. Replacements include microprocessor-based digital relays, fault location and event reporting, lockout and test switching capabilities, and communication-assisted transfer trip utilizing the mirrored bits function of the digital relays.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	171	322	27	0	0	0	0	520
<b>Total:</b>	0	171	322	27	0	0	0	0	520
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	171	322	27	0	0	0	0	520
<b>Total*:</b>	0	171	322	27	0	0	0	0	520
<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.*

**Diablo Facility - Minor Improvements Program**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	6403	<b>End Date:</b>	Q2/2013
<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. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. This project covers work specifically related to Diablo Facilities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,438	916	1,114	948	96	0	0	0	4,512
<b>Total:</b>	1,438	916	1,114	948	96	0	0	0	4,512
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,438	916	1,114	948	96	0	0	0	4,512
<b>Total*:</b>	1,438	916	1,114	948	96	0	0	0	4,512
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2011 - 2016 Adopted Capital Improvement Program**

**Diablo Facility - Storage Building**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	6481	<b>End Date:</b>	Q4/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	118	150	0	0	0	0	0	268
<b>Total:</b>	0	118	150	0	0	0	0	0	268
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	118	150	0	0	0	0	0	268
<b>Total*:</b>	0	118	150	0	0	0	0	0	268
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Diablo Powerhouse - 240 KV Bus Tap for Station Service

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6413	<b>End Date:</b>	Q1/2015
<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

The Diablo Powerhouse relies on the 26 kV transmission line between Diablo and Ross for backup station service power. 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	1,178	342	303	0	1,823
<b>Total:</b>	0	0	0	0	1,178	342	303	0	1,823
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	1,178	342	303	0	1,823
<b>Total*:</b>	0	0	0	0	1,178	342	303	0	1,823
<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	119	1,400	303	0	1,822
<b>Total:</b>		0	0	0	119	1,400	303	0	1,822

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Diablo Powerhouse - Control and Power Cabling Replacement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	6363	<b>End Date:</b>	Q3/2015
<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. When completed, this work will reduce troubleshooting time spent tracing ground faults; ease installation of future circuits and equipment; and make maintenance more efficient on generators providing 9 percent of City Light's generating capacity.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	385	390	0	775
<b>Total:</b>	0	0	0	0	0	385	390	0	775
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	385	390	0	775
<b>Total*:</b>	0	0	0	0	0	385	390	0	775
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Diablo Powerhouse - Crane Wheel Replacements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	6471	<b>End Date:</b>	Q1/2011
<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

A 300-ton bridge crane was installed as part of the original construction of the Diablo Powerhouse in the 1930's. This project replaces the worn wheels on the crane with new ones.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	499	69	0	0	0	0	0	568
<b>Total:</b>	0	499	69	0	0	0	0	0	568
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	499	69	0	0	0	0	0	568
<b>Total*:</b>	0	499	69	0	0	0	0	0	568
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Diablo Powerhouse - DC Lighting Systems Upgrade

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6365	<b>End Date:</b>	Q1/2014
<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. The project includes replacement of Powerhouse Hall AC lighting system with more energy-efficient systems.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	328	0	0	238	21	0	0	587
<b>Total:</b>	0	328	0	0	238	21	0	0	587
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	328	0	0	238	21	0	0	587
<b>Total*:</b>	0	328	0	0	238	21	0	0	587
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

### 2011 - 2016 Adopted Capital Improvement Program

**Seattle City Light**

**Diablo Powerhouse - Rebuild Generator Unit 31**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6422	<b>End Date:</b>	Q2/2015
<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 is part of the Utility's Generator Rebuild Program. The program rebuilds ten generators (accounting for 70 percent of City Light's generating capability). This project rebuilds Generator 31 at Diablo Powerhouse. This generator provides 4.4 percent of the total power SCL generates.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	6,816	1,088	531	0	8,435
<b>Total:</b>	0	0	0	0	6,816	1,088	531	0	8,435
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	6,816	1,088	531	0	8,435
<b>Total*:</b>	0	0	0	0	6,816	1,088	531	0	8,435
<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	1,481	6,423	531	0	8,435
<b>Total:</b>		0	0	0	1,481	6,423	531	0	8,435

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

**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Diablo Powerhouse - Rebuild Generator Unit 32

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	6423	<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 is part of the Utility's Generator Rebuild Program. The program rebuilds ten generators (accounting for 70 percent of City Light's generating capability) by the end of 2013 with closeout in 2014. This project rebuilds Generator 32 at Diablo Powerhouse.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	6,874	1,017	0	0	0	7,891
<b>Total:</b>	0	0	0	6,874	1,017	0	0	0	7,891
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	6,874	1,017	0	0	0	7,891
<b>Total*:</b>	0	0	0	6,874	1,017	0	0	0	7,891
<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	1,481	6,410	0	0	0	7,891
<b>Total:</b>		0	0	1,481	6,410	0	0	0	7,891

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Diablo Powerhouse - Replace 5 kV Switchgear

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6364	<b>End Date:</b>	Q2/2011
<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 5 kV switchgear in the Diablo Powerhouse with a new 5 kV switchgear system. This project enhances switching capability, provides protective relaying, and replaces aging high-voltage circuit breakers and will increase system reliability.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,934	431	737	0	0	0	0	0	7,102
<b>Total:</b>	5,934	431	737	0	0	0	0	0	7,102
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,934	431	737	0	0	0	0	0	7,102
<b>Total*:</b>	5,934	431	737	0	0	0	0	0	7,102
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Diablo Powerhouse - Replace Units 31-32 Governors

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	6366	<b>End Date:</b>	Q1/2016
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the governors on Generator Units 31 and 32. The governor is the part of the turbine/generator that controls the amount of water going through the turbine, thereby controlling the amount of power generated. Replacement of the governors will help ensure system reliability.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	116	672	389	63	66	1,306
<b>Total:</b>	0	0	0	116	672	389	63	66	1,306
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	116	672	389	63	66	1,306
<b>Total*:</b>	0	0	0	116	672	389	63	66	1,306
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Diablo Powerhouse - Units 31-32 Current-Voltage Instruments

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	6416	<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 upgrades the current and voltage measurement, and control instruments for the main generation units at Diablo Powerhouse by purchasing and installing new potential transformers and current transformers.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	107	121	21	53	0	302
<b>Total:</b>	0	0	0	107	121	21	53	0	302
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	107	121	21	53	0	302
<b>Total*:</b>	0	0	0	107	121	21	53	0	302
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Diablo Powerhouse - Units 31-32 Exciter Replacement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	6492	<b>End Date:</b>	Q3/2013
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	52	48	283	50	0	0	0	433
<b>Total:</b>	0	52	48	283	50	0	0	0	433
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	52	48	283	50	0	0	0	433
<b>Total*:</b>	0	52	48	283	50	0	0	0	433
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Diablo Switchyard - Controls for Breakers and Switches

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6417	<b>End Date:</b>	Q3/2014
<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, in order to provide remote control operations of the switchyard breakers and the three Bothell line disconnect switches.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	29	0	0	0	117	125	0	0	271
<b>Total:</b>	29	0	0	0	117	125	0	0	271
<b>Fund Appropriations/Allocations</b>									
City Light Fund	29	0	0	0	117	125	0	0	271
<b>Total*:</b>	29	0	0	0	117	125	0	0	271
<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.*

### 2011 - 2016 Adopted Capital Improvement Program



**Diablo Water System Improvements**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	6304	<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 a deteriorated well in order to avoid an unplanned interruption in the water supply. A new well be drilled and installed near the existing well, which will be decommissioned. The existing well had recharge problems in 1989 and 1994 in part due to severe corrosion of the well casing and screen. A video inspection in 1994 revealed corrosion beyond rehabilitation. In 1994, the well was estimated to have a useful life of approximately 10 years.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	285	0	0	0	38	0	0	0	323
<b>Total:</b>	285	0	0	0	38	0	0	0	323
<b>Fund Appropriations/Allocations</b>									
City Light Fund	285	0	0	0	38	0	0	0	323
<b>Total*:</b>	285	0	0	0	38	0	0	0	323
<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.*

# Seattle City Light

## Distribution Area Communications Networks

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9307	<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 installs fiber cable and equipment to all City Light dams, substations and service centers to create a secure, reliable, fast and redundant digital communications system for operations command and control. The fiber infrastructure provides a secure path for power distribution system control and dispatch, Energy Management System data, and other City Light communications. This project also supports Substation Automation, Distribution Automation, Distributed Generation, and automated meter reading projects.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9,710	1,686	1,760	2,177	1,220	462	473	458	17,946
<b>Total:</b>	9,710	1,686	1,760	2,177	1,220	462	473	458	17,946
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,710	1,686	1,760	2,177	1,220	462	473	458	17,946
<b>Total*:</b>	9,710	1,686	1,760	2,177	1,220	462	473	458	17,946
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Distribution Automation

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	8425	<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>	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 which are able 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	535	3,241	3,296	3,373	35	10,480
<b>Total:</b>	0	0	0	535	3,241	3,296	3,373	35	10,480
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	535	3,241	3,296	3,373	35	10,480
<b>Total*:</b>	0	0	0	535	3,241	3,296	3,373	35	10,480
<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	535	3,241	2,484	2,523	1,695	10,478
<b>Total:</b>		0	0	535	3,241	2,484	2,523	1,695	10,478

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## East Pine Substation - Transformer Replacements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	7811	<b>End Date:</b>	Q4/2018
<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 reviews and replaces as needed one substation power transformer. Based on a review of dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and fault-interrupting history, the transformers with the highest failure risk, or those presenting substation capacity limits, are replaced.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	3,106	3,106
<b>Total:</b>	0	0	0	0	0	0	0	3,106	3,106
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	3,106	3,106
<b>Total*:</b>	0	0	0	0	0	0	0	3,106	3,106
<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	554	554
<b>Total:</b>		0	0	0	0	0	0	554	554

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### 2011 - 2016 Adopted Capital Improvement Program

**Emergency Command and Control Center**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	9225	<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>	North	<b>Urban Village:</b>	Aurora-Licton

This project remodels the 2nd floor of the North Service Center to set up and house all necessary control center business and communication equipment. The Back-Up Control Center is expected to go into operation immediately should an emergency occur and be available around the clock. Seattle City Light plans to install wired workstations with equipment and applications that are routinely tested by operational personnel who have been trained on the actual equipment they will be expected to use during an emergency. The renovation may include two secure office spaces large enough to accommodate five dispatch workstations with computer, monitor and software licenses and three computer/software support workstations. Other aspects of the tenant improvement may include, but are not limited to HVAC upgrades to the server room and renovated office spaces, new or rerouted secure communications, TV and network cabling, the purchase of office furniture, new door locks, card readers and controllers.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	504	0	0	0	0	0	504
<b>Total:</b>	0	0	504	0	0	0	0	0	504
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	504	0	0	0	0	0	504
<b>Total*:</b>	0	0	504	0	0	0	0	0	504
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Endangered Species Act Mitigation

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<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 by implementing the Endangered Species Program for recovery of listed fish species that are potentially affected by City Light projects. The project scope includes land purchase, restoration, assessment, and management.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,885	1,759	982	1,024	1,117	1,141	1,168	1,197	16,273
<b>Total:</b>	7,885	1,759	982	1,024	1,117	1,141	1,168	1,197	16,273
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7,885	1,759	982	1,024	1,117	1,141	1,168	1,197	16,273
<b>Total*:</b>	7,885	1,759	982	1,024	1,117	1,141	1,168	1,197	16,273
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Energy Conservation**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	9320	<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 installs improvements at SCL facilities to reduce energy consumption. Work is performed at facilities including generation sites, service centers, and substations. With documented savings, some project costs may be recovered from the Bonneville Power Administration.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	736	767	0	0	696	711	372	347	3,629
<b>Total:</b>	736	767	0	0	696	711	372	347	3,629
<b>Fund Appropriations/Allocations</b>									
City Light Fund	736	767	0	0	696	711	372	347	3,629
<b>Total*:</b>	736	767	0	0	696	711	372	347	3,629
<b>O &amp; M Costs (Savings)</b>			(102)	0	0	0	0	0	(102)

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# Seattle City Light

## Energy Management System

<b>BCL/Program Name:</b>	Financial Services - CIP	<b>BCL/Program Code:</b>	SCL550
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9956	<b>End Date:</b>	Q1/2016
<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

City Light's mission critical Energy Management System (EMS) is used to monitor, control, reliably operate, and optimize the performance of its generation and transmission systems. The EMS must operate 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. The project would replace the existing EMS.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	8,622	6,610	5,542	0	20,774
<b>Total:</b>	0	0	0	0	8,622	6,610	5,542	0	20,774
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	8,622	6,610	5,542	0	20,774
<b>Total*:</b>	0	0	0	0	8,622	6,610	5,542	0	20,774
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Energy Trading and Risk Management (ETRM) System

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	9936	<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 acquires and installs Energy Trading and Risk Management (ETRM) software supporting Power Marketing functionality in resource management, credit controls, risk evaluation, settlement and billing. Project implementation allows for trading in more complex and profitable markets.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,789	0	0	0	0	0	0	1,789
<b>Total:</b>	0	1,789	0	0	0	0	0	0	1,789
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,789	0	0	0	0	0	0	1,789
<b>Total*:</b>	0	1,789	0	0	0	0	0	0	1,789
<b>O &amp; M Costs (Savings)</b>			2,515	2,576	3,084	3,162	3,233	0	14,570
<b>Spending Plan by Fund</b>									
City Light Fund		1,789	82	0	0	0	0	0	1,871
<b>Total:</b>		1,789	82	0	0	0	0	0	1,871

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Enterprise Performance Management

<b>BCL/Program Name:</b>	Financial Services - CIP	<b>BCL/Program Code:</b>	SCL550
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	9933	<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 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 Lights programs, in order to create tight links between budgeting and business strategy.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,800	1,752	0	0	0	0	0	0	3,552
<b>Total:</b>	1,800	1,752	0	0	0	0	0	0	3,552
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,800	1,752	0	0	0	0	0	0	3,552
<b>Total*:</b>	1,800	1,752	0	0	0	0	0	0	3,552
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,752	447	0	0	0	0	0	2,199
<b>Total:</b>		1,752	447	0	0	0	0	0	2,199

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Environmental Safeguarding and Remediation of Facilities

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1997
<b>Project ID:</b>	9152	<b>End Date:</b>	Q4/2016
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	666	40	164	45	46	47	48	49	1,105
<b>Total:</b>	666	40	164	45	46	47	48	49	1,105
<b>Fund Appropriations/Allocations</b>									
City Light Fund	666	40	164	45	46	47	48	49	1,105
<b>Total*:</b>	666	40	164	45	46	47	48	49	1,105
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Facilities Infrastructure Improvements**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1997
<b>Project ID:</b>	9156	<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 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,232	53	54	55	56	57	58	60	1,625
<b>Total:</b>	1,232	53	54	55	56	57	58	60	1,625
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,232	53	54	55	56	57	58	60	1,625
<b>Total*:</b>	1,232	53	54	55	56	57	58	60	1,625
<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.*

**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Facilities Regulatory Compliance

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9151	<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 executes legally mandated improvements, and reinforces City Light's leadership position on safety, environmental, and accessibility initiatives. City Light's public facilities, as well as many workspaces, are subject to the regulations outlined in the Americans with Disabilities Act (ADA). Other legally driven projects may include air conditioning retrofits or replacements to eliminate outlawed refrigerants, and hazardous material abatement or containment.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	18	33	34	34	35	36	37	38	265
<b>Total:</b>	18	33	34	34	35	36	37	38	265
<b>Fund Appropriations/Allocations</b>									
City Light Fund	18	33	34	34	35	36	37	38	265
<b>Total*:</b>	18	33	34	34	35	36	37	38	265
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**First Hill - Network**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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 provides a programmatic approach for comprehensive management of underground network assets (electrical and in some cases civil) 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,682	1,228	1,034	1,026	321	328	1,097	1,124	12,840
<b>Total:</b>	6,682	1,228	1,034	1,026	321	328	1,097	1,124	12,840
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,682	1,228	1,034	1,026	321	328	1,097	1,124	12,840
<b>Total*:</b>	6,682	1,228	1,034	1,026	321	328	1,097	1,124	12,840
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Seattle City Light**

**First Hill Connector Streetcar**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	8442	<b>End Date:</b>	Q4/2012
<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 planned streetcar route runs from 2nd and Jackson in the International District/Pioneer Square to Broadway and Denny on Capitol Hill. SDOT has budgeted for regular SCL relocations associated with the project. SCL has budgeted for opportunities for system improvements and to repair existing duct banks identified along this route.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	117	2,135	134	0	0	0	0	2,386
<b>Total:</b>	0	117	2,135	134	0	0	0	0	2,386
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	117	2,135	134	0	0	0	0	2,386
<b>Total*:</b>	0	117	2,135	134	0	0	0	0	2,386
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		117	2,175	134	0	0	0	0	2,426
<b>Total:</b>		117	2,175	134	0	0	0	0	2,426

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**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Generation Federal Reliability Standards Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q4/2007
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,555	1,433	661	475	270	276	283	289	6,242
<b>Total:</b>	2,555	1,433	661	475	270	276	283	289	6,242
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,555	1,433	661	475	270	276	283	289	6,242
<b>Total*:</b>	2,555	1,433	661	475	270	276	283	289	6,242
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



**Gorge Dam - Spillgate Rehabilitation**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	6221	<b>End Date:</b>	Q2/2013
<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

Gorge Dam has two 47-by-50 foot vertical-lift painted steel spillgates that regulate flow during floods. This project monitors, evaluates, and develops a work plan to replace deteriorating bolts securing the various components of the spillgates, makes other structural improvements to enhance structural integrity, and repairs or replaces the deteriorated surface coating.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	44	45	71	48	0	0	0	208
<b>Total:</b>	0	44	45	71	48	0	0	0	208
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	44	45	71	48	0	0	0	208
<b>Total*:</b>	0	44	45	71	48	0	0	0	208
<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.*

**Gorge Facility - Minor Improvements Program**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6404	<b>End Date:</b>	Q4/2012
<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. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. This project covers work specifically related to Gorge Facilities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,671	934	1,051	959	0	0	0	0	4,615
<b>Total:</b>	1,671	934	1,051	959	0	0	0	0	4,615
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,671	934	1,051	959	0	0	0	0	4,615
<b>Total*:</b>	1,671	934	1,051	959	0	0	0	0	4,615
O & M Costs (Savings)			0	0	0	0	0	0	0

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**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Gorge Facility - Second Tunnel Installation

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6302	<b>End Date:</b>	Q2/2016
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,125	1,742	1,382	785	64,942	3,583	4,541	243	79,343
<b>Total:</b>	2,125	1,742	1,382	785	64,942	3,583	4,541	243	79,343
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,125	1,742	1,382	785	64,942	3,583	4,541	243	79,343
<b>Total*:</b>	2,125	1,742	1,382	785	64,942	3,583	4,541	243	79,343
<b>O &amp; M Costs (Savings)</b>			0	690	0	0	0	0	690
<b>Spending Plan by Fund</b>									
City Light Fund		1,742	868	1,299	34,141	34,384	4,541	243	77,218
<b>Total:</b>		1,742	868	1,299	34,141	34,384	4,541	243	77,218

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## 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Gorge Powerhouse - AC/DC System Upgrade

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	6207	<b>End Date:</b>	Q1/2022
<b>Location:</b>	Milepost 121 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces AC and DC distribution panels, control cabling, and power cabling to improve reliability that affects 9.5% of City Light's generating capacity. The project ties DC control and alarm circuits to individual generators and provides AC station service grounding.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	928	58	0	0	1	1	1	1	990
<b>Total:</b>	928	58	0	0	1	1	1	1	990
<b>Fund Appropriations/Allocations</b>									
City Light Fund	928	58	0	0	1	1	1	1	990
<b>Total*:</b>	928	58	0	0	1	1	1	1	990
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Gorge Powerhouse - Control and Power Cabling Replacement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6328	<b>End Date:</b>	Q3/2014
<b>Location:</b>	Milepost 121 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces deteriorating control and power cabling systems within the Gorge Powerhouse with new, higher-capacity cables. When completed, this work will reduce troubleshooting time that is spent tracing ground faults, ease installation of future circuits and equipment, and increase generator availability and energy production on generators providing 9.5% of City Light's generating capacity.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	326	0	0	100	439	0	0	865
<b>Total:</b>	0	326	0	0	100	439	0	0	865
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	326	0	0	100	439	0	0	865
<b>Total*:</b>	0	326	0	0	100	439	0	0	865
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Gorge Powerhouse - Fire Protection Improvements**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	6326	<b>End Date:</b>	Q3/2022
<b>Location:</b>	Milepost 121 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project designs and installs a water spray generator fire suppression system for Generator 24. Piping, valving, nozzles for a water delivery system, and a new control system for detection, alarming, and system initiation are included in the scope of the project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	91	0	0	0	0	73	82	246
<b>Total:</b>	0	91	0	0	0	0	73	82	246
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	91	0	0	0	0	73	82	246
<b>Total*:</b>	0	91	0	0	0	0	73	82	246
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Gorge Powerhouse - Transformer Bank 10 Replacement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	6224	<b>End Date:</b>	Q3/2012
<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, as recommended to ensure reliability and prevent environmental hazards.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	320	124	358	70	0	0	0	0	872
<b>Total:</b>	320	124	358	70	0	0	0	0	872
<b>Fund Appropriations/Allocations</b>									
City Light Fund	320	124	358	70	0	0	0	0	872
<b>Total*:</b>	320	124	358	70	0	0	0	0	872
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Hydroelectric System Remote Control Replacements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	8428	<b>End Date:</b>	Q4/2011
<b>Location:</b>	Multiple locations		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the Remote Computer Operating System (RCOS) and remote terminal units used to support the System Control Center and plant operations. Current units in service are no longer supported and spare parts are limited. The replacement is required for compliance with NERC Cyber Security and Reliability Standards. City Light operates and monitors critical hydro plant infrastructure through the RCOS remote terminal units and system to ensure system reliability.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	160	978	320	0	0	0	0	0	1,458
<b>Total:</b>	160	978	320	0	0	0	0	0	1,458
<b>Fund Appropriations/Allocations</b>									
City Light Fund	160	978	320	0	0	0	0	0	1,458
<b>Total*:</b>	160	978	320	0	0	0	0	0	1,458
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



**Information Technology Infrastructure**

<b>BCL/Program Name:</b>	Financial Services - CIP	<b>BCL/Program Code:</b>	SCL550
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1995
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	35,007	4,393	3,582	3,334	3,137	3,270	3,415	3,568	59,706
<b>Total:</b>	35,007	4,393	3,582	3,334	3,137	3,270	3,415	3,568	59,706
<b>Fund Appropriations/Allocations</b>									
City Light Fund	35,007	4,393	3,582	3,334	3,137	3,270	3,415	3,568	59,706
<b>Total*:</b>	35,007	4,393	3,582	3,334	3,137	3,270	3,415	3,568	59,706
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Integrated Budget System

<b>BCL/Program Name:</b>	Financial Services - CIP	<b>BCL/Program Code:</b>	SCL550
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9955	<b>End Date:</b>	Q4/2014
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

City Light currently uses 4 systems to prepare the Department's budget submittal for Mayor and City Council approval. The existing systems do not provide the flexibility to meet management needs in budget structure and reporting. This project will implement a budget system that would replace the existing City Light budget systems and provide the City Budget Office with the information required for Budget Issue Papers (BIPs) and the City's budgeting software (REM) in an automated process.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	204	505	718	200	1,627
<b>Total:</b>	0	0	0	0	204	505	718	200	1,627
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	204	505	718	200	1,627
<b>Total*:</b>	0	0	0	0	204	505	718	200	1,627
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Ladder Creek Garden - Irrigation and Illumination

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	6234	<b>End Date:</b>	Q4/2011
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides an assured supply of water to Ladder Creek Garden, including an irrigation system and water features, such as pools and fountains. The electrical upgrade provides improved trail and creek lighting in keeping with the historical conditions. This project brings Seattle City Light into compliance with the Skagit FERC license requirements.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,166	743	706	0	0	0	0	0	2,615
<b>Total:</b>	1,166	743	706	0	0	0	0	0	2,615
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,166	743	706	0	0	0	0	0	2,615
<b>Total*:</b>	1,166	743	706	0	0	0	0	0	2,615
<b>O &amp; M Costs (Savings)</b>			11	11	2	3	3	0	30

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

### 2011 - 2016 Adopted Capital Improvement Program

**Lake Forest Park - Feeder Rehabilitation**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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. The project is based on the results of a 2006 engineering survey that determined the specific system rehabilitation requirements to yield a highly reliable and cost effective distribution system. This project services one feeder each year for four years, and includes enhanced levels of tree trimming to support the electrical construction work during and after project completion. Service life for the new system is estimated at 30 years.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,775	1,200	1,243	1,260	0	0	0	0	5,478
<b>Total:</b>	1,775	1,200	1,243	1,260	0	0	0	0	5,478
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,775	1,200	1,243	1,260	0	0	0	0	5,478
<b>Total*:</b>	1,775	1,200	1,243	1,260	0	0	0	0	5,478
<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.*

# Seattle City Light

## Large Overhead and Underground Services

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8365	<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 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. This project also responds to the customer's cost, schedule, and design interests. Most of this related work is billable to the customer.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,475	3,886	3,080	4,148	4,278	3,892	3,984	4,081	30,824
<b>Total:</b>	3,475	3,886	3,080	4,148	4,278	3,892	3,984	4,081	30,824
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,475	3,886	3,080	4,148	4,278	3,892	3,984	4,081	30,824
<b>Total*:</b>	3,475	3,886	3,080	4,148	4,278	3,892	3,984	4,081	30,824
<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.*

# Seattle City Light

## Laurelhurst - Underground Rebuild

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8373	<b>End Date:</b>	Q4/2013
<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 that improves service reliability, customer satisfaction, economic operating efficiencies, and safety. Service reliability improvements are fully realized in 2011 when construction is complete. Service life for the new system is estimated at 40 years.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	353	3,255	1,627	1,673	97	0	0	0	7,005
<b>Total:</b>	353	3,255	1,627	1,673	97	0	0	0	7,005
<b>Fund Appropriations/Allocations</b>									
City Light Fund	353	3,255	1,627	1,673	97	0	0	0	7,005
<b>Total*:</b>	353	3,255	1,627	1,673	97	0	0	0	7,005
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,740	2,263	2,436	97	0	0	0	7,536
<b>Total:</b>		2,740	2,263	2,436	97	0	0	0	7,536

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Lifecycle Asset Management Program

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	9940	<b>End Date:</b>	Q4/2011
<b>Location:</b>	700 5th Avenue		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project designs, develops, and implements hardware and software, and procures tools to facilitate asset inventory and condition assessment record keeping, preventive maintenance, and development of planning and design standards. Implementation of the information technology (data and system) to support the Lifecycle Asset Management Program is contained in 9941, Work and Asset Management System.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	401	633	202	0	0	0	0	0	1,236
<b>Total:</b>	401	633	202	0	0	0	0	0	1,236
<b>Fund Appropriations/Allocations</b>									
City Light Fund	401	633	202	0	0	0	0	0	1,236
<b>Total*:</b>	401	633	202	0	0	0	0	0	1,236
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		633	546	0	0	0	0	0	1,179
<b>Total:</b>		633	546	0	0	0	0	0	1,179

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Major Emergency

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8380	<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 covers unexpected problems with the electrical system that result in repairs of over \$100,000 for any one event. Capital costs that are incurred during any single emergency situation lasting over 48 hours are charged to this project, whether temporary or permanent. Examples are weather related outages such as major wind storms and significant snow fall. This project does not add a body of work, but clarifies the accounting for it. This project differs from the "Minor Emergency" project by the severity of the event on the Seattle City Light electrical system.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	951	836	968	555	153	157	160	164	3,944
<b>Total:</b>	951	836	968	555	153	157	160	164	3,944
<b>Fund Appropriations/Allocations</b>									
City Light Fund	951	836	968	555	153	157	160	164	3,944
<b>Total*:</b>	951	836	968	555	153	157	160	164	3,944
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



**Massachusetts Street Substation - Networks**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8202	<b>End Date:</b>	Q4/2016
<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

This project provides a programmatic approach for comprehensive management of underground network assets (electrical and in some cases civil) serving customers in Pioneer Square and the area bounded by University Street, Third Avenue, Terrace Street, and the Freeway. The project provides sufficient and reliable electrical capacity for the growing power needs of City Light customers. Yearly required work includes feeder balancing, engineering analysis to determine system feeder assignments for new services, and replacement of cables that fail in service. This project also builds new civil and electrical infrastructure as determined by engineering analysis of cable capacity required to meet near-term customer capacity additions. The project includes 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	10,076	4,306	7,693	5,433	4,290	4,384	4,488	4,597	45,267
<b>Total:</b>	10,076	4,306	7,693	5,433	4,290	4,384	4,488	4,597	45,267
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,076	4,306	7,693	5,433	4,290	4,384	4,488	4,597	45,267
<b>Total*:</b>	10,076	4,306	7,693	5,433	4,290	4,384	4,488	4,597	45,267
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Massachusetts Street Substation - Transformer Replacements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	7810	<b>End Date:</b>	Q4/2018
<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 reviews and replaces as needed two substation power transformers. Based on a review of dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and fault-interrupting history, the transformers with the highest failure risk, or those presenting substation capacity limits, are replaced. These replacements and additions generally take two years overall, with procurement and construction occurring in the first year, and delivery and installation occurring in the second.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	3,034	4,066	7,100
<b>Total:</b>	0	0	0	0	0	0	3,034	4,066	7,100
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	3,034	4,066	7,100
<b>Total*:</b>	0	0	0	0	0	0	3,034	4,066	7,100
<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	542	4,006	4,548
<b>Total:</b>		0	0	0	0	0	542	4,006	4,548

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Medium Overhead and Underground Services

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8366	<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 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. This project also responds to the customer's cost, schedule, and design interests. Most of this related work is billable to the customer.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	28,327	5,895	8,904	9,165	7,019	6,274	6,422	6,579	78,585
<b>Total:</b>	28,327	5,895	8,904	9,165	7,019	6,274	6,422	6,579	78,585
<b>Fund Appropriations/Allocations</b>									
City Light Fund	28,327	5,895	8,904	9,165	7,019	6,274	6,422	6,579	78,585
<b>Total*:</b>	28,327	5,895	8,904	9,165	7,019	6,274	6,422	6,579	78,585
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Mercer Corridor Relocations

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<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

The Seattle Department of Transportation (SDOT) will construct improvements in the Mercer Corridor Area between 2010 and 2013. The Two-way Mercer Corridor Project will widen Mercer Street between I-5 and Dexter Ave North to accommodate three lanes of travel in each direction, parking, sidewalks and a median with left-turn lanes. Valley Street will be narrowed to a two-lane, two-way street. Within the framework of the Mercer Corridor Project as a Complete Streets project the City of Seattle is requiring that SDOT and Seattle City Light (SCL) work together to facilitate the conversion of Seattle City Light's existing 26kV overhead electrical distribution systems and a section of the existing overhead Broad-University 115kV transmission line to an underground configuration.

SCL and SDOT have successfully negotiated for the cost of underground conversion of the BR-UN 115kV transmission line within the Mercer Corridor project boundaries to be provided by private funding.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	536	13,275	1,436	1,564	611	0	0	0	17,422
<b>Total:</b>	536	13,275	1,436	1,564	611	0	0	0	17,422
<b>Fund Appropriations/Allocations</b>									
City Light Fund	536	13,275	1,436	1,564	611	0	0	0	17,422
<b>Total*:</b>	536	13,275	1,436	1,564	611	0	0	0	17,422
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		13,275	6,033	4,699	1,953	0	0	0	25,960
<b>Total:</b>		13,275	6,033	4,699	1,953	0	0	0	25,960

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### 2011 - 2016 Adopted Capital Improvement Program

**Mercer Corridor West Phase Relocations**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	8443	<b>End Date:</b>	Q4/2013
<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 & distribution facilities on the west end of the Mercer Street corridor as part of the Alaskan Way Tunnel project (project 8307). The project calls for four overhead feeders and relocation of underground ducts and vaults. The project includes SCL performing follow-up electrical work in concert with the SDOT managed project and WSDOT's Alaskan Way Viaduct replacement program.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	905	1,749	7,613	5,583	115	0	0	15,965
<b>Total:</b>	0	905	1,749	7,613	5,583	115	0	0	15,965
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	905	1,749	7,613	5,583	115	0	0	15,965
<b>Total*:</b>	0	905	1,749	7,613	5,583	115	0	0	15,965
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		905	1,762	6,835	4,403	2,073	0	0	15,978
<b>Total:</b>		905	1,762	6,835	4,403	2,073	0	0	15,978

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# Seattle City Light

## Meter Additions

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	8054	<b>End Date:</b>	Q4/2017
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides new or replacement meters. This project ensures City Light's generation of accurate customer bills. 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.

	<b>LTD Actuals</b>	<b>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	59,026	3,102	4,755	4,639	8,317	8,347	8,547	8,754	105,487
<b>Total:</b>	59,026	3,102	4,755	4,639	8,317	8,347	8,547	8,754	105,487
<b>Fund Appropriations/Allocations</b>									
City Light Fund	59,026	3,102	4,755	4,639	8,317	8,347	8,547	8,754	105,487
<b>Total*:</b>	59,026	3,102	4,755	4,639	8,317	8,347	8,547	8,754	105,487
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Seattle City Light**

**Meter Reading Software Replacement**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	9953	<b>End Date:</b>	Q1/2013
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

"This project upgrades City Light's aging Itron's Premier Plus 4(P+4) Meter Reading System. Support for the current meter reading system ceases in 2012. The system consists of electronic, handheld meter reading units used by the meter readers to record a customer's energy use information and a software system which interfaces with the handheld units and the CCSS Billing System. Upgrading City Light's Meter Reading System increases system stability and reliability, while enhancing accurate and timely customer billing.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	607	600	0	0	0	0	1,207
<b>Total:</b>	0	0	607	600	0	0	0	0	1,207
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	607	600	0	0	0	0	1,207
<b>Total*:</b>	0	0	607	600	0	0	0	0	1,207
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Miscellaneous Building Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	9007	<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 capitalizes on emergent opportunities to make improvements to City Light's buildings and facilities, including improvements that protect employees and customers from health and safety hazards or meet safety and health code requirements. The project also provides for cost effective asset preservation measures, the need for which had not been previously foreseen. Two examples of previous projects are replacement of the Bothell Substation Control Building roof that unexpectedly failed, and the replacement of batteries on the System Control Center back up power system.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,666	77	0	0	168	266	83	85	14,345
<b>Total:</b>	13,666	77	0	0	168	266	83	85	14,345
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,666	77	0	0	168	266	83	85	14,345
<b>Total*:</b>	13,666	77	0	0	168	266	83	85	14,345
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Mobile Workforce Implementation

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	8429	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	1,179	1,279	1,360	0	0	3,818
<b>Total:</b>	0	0	0	1,179	1,279	1,360	0	0	3,818
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	1,179	1,279	1,360	0	0	3,818
<b>Total*:</b>	0	0	0	1,179	1,279	1,360	0	0	3,818
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Neighborhood Cable Injection Program

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	8440	<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>	In more than one Urban Village

Numerous Seattle neighborhoods have old direct buried electrical cables that frequently fail or are in danger of failure and need to be replaced or rehabilitated. This project rejuvenates old cable by injecting an approved silica type fluid that extends the life of the existing stranded power cables. It is the most cost-effective and least disruptive way to provide service to customers.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	5,461	6,036	6,026	5,435	5,554	5,685	5,823	40,020
<b>Total:</b>	0	5,461	6,036	6,026	5,435	5,554	5,685	5,823	40,020
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	5,461	6,036	6,026	5,435	5,554	5,685	5,823	40,020
<b>Total*:</b>	0	5,461	6,036	6,026	5,435	5,554	5,685	5,823	40,020
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,221	5,731	5,978	5,381	5,496	5,621	5,756	37,184
<b>Total:</b>		3,221	5,731	5,978	5,381	5,496	5,621	5,756	37,184

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Neighborhood Voluntary Undergrounding Program

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8383	<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 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. City Light has provided this VUP service since 1986 when the City enacted Ordinance 112738.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	258	497	135	138	293	476	487	498	2,782
<b>Total:</b>	258	497	135	138	293	476	487	498	2,782
<b>Fund Appropriations/Allocations</b>									
City Light Fund	258	497	135	138	293	476	487	498	2,782
<b>Total*:</b>	258	497	135	138	293	476	487	498	2,782
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		497	285	296	466	476	487	498	3,005
<b>Total:</b>		497	285	296	466	476	487	498	3,005

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Network Additions and Services: Broad Street Substation

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8363	<b>End Date:</b>	Q4/2016
<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. This program fluctuates with land use development. Service connections are classified as Large, Medium, Small and New Large Load services.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	16,675	7,541	3,667	3,843	4,799	4,905	5,020	5,143	51,593
<b>Total:</b>	16,675	7,541	3,667	3,843	4,799	4,905	5,020	5,143	51,593
<b>Fund Appropriations/Allocations</b>									
City Light Fund	16,675	7,541	3,667	3,843	4,799	4,905	5,020	5,143	51,593
<b>Total*:</b>	16,675	7,541	3,667	3,843	4,799	4,905	5,020	5,143	51,593
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Network Additions and Svcs: First Hill, Mass, Union & Univer

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8364	<b>End Date:</b>	Q4/2016
<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. This program fluctuates with land use development. Service connections are classified as Large, Medium, Small and New Large Load services.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	20,629	5,604	4,306	3,743	3,733	3,815	3,905	4,000	49,735
<b>Total:</b>	20,629	5,604	4,306	3,743	3,733	3,815	3,905	4,000	49,735
<b>Fund Appropriations/Allocations</b>									
City Light Fund	20,629	5,604	4,306	3,743	3,733	3,815	3,905	4,000	49,735
<b>Total*:</b>	20,629	5,604	4,306	3,743	3,733	3,815	3,905	4,000	49,735
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Network Geographic Information Systems

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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

The NetGIS maintains spatially referenced civil and electrical infrastructure data of Seattle City Light's Network Distribution System (feeding Downtown, First Hill and the University District). This data is critical in the day to day work of designing, maintaining and operating the Network system. This NetGIS Tech Migration project seeks to move the software environment used to maintain these data off of an obsolete, custom coded, legacy application environment, and into a more sustainable, more out-of-the-box, application environment.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	75	73	772	819	98	0	0	0	1,837
<b>Total:</b>	75	73	772	819	98	0	0	0	1,837
<b>Fund Appropriations/Allocations</b>									
City Light Fund	75	73	772	819	98	0	0	0	1,837
<b>Total*:</b>	75	73	772	819	98	0	0	0	1,837
<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.*

# Seattle City Light

## Network Hazeltine Upgrade

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1995
<b>Project ID:</b>	8129	<b>End Date:</b>	Q4/2015
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades City Light's remote vault monitoring capability. This project increases reliability through upgrades to the Hazeltine system. When abnormal conditions occur, the transmitter sends an alarm within 30 seconds to the System Control Center, thus avoiding serious and expensive equipment problems while maintaining reliability for the customers.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,764	705	473	634	647	661	680	0	7,564
<b>Total:</b>	3,764	705	473	634	647	661	680	0	7,564
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,764	705	473	634	647	661	680	0	7,564
<b>Total*:</b>	3,764	705	473	634	647	661	680	0	7,564
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Network Maintenance Hole and Vault Rebuild

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1993
<b>Project ID:</b>	8130	<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 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 allows for reliable and safe electrical service to The Network has 1,470 manholes/vaults. 78 manholes/vaults need to be completely rebuilt and 350 underground right-of-way facilities require roof rebuilds. Meters and 2,800 old clay tile electrical ducts also require replacement. This project reduces the large backlog of decrepit electrical facilities and the hazards to City Light crews and the public.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	40,692	4,980	5,452	4,354	3,231	3,302	3,380	3,463	68,854
<b>Total:</b>	40,692	4,980	5,452	4,354	3,231	3,302	3,380	3,463	68,854
<b>Fund Appropriations/Allocations</b>									
City Light Fund	40,692	4,980	5,452	4,354	3,231	3,302	3,380	3,463	68,854
<b>Total*:</b>	40,692	4,980	5,452	4,354	3,231	3,302	3,380	3,463	68,854
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Newhalem - Garage Revisions**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	6231	<b>End Date:</b>	Q2/2012
<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 modifies the existing garage arrangements to adapt them to current use requirements, including increasing size, installing concrete floors, and adding 115V interior lighting and outlets. In addition, access to the garages is changed to adapt to landscape improvements built in 2000, consistent with the Master Landscape Plan required by City Light's Federal Energy Regulatory Commission license.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	153	129	0	0	0	0	282
<b>Total:</b>	0	0	153	129	0	0	0	0	282
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	153	129	0	0	0	0	282
<b>Total*:</b>	0	0	153	129	0	0	0	0	282
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Newhalem - Shop Facilities and Equipment Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6424	<b>End Date:</b>	Q3/2016
<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 expands the Newhalem machine shop into the space occupied by the existing tire shop, extends the entire shops building to allow relocation of the tire shop, constructs an overhead crane for the machine shop, modifies the crane in the steel shop, and remodels the sandblast building garages at Newhalem.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	139	82	71	91	383
<b>Total:</b>	0	0	0	0	139	82	71	91	383
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	139	82	71	91	383
<b>Total*:</b>	0	0	0	0	139	82	71	91	383
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Normal Emergency

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8379	<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 covers unexpected problems with the electrical system that result in necessary repairs that cost over \$5,000. Capital costs incurred during any single emergency situation that lasts less than 48 hours are charged to this project, whether temporary or permanent. Examples include outages related to weather, such as lightning storms and brief wind storms. This project differs from the "Major Emergency" project by the severity of the event's impact on the Seattle City Light electrical system.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,817	531	563	577	383	391	401	410	5,073
<b>Total:</b>	1,817	531	563	577	383	391	401	410	5,073
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,817	531	563	577	383	391	401	410	5,073
<b>Total*:</b>	1,817	531	563	577	383	391	401	410	5,073
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## North and South Service Center Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1991
<b>Project ID:</b>	9107	<b>End Date:</b>	Q4/2016
<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 improves office, shop, and storage areas in the North and South Service Centers to increase efficiency, productivity, and optimal use of space. The facilities project plan often packages a group of projects in one area of the facility to "touch" the space only once and minimize disruption. An example would be the first floor South Service Center Warehouse, where the plan included space redesign, new storage equipment, new office and support areas, painting, lighting, and heating improvements.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	24,909	613	523	182	1,247	1,273	1,115	810	30,672
<b>Total:</b>	24,909	613	523	182	1,247	1,273	1,115	810	30,672
<b>Fund Appropriations/Allocations</b>									
City Light Fund	24,909	613	523	182	1,247	1,273	1,115	810	30,672
<b>Total*:</b>	24,909	613	523	182	1,247	1,273	1,115	810	30,672
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

## 2011 - 2016 Adopted Capital Improvement Program

**North Downtown Substation Development**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	7757	<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 designs and builds a 200 MVA substation in the North Downtown to meet load growth, and support development of an underground network. Work includes site acquisition. This project is related to two other projects in the CIP: Project 8404, North Downtown System Network, will construct the network that links the customers to the substation; and Project 8405, North Downtown Network Services, will hook up customers, through the network, to the new substation.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	38,912	18,044	0	328	0	0	0	0	57,284
<b>Total:</b>	38,912	18,044	0	328	0	0	0	0	57,284
<b>Fund Appropriations/Allocations</b>									
City Light Fund	38,912	18,044	0	328	0	0	0	0	57,284
<b>Total*:</b>	38,912	18,044	0	328	0	0	0	0	57,284
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		18,044	6,237	1,847	0	0	0	0	26,128
<b>Total:</b>		18,044	6,237	1,847	0	0	0	0	26,128

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

# Seattle City Light

## North Service Center Expansion

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<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 will acquire property abutting City Light's North Service Center that is being offered for sale by the University of Washington and will provide improvements to make this property usable for City Light operations. The North Service Center is badly overcrowded.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	550	1,123	0	0	0	0	1,673
<b>Total:</b>	0	0	550	1,123	0	0	0	0	1,673
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	550	1,123	0	0	0	0	1,673
<b>Total*:</b>	0	0	550	1,123	0	0	0	0	1,673
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## North Substation Transformer Replacements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	7777	<b>End Date:</b>	Q1/2014
<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 reviews and replaces as needed two substation power transformers. Based on a review of dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and fault-interrupting history, the transformers with the highest failure risk, or those presenting substation capacity limits, are replaced.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	81	2,778	2,779	3,657	847	50	0	0	10,192
<b>Total:</b>	81	2,778	2,779	3,657	847	50	0	0	10,192
<b>Fund Appropriations/Allocations</b>									
City Light Fund	81	2,778	2,779	3,657	847	50	0	0	10,192
<b>Total*:</b>	81	2,778	2,779	3,657	847	50	0	0	10,192
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,778	489	1,323	3,137	2,384	0	0	10,111
<b>Total:</b>		2,778	489	1,323	3,137	2,384	0	0	10,111

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

# Seattle City Light

## Office Furniture and Equipment Purchase

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	9103	<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 provides office equipment and furniture costing more than \$5,000 each. Modular office workstations, conference room ensemble furniture, and major office machines acquired under this program furnish newly created or modified space under the Workplace and Process Improvement program, and replace aging office furnishings.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	25,632	11	0	0	11	12	12	12	25,690
<b>Total:</b>	25,632	11	0	0	11	12	12	12	25,690
<b>Fund Appropriations/Allocations</b>									
City Light Fund	25,632	11	0	0	11	12	12	12	25,690
<b>Total*:</b>	25,632	11	0	0	11	12	12	12	25,690
<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.*

### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Outage Management System Configuration and Implementation

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,272	4,867	518	0	0	0	0	0	9,657
<b>Total:</b>	4,272	4,867	518	0	0	0	0	0	9,657
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,272	4,867	518	0	0	0	0	0	9,657
<b>Total*:</b>	4,272	4,867	518	0	0	0	0	0	9,657
<b>O &amp; M Costs (Savings)</b>			259	278	102	0	0	0	639

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Overhead 26kV Conversion

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8358	<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 replaces the 4 kV electrical equipment remaining in the electrical distribution system with new, efficient and reliable 26 kV distribution equipment. This project increases capacity to deliver power to City Light customers, rebuilds and maintains the backbone of City Light's system, saves energy by reducing transformer and line losses, improves quality and reliability of service to customers, and releases unit substation properties for better neighborhood uses.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,654	3,806	2,230	2,210	2,213	4,224	4,324	4,429	26,090
<b>Total:</b>	2,654	3,806	2,230	2,210	2,213	4,224	4,324	4,429	26,090
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,654	3,806	2,230	2,210	2,213	4,224	4,324	4,429	26,090
<b>Total*:</b>	2,654	3,806	2,230	2,210	2,213	4,224	4,324	4,429	26,090
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Overhead Customer Driven Capacity Additions

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8355	<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 provides electrical lines from substations to customers' property lines so that City Light has sufficient capacity to serve its customers and maintain reliability. 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,894	3,985	3,505	3,555	2,688	2,139	2,189	2,243	34,198
<b>Total:</b>	13,894	3,985	3,505	3,555	2,688	2,139	2,189	2,243	34,198
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,894	3,985	3,505	3,555	2,688	2,139	2,189	2,243	34,198
<b>Total*:</b>	13,894	3,985	3,505	3,555	2,688	2,139	2,189	2,243	34,198
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Overhead Equipment Replacements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8351	<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 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 work improves system reliability by reducing the chances of unplanned outages on the system.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	12,407	4,895	1,150	1,099	971	5,464	5,593	5,729	37,308
<b>Total:</b>	12,407	4,895	1,150	1,099	971	5,464	5,593	5,729	37,308
<b>Fund Appropriations/Allocations</b>									
City Light Fund	12,407	4,895	1,150	1,099	971	5,464	5,593	5,729	37,308
<b>Total*:</b>	12,407	4,895	1,150	1,099	971	5,464	5,593	5,729	37,308
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Overhead Outage Replacements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8350	<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 supports the capitalized portion of work resulting from unplanned, non-emergency, overhead outages to ensure that customers' electric power is restored as quickly as possible. These outages result from events, such as storms, accidents, and equipment failures. Replacement includes permanent storm repairs, and construction of new infrastructure to bypass failing equipment. Pole and transformer replacements that are required to restore power are among the elements capitalized during such repairs. The project budget includes travel, meals, and other costs for visits to generation facilities to make needed repairs.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,394	343	372	250	213	205	210	179	4,166
<b>Total:</b>	2,394	343	372	250	213	205	210	179	4,166
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,394	343	372	250	213	205	210	179	4,166
<b>Total*:</b>	2,394	343	372	250	213	205	210	179	4,166
O & M Costs (Savings)			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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Overhead System Capacity Additions

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8356	<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 provides electrical lines from substations to customers' property lines so that City Light has sufficient capacity to serve its customers and maintain reliability. 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. The project includes labor and materials to remove old components, renovate existing components, and install new components. The project budget includes travel costs to visit generation facilities needing distribution system renovations, and to visit vendors for equipment inspection and operational testing prior to delivery.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	10,661	2,470	2,241	3,421	3,503	2,608	2,670	2,735	30,309
<b>Total:</b>	10,661	2,470	2,241	3,421	3,503	2,608	2,670	2,735	30,309
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,661	2,470	2,241	3,421	3,503	2,608	2,670	2,735	30,309
<b>Total*:</b>	10,661	2,470	2,241	3,421	3,503	2,608	2,670	2,735	30,309
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**PC, Windows, Software Upgrades**

<b>BCL/Program Name:</b>	Financial Services - CIP	<b>BCL/Program Code:</b>	SCL550
<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.
- Replace Novell ZENworks with Microsoft System Center Configuration Manager.

	<b>LTD Actuals</b>	<b>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	2,073	4,779	0	0	0	0	6,852
<b>Total:</b>	0	0	2,073	4,779	0	0	0	0	6,852
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	2,073	4,779	0	0	0	0	6,852
<b>Total*:</b>	0	0	2,073	4,779	0	0	0	0	6,852
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

# Seattle City Light

## Pole Attachment Requests Preparation Work

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	8452	<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

Private communication entities (e.g. cell phone companies) regularly make requests of City Light for attachment of their equipment to SCL-owned poles. City Light is legally obligated 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. This proposal permits utility crews and engineers to complete all needed work to prepare the pole for the attachment(s) and wireless site construction. Completion of this work is also important because each pole attachment and wireless facility provides an additional annual revenue source to City Light in addition to the fully reimbursable construction charges.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1,357	1,484	1,747	2,077	2,526	3,097	12,288
<b>Total:</b>	0	0	1,357	1,484	1,747	2,077	2,526	3,097	12,288
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	1,357	1,484	1,747	2,077	2,526	3,097	12,288
<b>Total*:</b>	0	0	1,357	1,484	1,747	2,077	2,526	3,097	12,288
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Power Stations Demand Driven Improvements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7755	<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 enables City Light to perform cooperative work on shared lines and systems that other electrical utilities in the region periodically ask of City Light. The majority of the requests come from the Bonneville Power Administration (BPA), Puget Sound Energy (PSE), or Snohomish County Public Utility District. In most instances, a contract is signed by both parties and City Light bills the costs to the originating agency.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,530	8	6	6	6	6	6	7	5,575
<b>Total:</b>	5,530	8	6	6	6	6	6	7	5,575
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,530	8	6	6	6	6	6	7	5,575
<b>Total*:</b>	5,530	8	6	6	6	6	6	7	5,575
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Power Stations Oil Containment**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2010
<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 as recommended by City Light's 2006 Spill Prevention Control & Countermeasure (SPCC) Plans, bringing City Light into compliance with regulations of the Clean Water Act (Title 40, Code of Federal Regulations, Part 112). Improvements vary from station to station, and range from providing oil containment facilities where none exist (e.g. Duwamish Substation bus bays), to bringing existing older systems up to current standards (e.g. Bothell Substation unlined sumps under the large transformers and breakers).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	299	136	264	1,323	1,013	994	485	4,514
<b>Total:</b>	0	299	136	264	1,323	1,013	994	485	4,514
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	299	136	264	1,323	1,013	994	485	4,514
<b>Total*:</b>	0	299	136	264	1,323	1,013	994	485	4,514
<b>O &amp; M Costs (Savings)</b>			20	20	20	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.*

# Seattle City Light

## Relaying Improvements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7753	<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 replaces relays, which are protective devices that guard system components when electrical equipment fails. In the event of an equipment failure, a relay senses the problem and opens the circuit flowing to that component and isolates it from the rest of the electrical system. This protects the rest of the distribution system from potentially cascading effects if one part fails to operate properly. This project helps ensure system reliability.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	8,140	2,917	3,272	3,480	3,443	3,883	4,314	3,838	33,287
<b>Total:</b>	8,140	2,917	3,272	3,480	3,443	3,883	4,314	3,838	33,287
<b>Fund Appropriations/Allocations</b>									
City Light Fund	8,140	2,917	3,272	3,480	3,443	3,883	4,314	3,838	33,287
<b>Total*:</b>	8,140	2,917	3,272	3,480	3,443	3,883	4,314	3,838	33,287
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Replace Breakers BPA Covington and Maple Valley Substations

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	546	10	324	26	28	29	30	32	1,025
<b>Total:</b>	546	10	324	26	28	29	30	32	1,025
<b>Fund Appropriations/Allocations</b>									
City Light Fund	546	10	324	26	28	29	30	32	1,025
<b>Total*:</b>	546	10	324	26	28	29	30	32	1,025
<b>O &amp; M Costs (Savings)</b>			416	0	0	0	0	0	416

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Ross Dam - AC/DC Distribution System Upgrade

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6373	<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 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,043	1,028	650	1,068	0	0	0	0	3,789
<b>Total:</b>	1,043	1,028	650	1,068	0	0	0	0	3,789
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,043	1,028	650	1,068	0	0	0	0	3,789
<b>Total*:</b>	1,043	1,028	650	1,068	0	0	0	0	3,789
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Ross Facility - Minor Improvements Program

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<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. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. This project covers work specifically related to Ross Facilities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,183	660	451	890	0	0	0	0	5,184
<b>Total:</b>	3,183	660	451	890	0	0	0	0	5,184
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,183	660	451	890	0	0	0	0	5,184
<b>Total*:</b>	3,183	660	451	890	0	0	0	0	5,184
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Ross Powerhouse - Fire Protection Systems Modification

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1993
<b>Project ID:</b>	6166	<b>End Date:</b>	Q4/2013
<b>Location:</b>	Milepost 128 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides a water spray generator fire suppression system for Generators 41-44, with installation coinciding with the generator rebuilds. The project replaces the existing carbon dioxide (CO2) system, and improves the sensing, controls, and alarms. The project scope includes design and installation of a water delivery system and a new control system for fire detection, alarming, and suppression. This project is consistent with a 2003 SCL engineering report which recommended conversion of generator fire suppression systems from CO2 to water spray.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,180	361	0	0	351	0	0	0	2,892
<b>Total:</b>	2,180	361	0	0	351	0	0	0	2,892
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,180	361	0	0	351	0	0	0	2,892
<b>Total*:</b>	2,180	361	0	0	351	0	0	0	2,892
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Ross Powerhouse - Governors Replacement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1998
<b>Project ID:</b>	6205	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Milepost 128 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces governors which will provide improved automatic signal processing and information management to Powerhouse operators and the Power Management Branch to reduce downtime and maximize power generation in 22% of City Light's generating capacity. Governor replacement will improve safety, simplify lockout/tagout procedures, reduce maintenance, and provide sequence-of-alarm information for reduced outage and troubleshooting. The new digital technology also provides networking compatibility to support future information management objectives.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	555	0	0	724	637	152	0	0	2,068
<b>Total:</b>	555	0	0	724	637	152	0	0	2,068
<b>Fund Appropriations/Allocations</b>									
City Light Fund	555	0	0	724	637	152	0	0	2,068
<b>Total*:</b>	555	0	0	724	637	152	0	0	2,068
<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.*

### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Ross Powerhouse - Programmable Language Controller Upgrade

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	6376	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Milepost 128 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the five Ross Dam Powerhouse Programmable Logic Controllers (PLC). There is one PLC for each of the four generator units, and a fifth PLC monitoring other critical powerhouse equipment. The project improves City Light's ability to make programming enhancements commensurate with operational and regulatory needs, and assure comprehensive and correct documentation and delivers a 24VDC system that eliminates the need of LOTO (Lock-Out/Tag-Out) safety procedures. It provides redundancy which yields the ability to perform remote start-stop and other control functions of the generators.

		LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		0	0	0	0	187	345	293	0	825
<b>Total:</b>		0	0	0	0	187	345	293	0	825
<b>Fund Appropriations/Allocations</b>										
City Light Fund		0	0	0	0	187	345	293	0	825
<b>Total*:</b>		0	0	0	0	187	345	293	0	825
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Ross Powerhouse - Replace Governor Oil Pumps

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6377	<b>End Date:</b>	Q1/2015
<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. Each unit requires two pumps with motors, valves, switches, and control circuits. The governors are vital to control each machine's waterflow in response to the electrical load demand. Replacement of the governor oil pump systems will help ensure reliable operation for another 20-30 years.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	109	683	42	0	834
<b>Total:</b>	0	0	0	0	109	683	42	0	834
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	109	683	42	0	834
<b>Total*:</b>	0	0	0	0	109	683	42	0	834
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Ross Powerhouse - Storage Building

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6456	<b>End Date:</b>	Q2/2015
<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 designs and erects a 1,500 square foot, heated and ventilated storage building at Ross Powerhouse, enabling storage of critical spare parts near the powerhouse, and freeing up work space in the powerhouse.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	441	164	0	605
<b>Total:</b>	0	0	0	0	0	441	164	0	605
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	441	164	0	605
<b>Total*:</b>	0	0	0	0	0	441	164	0	605
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Ross Rock Slide Area Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<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, where these services have been disrupted due to a significant rock slide on March 14, 2010. The project stabilizes the rock slope, re-establishes a road between Ross Powerhouse and Ross Dam, reconstructs ramps, docks, and loading areas on Diablo Reservoir for Ross Powerhouse, Dam, and Ross Lake access. The project includes both design and construction.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	2,656	1,381	0	0	0	0	4,037
<b>Total:</b>	0	0	2,656	1,381	0	0	0	0	4,037
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	2,656	1,381	0	0	0	0	4,037
<b>Total*:</b>	0	0	2,656	1,381	0	0	0	0	4,037
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Safety Modifications

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	9006	<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 modifies City Light's facilities and provides equipment to protect employees and customers from health and safety hazards, and to meet safety and health code requirements.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,336	222	229	234	239	244	250	256	5,010
<b>Total:</b>	3,336	222	229	234	239	244	250	256	5,010
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,336	222	229	234	239	244	250	256	5,010
<b>Total*:</b>	3,336	222	229	234	239	244	250	256	5,010
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## SeaTac Future Undergrounding

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	8454	<b>End Date:</b>	Q4/2016
<b>Location:</b>	SeaTac		
<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 Seattle City Light's electrical distribution system with an underground electrical distribution system in the SeaTac Area. The costs will be paid by the City of SeaTac.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	1,058	1,082	0	0	2,140
<b>Total:</b>	0	0	0	0	1,058	1,082	0	0	2,140
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	1,058	1,082	0	0	2,140
<b>Total*:</b>	0	0	0	0	1,058	1,082	0	0	2,140
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## SeaTac Undergrounding

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	8444	<b>End Date:</b>	Q4/2011
<b>Location:</b>	S. 154th St / 24th Ave S./S. 154th St / 32nd Ave S.		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces Seattle City Light's electrical distribution system with an underground electrical distribution system along on South 154th Street between 24th Avenue South & 32nd Avenue South in the SeaTac Area. The costs will be paid for by the City of SeaTac as part of the project cost for the road widening project which precipitated this OH to UG conversion.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1	1,631	489	0	0	0	0	0	2,121
<b>Total:</b>	1	1,631	489	0	0	0	0	0	2,121
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1	1,631	489	0	0	0	0	0	2,121
<b>Total*:</b>	1	1,631	489	0	0	0	0	0	2,121
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,631	1,541	0	0	0	0	0	3,172
<b>Total:</b>		1,631	1,541	0	0	0	0	0	3,172

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Security Improvements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	9202	<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 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.

	<b>LTD Actuals</b>	<b>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	12,216	3,182	809	921	2,080	2,060	2,108	2,160	25,536
<b>Total:</b>	12,216	3,182	809	921	2,080	2,060	2,108	2,160	25,536
<b>Fund Appropriations/Allocations</b>									
City Light Fund	12,216	3,182	809	921	2,080	2,060	2,108	2,160	25,536
<b>Total*:</b>	12,216	3,182	809	921	2,080	2,060	2,108	2,160	25,536
<b>O &amp; M Costs (Savings)</b>			4,592	4,789	4,909	0	0	0	14,290

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### 2011 - 2016 Adopted Capital Improvement Program



**Seismic Mitigation**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1996
<b>Project ID:</b>	9134	<b>End Date:</b>	Q4/2016
<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. Facility seismic improvements protect City Light's assets, employees, customers, visitors, equipment, and materials. The scope of improvements is linked to the business conducted at designated sites and the requirements of each site during emergency conditions.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,567	29	0	0	58	59	32	33	4,778
<b>Total:</b>	4,567	29	0	0	58	59	32	33	4,778
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,567	29	0	0	58	59	32	33	4,778
<b>Total*:</b>	4,567	29	0	0	58	59	32	33	4,778
<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.*

# Seattle City Light

## Shoreline Future Undergrounding

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	8453	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Shoreline		
<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 converts overhead distribution circuits to underground in the City of Shoreline. The work is subject to the franchise agreement between Shoreline and City Light.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	2,117	2,163	0	0	4,280
<b>Total:</b>	0	0	0	0	2,117	2,163	0	0	4,280
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	2,117	2,163	0	0	4,280
<b>Total*:</b>	0	0	0	0	2,117	2,163	0	0	4,280
<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.*

# Seattle City Light

## Shoreline Substation - Transformer Replacements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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 reviews three power transformers at Shoreline Substation and determines dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and fault-interrupting history. Transformers with the highest failure risk, or those presenting substation capacity limits, require replacement.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	34	0	0	0	2,902	3,797	3,939	927	11,599
<b>Total:</b>	34	0	0	0	2,902	3,797	3,939	927	11,599
<b>Fund Appropriations/Allocations</b>									
City Light Fund	34	0	0	0	2,902	3,797	3,939	927	11,599
<b>Total*:</b>	34	0	0	0	2,902	3,797	3,939	927	11,599
<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	521	1,364	3,829	3,361	9,075
<b>Total:</b>		0	0	0	521	1,364	3,829	3,361	9,075

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

### 2011 - 2016 Adopted Capital Improvement Program

**Shoreline Undergrounding: Midvale Ave.**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8374	<b>End Date:</b>	Q4/2011
<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 converts approximately 1 block of overhead distribution circuits to underground along Midvale Avenue in the City of Shoreline (Shoreline). Construction of this project along Midvale Avenue runs parallel to the work being done on the Aurora Avenue North undergrounding project in Shoreline. The work is subject to the franchise agreement between Shoreline and City Light.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	10	695	11	0	0	0	0	0	716
<b>Total:</b>	10	695	11	0	0	0	0	0	716
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10	695	11	0	0	0	0	0	716
<b>Total*:</b>	10	695	11	0	0	0	0	0	716
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		695	12	0	0	0	0	0	707
<b>Total:</b>		695	12	0	0	0	0	0	707

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

**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Shoreline Undergrounding: North City and Aurora Avenue North

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	8320	<b>End Date:</b>	Q4/2012
<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 continues with Phases Two and Three of work to convert overhead distribution circuits to underground along Aurora Avenue in the City of Shoreline (Shoreline). The project converts 40 blocks, from North 165th Street to North 205th Street. This electric project is part of a larger Shoreline public works project and is subject to the franchise agreement between Shoreline and City Light.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,141	8,704	5,050	330	0	0	0	0	27,225
<b>Total:</b>	13,141	8,704	5,050	330	0	0	0	0	27,225
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,141	8,704	5,050	330	0	0	0	0	27,225
<b>Total*:</b>	13,141	8,704	5,050	330	0	0	0	0	27,225
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		6,387	6,420	2,595	0	0	0	0	15,402
<b>Total:</b>		6,387	6,420	2,595	0	0	0	0	15,402

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Skagit Facility - Diablo Road Repaving - Learning Center

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6428	<b>End Date:</b>	Q1/2014
<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 repaves the road between Highway 20 and the North Cascades Environmental Learning Center.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	569	34	0	0	603
<b>Total:</b>	0	0	0	0	569	34	0	0	603
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	569	34	0	0	603
<b>Total*:</b>	0	0	0	0	569	34	0	0	603
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

**Seattle City Light**

**Skagit Facility - Diablo Road Repaving - Stettale Creek**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	6473	<b>End Date:</b>	Q4/2017
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the 45 year old road in the Town of Diablo from Stettale Creek to the Cookhouse. It strips the existing asphalt surface and subsurface material down to bare earth. It installs entirely new subsurface and asphalt surface material. It complies with current highway safety and drainage standards for an H-20 roadway.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	43	0	0	12	13	74	17	159
<b>Total:</b>	0	43	0	0	12	13	74	17	159
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	43	0	0	12	13	74	17	159
<b>Total*:</b>	0	43	0	0	12	13	74	17	159
<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.*

**2011 - 2016 Adopted Capital Improvement Program**

**Skagit Facility - Fueling Station Upgrade**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	6486	<b>End Date:</b>	Q4/2011
<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 or replaces the two fueling stations serving Newhalem and Diablo. The fueling stations are failing. Repairs to this equipment have consumed extensive labor hours and materials. The equipment is outdated and has exceeded its effective service life.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	174	0	0	0	0	0	174
<b>Total:</b>	0	0	174	0	0	0	0	0	174
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	174	0	0	0	0	0	174
<b>Total*:</b>	0	0	174	0	0	0	0	0	174
<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.*



# Seattle City Light

## Skagit Facility - Minor Improvements Program

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6405	<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 funds unforeseeable, unscheduled capital work. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. This project covers work specifically related to general Skagit Facilities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,044	1,681	4,428	1,299	0	0	0	0	9,452
<b>Total:</b>	2,044	1,681	4,428	1,299	0	0	0	0	9,452
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,044	1,681	4,428	1,299	0	0	0	0	9,452
<b>Total*:</b>	2,044	1,681	4,428	1,299	0	0	0	0	9,452
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

**Skagit Facility - Network Controls**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6385	<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 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 results in improved monitoring and control of the Skagit facilities, reduced maintenance and reduced outages through bearing and other failures, and reduced cost and time of maintenance and outages. This project incorporates features that lead to enhanced data acquisition that is part of the NERC requirements.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	397	1,188	934	442	358	367	0	0	3,686
<b>Total:</b>	397	1,188	934	442	358	367	0	0	3,686
<b>Fund Appropriations/Allocations</b>									
City Light Fund	397	1,188	934	442	358	367	0	0	3,686
<b>Total*:</b>	397	1,188	934	442	358	367	0	0	3,686
O & M Costs (Savings)			31	31	31	0	0	0	93

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

**Skagit Facility - Oil Containment Improvements**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	6458	<b>End Date:</b>	Q1/2013
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades oil containment systems at the Skagit project to comply with the requirements of the Clean Water Act. The current provisions of the Clean Water Act require SCL to provide secondary containment for oil-filled equipment and storage containers holding greater than 54 gallons of oil.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	535	1,458	625	284	1	0	0	0	2,903
<b>Total:</b>	535	1,458	625	284	1	0	0	0	2,903
<b>Fund Appropriations/Allocations</b>									
City Light Fund	535	1,458	625	284	1	0	0	0	2,903
<b>Total*:</b>	535	1,458	625	284	1	0	0	0	2,903
<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.*

# Seattle City Light

## Skagit Facility - Preserve/Upgrade Historic Reg Structures

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	6426	<b>End Date:</b>	Q3/2011
<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 remodels the camp housing facilities located in Newhalem including House 6 (V.I.P. House), the Hotel, the Pansy House, and Bunkhouse 70. These facilities provide additional housing units as rentals to employees and temporary housing for work crews. This project brings SCL into compliance with the FERC licensing requirements and requirements of the federal Historic Preservation Act.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,191	190	542	0	0	0	0	0	2,923
<b>Total:</b>	2,191	190	542	0	0	0	0	0	2,923
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,191	190	542	0	0	0	0	0	2,923
<b>Total*:</b>	2,191	190	542	0	0	0	0	0	2,923
<b>O &amp; M Costs (Savings)</b>			0	0	30	0	0	0	30

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Skagit Facility - Radio System Improvements

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6421	<b>End Date:</b>	Q1/2016
<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, 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9	0	0	0	91	143	806	55	1,104
<b>Total:</b>	9	0	0	0	91	143	806	55	1,104
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9	0	0	0	91	143	806	55	1,104
<b>Total*:</b>	9	0	0	0	91	143	806	55	1,104
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Skagit Facility - Security Systems**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	6388	<b>End Date:</b>	Q1/2011
<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 will provide the ability to control access and prevent theft and vandalism.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,091	215	76	0	0	0	0	0	1,382
<b>Total:</b>	1,091	215	76	0	0	0	0	0	1,382
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,091	215	76	0	0	0	0	0	1,382
<b>Total*:</b>	1,091	215	76	0	0	0	0	0	1,382
<b>O &amp; M Costs (Savings)</b>			34	34	11	0	0	0	79

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# Seattle City Light

## Skagit Licensing Mitigation

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1991
<b>Project ID:</b>	6991	<b>End Date:</b>	Q4/2017
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project enhances and protects wildlife habitat on utility-owned land in the Upper Skagit River and South Fork Nooksack River valleys to meet the obligations outlined in City Light's 1995 Skagit license. It includes land acquisition, restoration, and management.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	34,594	1,073	503	217	64	65	67	271	36,854
<b>Total:</b>	34,594	1,073	503	217	64	65	67	271	36,854
<b>Fund Appropriations/Allocations</b>									
City Light Fund	34,594	1,073	503	217	64	65	67	271	36,854
<b>Total*:</b>	34,594	1,073	503	217	64	65	67	271	36,854
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Skagit Powerhouses - Install Protection Relays

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6415	<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 enhances generating reliability by adding protective relays to generating systems. The project includes adding microprocessor relays to the existing system, adding certain auxiliary protective equipment, and modifying the design of the existing protection system to upgrade functionality.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,855	148	311	301	0	0	0	0	2,615
<b>Total:</b>	1,855	148	311	301	0	0	0	0	2,615
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,855	148	311	301	0	0	0	0	2,615
<b>Total*:</b>	1,855	148	311	301	0	0	0	0	2,615
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program



# Seattle City Light

## Small Overhead and Underground Services

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8367	<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 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. This project also responds to the customer's cost, schedule and design interests. Most of this related work is billable to the customer.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	23,260	6,160	6,715	6,183	5,885	6,544	6,698	6,861	68,306
<b>Total:</b>	23,260	6,160	6,715	6,183	5,885	6,544	6,698	6,861	68,306
<b>Fund Appropriations/Allocations</b>									
City Light Fund	23,260	6,160	6,715	6,183	5,885	6,544	6,698	6,861	68,306
<b>Total*:</b>	23,260	6,160	6,715	6,183	5,885	6,544	6,698	6,861	68,306
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Sound Transit Light Rail - City Light

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1998
<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 addresses 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 Link Light Rail segment running north of the University of Washington Station, through the Roosevelt area to Northgate is subject to planning by Sound Transit under project 8427, Sound Transit Northlink - City Light. All work requires continuous coordination, design and construction work by project managers, engineers, and crews for any projects associated with the Sound Transit Link Light Rail.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	46,947	783	1,800	51	11	242	0	0	49,834
<b>Total:</b>	46,947	783	1,800	51	11	242	0	0	49,834
<b>Fund Appropriations/Allocations</b>									
City Light Fund	46,947	783	1,800	51	11	242	0	0	49,834
<b>Total*:</b>	46,947	783	1,800	51	11	242	0	0	49,834
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Sound Transit Light Rail East Link - City Light

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	8450	<b>End Date:</b>	Q4/2015
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	96	66	265	270	0	0	697
<b>Total:</b>	0	0	96	66	265	270	0	0	697
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	96	66	265	270	0	0	697
<b>Total*:</b>	0	0	96	66	265	270	0	0	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.*

### 2011 - 2016 Adopted Capital Improvement Program

**Seattle City Light**

**Sound Transit Northlink - City Light**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	19	224	263	428	437	3,186	2,805	7,362
<b>Total:</b>	0	19	224	263	428	437	3,186	2,805	7,362
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	19	224	263	428	437	3,186	2,805	7,362
<b>Total*:</b>	0	19	224	263	428	437	3,186	2,805	7,362
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		19	224	263	428	437	1,817	2,772	5,960
<b>Total:</b>		19	224	263	428	437	1,817	2,772	5,960

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

**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## South Service Center Spokane Exit Modification

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	9215	<b>End Date:</b>	Q4/2011
<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 for construction during the 2009-2010 period to realign City Light'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. This project (funding) represents a three phase construction project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,515	5,747	905	0	0	0	0	0	8,167
<b>Total:</b>	1,515	5,747	905	0	0	0	0	0	8,167
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,515	5,747	905	0	0	0	0	0	8,167
<b>Total*:</b>	1,515	5,747	905	0	0	0	0	0	8,167
<b>O &amp; M Costs (Savings)</b>			8	8	8	0	0	0	24
<b>Spending Plan by Fund</b>									
City Light Fund		4,931	1,721	0	0	0	0	0	6,652
<b>Total:</b>		4,931	1,721	0	0	0	0	0	6,652

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

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Special Work Equipment - Generation Plant

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	6102	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Outside the City of Seattle		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project funds the purchase of special work equipment, machinery and tools to be used for the activities or operations of the Generation Branch, which include all the Utility's generating sites. Purchases are based on a five-year plan, updated for technological improvements.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9,963	1,899	1,070	1,058	484	546	559	573	16,152
<b>Total:</b>	9,963	1,899	1,070	1,058	484	546	559	573	16,152
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,963	1,899	1,070	1,058	484	546	559	573	16,152
<b>Total*:</b>	9,963	1,899	1,070	1,058	484	546	559	573	16,152
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

**Seattle City Light**

**Special Work Equipment - Other Plant**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	9102	<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 provides new tools and work equipment to replace old or broken tools to ensure field crews and other employees can accomplish their work assignments. This ongoing procurement project provides capitalized tools and work equipment required by all individual City Light units, except those required at the generation plants or substations (which have their own capital projects for special work equipment).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	20,897	1,298	898	925	848	874	895	917	27,552
<b>Total:</b>	20,897	1,298	898	925	848	874	895	917	27,552
<b>Fund Appropriations/Allocations</b>									
City Light Fund	20,897	1,298	898	925	848	874	895	917	27,552
<b>Total*:</b>	20,897	1,298	898	925	848	874	895	917	27,552
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Special Work Equipment - Shops**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8389	<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 provides new tools and work equipment to replace outdated equipment and updates technical systems to current standards. These tools and work equipment will be utilized by all employees in the entire department.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	620	399	0	0	610	624	319	327	2,899
<b>Total:</b>	620	399	0	0	610	624	319	327	2,899
<b>Fund Appropriations/Allocations</b>									
City Light Fund	620	399	0	0	610	624	319	327	2,899
<b>Total*:</b>	620	399	0	0	610	624	319	327	2,899
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## State Route 520 Bridge Replacement

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8435	<b>End Date:</b>	Q4/2015
<b>Location:</b>	SR 520 / Lake Washington		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan 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 electrical infrastructure to support replacement of the State Route 520 Bridge.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	1	1	1	0	3
<b>Total:</b>	0	0	0	0	1	1	1	0	3
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	1	1	1	0	3
<b>Total*:</b>	0	0	0	0	1	1	1	0	3
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## State Route 99 Capacity Additions and Relocations

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	8434	<b>End Date:</b>	Q4/2018
<b>Location:</b>	SR99/Mercer	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	Central		

This project relocates electrical infrastructure to assist in lowering the street level of State Route 99 and provides major capacity enhancements by increasing feeder and transmission capacity. Electrical work in South Lake Union is included.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	12,273	12,273
<b>Total:</b>	0	0	0	0	0	0	0	12,273	12,273
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	12,273	12,273
<b>Total*:</b>	0	0	0	0	0	0	0	12,273	12,273
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Streetlight LED Conversion Program

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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 replaces 41,000 residential streetlight fixtures with LED streetlight fixtures north of Denny Way and northeast of 65th Street. The plan includes monitoring upgrades in LED streetlight technology.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	2,007	5,642	6,541	6,208	6,351	6,499	6	33,254
<b>Total:</b>	0	2,007	5,642	6,541	6,208	6,351	6,499	6	33,254
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	2,007	5,642	6,541	6,208	6,351	6,499	6	33,254
<b>Total*:</b>	0	2,007	5,642	6,541	6,208	6,351	6,499	6	33,254
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,007	6,422	6,541	5,930	6,344	6,492	297	34,033
<b>Total:</b>		2,007	6,422	6,541	5,930	6,344	6,492	297	34,033

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Streetlights: Arterial, Residential and Floodlights

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8378	<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 provides streetlighting as requested by various taxing jurisdictions and other customers. This project is a continuation of Projects 8133, South New Street and Flood Lighting; 8134, North New Street and Flood Lighting; 8135, South Residential Streetlight Improvements; 8136, North Residential Streetlight Improvements; 8210, South Arterial Streetlights Major Maintenance; 8211, North Arterial Streetlights Major Maintenance; and 8212.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,832	2,780	3,469	3,455	3,066	3,134	3,207	3,286	29,229
<b>Total:</b>	6,832	2,780	3,469	3,455	3,066	3,134	3,207	3,286	29,229
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,832	2,780	3,469	3,455	3,066	3,134	3,207	3,286	29,229
<b>Total*:</b>	6,832	2,780	3,469	3,455	3,066	3,134	3,207	3,286	29,229
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Substation Automation

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	8424	<b>End Date:</b>	Q4/2015
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces substation automation systems including Remote Terminal Units (RTU) and annunciators in each of SCL's fourteen substations. Starting in 2012, the plan is to upgrade equipment at two substations annually through 2018.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	577	2,117	4,322	4,372	4,520	46	15,954
<b>Total:</b>	0	0	577	2,117	4,322	4,372	4,520	46	15,954
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	577	2,117	4,322	4,372	4,520	46	15,954
<b>Total*:</b>	0	0	577	2,117	4,322	4,372	4,520	46	15,954
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	577	2,117	4,322	2,208	4,469	2,260	15,953
<b>Total:</b>		0	577	2,117	4,322	2,208	4,469	2,260	15,953

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Substation Breaker Replacements and Reliability Additions

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/2006
<b>Project ID:</b>	7779	<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 reviews City Light's inventory of approximately 400 transmission and distribution voltage circuit breakers and determines which have the greatest wear, gas or oil leaks, maintenance cost, service stress, and fault-interrupting history. The circuit breakers with the highest failure risk are replaced. This project also replaces transformer bank breakers at Union Street substation to support load growth.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,560	3,863	4,886	3,755	4,784	3,810	3,921	3,828	36,407
<b>Total:</b>	7,560	3,863	4,886	3,755	4,784	3,810	3,921	3,828	36,407
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7,560	3,863	4,886	3,755	4,784	3,810	3,921	3,828	36,407
<b>Total*:</b>	7,560	3,863	4,886	3,755	4,784	3,810	3,921	3,828	36,407
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Substation Capacity Additions

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7751	<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 adds new infrastructure to existing substations and systems. This project adds capacity to existing substations to meet increasing load demands. This project provides safer, more reliable, and more efficient transmission of power from the substations to the distribution system. Subprojects include, but are not limited to, reconfiguring and extending get-aways to the distribution grid, and building ring buses.

The scope of the project also includes 115 kV and 230 kV bus upgrades. The original 115kV overhead, air-insulated rigid bus conductors in several substations are made of wrought iron. If these conductors are replaced with tubular aluminum conductors, their weight can be reduced, their power ratings can be increased, and their corrosion-preventative maintenance can be reduced. The substations and buses to be improved are Bothell buses E and F, Broad Street buses 1 and 2 and North buses 1,2,4,6, and 7. -Rajinder Rai 5/17/10.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,882	1,255	1,205	1,559	1,844	1,823	1,617	1,608	15,793
<b>Total:</b>	4,882	1,255	1,205	1,559	1,844	1,823	1,617	1,608	15,793
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,882	1,255	1,205	1,559	1,844	1,823	1,617	1,608	15,793
<b>Total*:</b>	4,882	1,255	1,205	1,559	1,844	1,823	1,617	1,608	15,793
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Substation Comprehensive Improvements**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	9161	<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 funds substation improvements identified in City Light's Comprehensive Facilities Plan, seismic fitness reports, and periodic inspections targeting transmission and distribution buildings. The project implements items necessary to support assigned personnel, such as lunchroom and locker room facilities required by the union contracts, as well as structural and mechanical corrections and enhancements at substation facilities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,442	178	0	0	550	316	194	198	3,878
<b>Total:</b>	2,442	178	0	0	550	316	194	198	3,878
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,442	178	0	0	550	316	194	198	3,878
<b>Total*:</b>	2,442	178	0	0	550	316	194	198	3,878
<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.*

**2011 - 2016 Adopted Capital Improvement Program**



# Seattle City Light

## Substation Equipment Improvements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7752	<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 adds, replaces, and upgrades substation equipment to maintain or improve system reliability, comply with high voltage and environmental regulations, and ensure safe work sites. This project covers the substation electrical and control equipment. Facility improvement projects are funded through the Substation Plant Improvements project (7750).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	31,708	4,044	4,354	3,889	5,579	4,631	4,724	4,845	63,774
<b>Total:</b>	31,708	4,044	4,354	3,889	5,579	4,631	4,724	4,845	63,774
<b>Fund Appropriations/Allocations</b>									
City Light Fund	31,708	4,044	4,354	3,889	5,579	4,631	4,724	4,845	63,774
<b>Total*:</b>	31,708	4,044	4,354	3,889	5,579	4,631	4,724	4,845	63,774
<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.*

# Seattle City Light

## Substation Plant Improvements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7750	<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 upgrades and retrofits substation buildings, their facilities and systems, and related structures. The project includes environmental improvements and removal and replacement of outdated utilities and structures. The project provides station security, safe working conditions, and improvements in related services, such as water, sewer, and lighting.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,216	1,221	1,199	1,243	1,251	728	745	750	13,353
<b>Total:</b>	6,216	1,221	1,199	1,243	1,251	728	745	750	13,353
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,216	1,221	1,199	1,243	1,251	728	745	750	13,353
<b>Total*:</b>	6,216	1,221	1,199	1,243	1,251	728	745	750	13,353
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

**Tolt Facility - Penstock Rehabilitation**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<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 to address an Iron-Related Bacteria (IRB) 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. The pig is a tough foam rubber swab driven by water pressure that has proven very effective in cleaning similar IRB infestations.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	253	0	0	0	253
<b>Total:</b>	0	0	0	0	253	0	0	0	253
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	253	0	0	0	253
<b>Total*:</b>	0	0	0	0	253	0	0	0	253
<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.*

# Seattle City Light

## Tolt Powerhouse - Power Monitoring Equipment Upgrades

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	6323	<b>End Date:</b>	Q1/2013
<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project installs a generator totalizer and clock at the Tolt plant to track running hours and create voltage charts. The voltage charts are essential to identifying and troubleshooting system voltage, spikes, and other voltage problems.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	43	0	0	0	43
<b>Total:</b>	0	0	0	0	43	0	0	0	43
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	43	0	0	0	43
<b>Total*:</b>	0	0	0	0	43	0	0	0	43
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Tolt Powerhouse - Replace Generator Management System

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	6477	<b>End Date:</b>	Q1/2011
<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 implements a control system for the Tolt 81 generator. A controls failure in March 2008 at Tolt resulted in a "hole in river" sequence that affected fish populations. The subsequent investigation revealed outdated/unavailable control systems, poor cooling and a programming system that was never effectively commissioned. By replacing the control system, this project prevents similar problems occurring in the future.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	55	206	15	0	0	0	0	0	276
<b>Total:</b>	55	206	15	0	0	0	0	0	276
<b>Fund Appropriations/Allocations</b>									
City Light Fund	55	206	15	0	0	0	0	0	276
<b>Total*:</b>	55	206	15	0	0	0	0	0	276
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Tolt Switchyard - Bank B Transformer Replacement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2009
<b>Project ID:</b>	6475	<b>End Date:</b>	Q1/2011
<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 the Tolt Bank B transformer which provides primary power to the SPU water processing plant. In 2007, a bushing failure in this transformer required that this plant be powered by diesel generators for many weeks. A creative, but very temporary, fix was utilized.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	117	6	0	0	0	0	0	123
<b>Total:</b>	0	117	6	0	0	0	0	0	123
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	117	6	0	0	0	0	0	123
<b>Total*:</b>	0	117	6	0	0	0	0	0	123
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Transformer and Network Load Management Tools Upgrade

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	9952	<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 replaces and upgrades the Transformer and Network Load Management systems and Load Flow software. City Light plans to analyze replacement options in 2010 and to implement system and software changes in 2011.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1,020	0	0	0	0	0	1,020
<b>Total:</b>	0	0	1,020	0	0	0	0	0	1,020
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	1,020	0	0	0	0	0	1,020
<b>Total*:</b>	0	0	1,020	0	0	0	0	0	1,020
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Transmission & Generation Radio Systems

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1998
<b>Project ID:</b>	9108	<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 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 to ensure the safe, reliable and efficient operation of the system. This project positions SCL to meet the Federal Energy Regulatory Commission's vital communications systems requirements.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9,256	719	873	496	1,018	437	447	458	13,704
<b>Total:</b>	9,256	719	873	496	1,018	437	447	458	13,704
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,256	719	873	496	1,018	437	447	458	13,704
<b>Total*:</b>	9,256	719	873	496	1,018	437	447	458	13,704
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Transmission Capacity**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	7011	<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 upgrades transmission lines, builds new lines, relocates lines and provides for other system needs related to the transmission system. The project enhances City Lights transmission capacity, which is the available power capacity to meet the load on the transmission system.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11,440	34	22	22	23	23	24	13	11,601
<b>Total:</b>	11,440	34	22	22	23	23	24	13	11,601
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,440	34	22	22	23	23	24	13	11,601
<b>Total*:</b>	11,440	34	22	22	23	23	24	13	11,601
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Transmission Inter-Agency

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7105	<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 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.

	<b>LTD Actuals</b>	<b>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	968	489	555	568	583	401	610	624	4,798
<b>Total:</b>	968	489	555	568	583	401	610	624	4,798
<b>Fund Appropriations/Allocations</b>									
City Light Fund	968	489	555	568	583	401	610	624	4,798
<b>Total*:</b>	968	489	555	568	583	401	610	624	4,798
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Transmission Reliability

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7104	<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 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. Reliability projects include line rebuilds, new lines enhancing substation reliability, new line configurations improving operations, and relocations required in transmission system maintainance. Current projects include rebuilding the 230 kV Creston-Duwamish wood H-frame transmission line and upgrading cathodic protection of underground transmission conductors.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,531	3,314	2,388	2,422	2,486	2,540	2,600	2,664	25,945
<b>Total:</b>	7,531	3,314	2,388	2,422	2,486	2,540	2,600	2,664	25,945
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7,531	3,314	2,388	2,422	2,486	2,540	2,600	2,664	25,945
<b>Total*:</b>	7,531	3,314	2,388	2,422	2,486	2,540	2,600	2,664	25,945
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Transportation Driven Relocations

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8369	<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 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. Operations and maintenance costs are not expected to change as a result of this project. In 2009, the project funds a portion of City Light's work on various transportation projects including State Route 519 Intermodal access, and Seattle Department of Transportation's "Bridging the Gap" projects.

	<b>LTD Actuals</b>	<b>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	7,386	2,113	2,227	2,639	4,697	2,445	2,503	5,034	29,044
<b>Total:</b>	7,386	2,113	2,227	2,639	4,697	2,445	2,503	5,034	29,044
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7,386	2,113	2,227	2,639	4,697	2,445	2,503	5,034	29,044
<b>Total*:</b>	7,386	2,113	2,227	2,639	4,697	2,445	2,503	5,034	29,044
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Transportation Streetlights

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8377	<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 relocates Seattle City Light-owned streetlights as required by transportation projects. Seattle City Light utilizes SDOT as design consultant and construction manager respecting Seattle City Light owned streetlight transportation facilities

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,914	1,751	1,407	1,434	1,454	1,495	1,533	1,570	13,558
<b>Total:</b>	2,914	1,751	1,407	1,434	1,454	1,495	1,533	1,570	13,558
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,914	1,751	1,407	1,434	1,454	1,495	1,533	1,570	13,558
<b>Total*:</b>	2,914	1,751	1,407	1,434	1,454	1,495	1,533	1,570	13,558
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Underground 26kV Conversion

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8362	<b>End Date:</b>	Q4/2015
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project 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. Operations and maintenance costs are not expected to change as a result of this project. The Capitol Hill Underground Ordinance area does not have capacity at 4 kV to serve the load growth in the area, thus requiring City Light to install vaults, ducts and underground at 26 kV.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,370	701	881	2,137	2,192	753	758	0	10,792
<b>Total:</b>	3,370	701	881	2,137	2,192	753	758	0	10,792
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,370	701	881	2,137	2,192	753	758	0	10,792
<b>Total*:</b>	3,370	701	881	2,137	2,192	753	758	0	10,792
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		701	881	1,589	2,181	1,312	758	0	7,422
<b>Total:</b>		701	881	1,589	2,181	1,312	758	0	7,422

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### 2011 - 2016 Adopted Capital Improvement Program

# Seattle City Light

## Underground Customer Driven Capacity Additions

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8360	<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 provides electrical lines from substations to customers' property lines so that City Light has sufficient capacity to serve its customers and maintain reliability. 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. Operations and maintenance costs are not expected to change as a result of this project.

	<b>LTD Actuals</b>	<b>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	9,885	3,847	2,705	4,679	4,413	2,670	2,733	2,800	33,732
<b>Total:</b>	9,885	3,847	2,705	4,679	4,413	2,670	2,733	2,800	33,732
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,885	3,847	2,705	4,679	4,413	2,670	2,733	2,800	33,732
<b>Total*:</b>	9,885	3,847	2,705	4,679	4,413	2,670	2,733	2,800	33,732
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

**Underground Equipment Replacements**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8353	<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 replaces and improves underground electrical system equipment that is failing or approaching the end of its useful life. Operations and maintenance costs are not expected to change as a result of this project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	444	2,797	5,107	4,479	2,295	2,679	2,742	2,809	23,352
<b>Total:</b>	444	2,797	5,107	4,479	2,295	2,679	2,742	2,809	23,352
<b>Fund Appropriations/Allocations</b>									
City Light Fund	444	2,797	5,107	4,479	2,295	2,679	2,742	2,809	23,352
<b>Total*:</b>	444	2,797	5,107	4,479	2,295	2,679	2,742	2,809	23,352
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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



# Seattle City Light

## Underground Outage Replacements

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8352	<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 supports the capitalized portion of work resulting from unplanned, non-emergency, underground outages to ensure that customers' electric power is restored as quickly as possible. These outages result from events, such as storms, accidents, and equipment failures. Replacement includes permanent storm repairs, and construction of new infrastructure to bypass failing equipment. Cable and transformer replacements that are required to restore power are among the elements capitalized during such repairs. The project budget includes travel, meals, and other costs for visits to generation facilities to make needed repairs.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,809	866	1,278	966	221	847	867	888	13,742
<b>Total:</b>	7,809	866	1,278	966	221	847	867	888	13,742
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7,809	866	1,278	966	221	847	867	888	13,742
<b>Total*:</b>	7,809	866	1,278	966	221	847	867	888	13,742
<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.*

**Underground System Capacity Additions**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8361	<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 provides electrical lines from substations to customers' property lines so that City Light has sufficient capacity to serve its customers and maintain reliability. 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. The project budget includes travel costs to visit generation facilities needing distribution system renovations, and to visit vendors for equipment inspection and operational testing prior to delivery. Operations and maintenance costs are not expected to change as a result of this project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	8,962	7,075	2,809	2,806	2,814	6,318	6,467	6,624	43,875
<b>Total:</b>	8,962	7,075	2,809	2,806	2,814	6,318	6,467	6,624	43,875
<b>Fund Appropriations/Allocations</b>									
City Light Fund	8,962	7,075	2,809	2,806	2,814	6,318	6,467	6,624	43,875
<b>Total*:</b>	8,962	7,075	2,809	2,806	2,814	6,318	6,467	6,624	43,875
O & M Costs (Savings)			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.*

# Seattle City Light

## Unified Geographic Information System

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9957	<b>End Date:</b>	Q1/2014
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

City Light currently maintains two separate and incompatible Geographic Information Systems (GIS) systems. This proposal will investigate, evaluate and make a recommendation to develop a unified GIS system that meets all of the needs of the Utility. Consolidation will simplify integration between GIS and future software system implementation (such as Mobile Workforce); improve worker safety; provide better understanding and routing of underground systems; and provide complete "substation to meter" connectivity. A follow-on BIP for implementation services will be submitted in 2011 when the full scope and impact of that project are better understood. That impact could be as high as \$10-15 Million.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	2,123	0	0	0	2,123
<b>Total:</b>	0	0	0	0	2,123	0	0	0	2,123
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	2,123	0	0	0	2,123
<b>Total*:</b>	0	0	0	0	2,123	0	0	0	2,123
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

**Union Street Substation Networks**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1998
<b>Project ID:</b>	8201	<b>End Date:</b>	Q4/2016
<b>Location:</b>	1312 Western AV		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project provides a programmatic approach for comprehensive management of underground network assets (electrical and in some cases civil) serving customers in the area bounded by Yesler Street, Alaskan Way, Pike Street, 6th Avenue, Union Street, the Freeway, University Street, 3rd Avenue, and the Waterfront area from Denny to Yesler. The project increases Union Street Substation network capacity while providing sufficient and reliable electrical power needs to City Light customers. This project routes approximately two feeders per year into new underground feeder getaways at Union Substation preventing prospective outages.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	18,584	1,377	1,683	1,723	2,297	2,348	2,403	2,462	32,877
<b>Total:</b>	18,584	1,377	1,683	1,723	2,297	2,348	2,403	2,462	32,877
<b>Fund Appropriations/Allocations</b>									
City Light Fund	18,584	1,377	1,683	1,723	2,297	2,348	2,403	2,462	32,877
<b>Total*:</b>	18,584	1,377	1,683	1,723	2,297	2,348	2,403	2,462	32,877
<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.*

# Seattle City Light

## University to North & Canal Load Transfer

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8375	<b>End Date:</b>	Q4/2011
<b>Location:</b>	409 NE Pacific St		
<b>Neighborhood Plan:</b>	University	<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 transfers 40 Megavoltamperes (MVA) from the University Substation to the Canal and North substations. This involves the construction or upgrade of several miles of mainstem feeder lines, and the installation of switches at various points along those feeders to transfer the load and relieve University Substation.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	322	838	702	0	0	0	0	0	1,862
<b>Total:</b>	322	838	702	0	0	0	0	0	1,862
<b>Fund Appropriations/Allocations</b>									
City Light Fund	322	838	702	0	0	0	0	0	1,862
<b>Total*:</b>	322	838	702	0	0	0	0	0	1,862
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle City Light

## Vehicle Replacement

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1979
<b>Project ID:</b>	9101	<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 replaces and expands City Light's heavy-duty mobile equipment fleet. This project also funds the gradual replacement of light-duty vehicles owned by City Light, including those previously leased from the Fleets & Facilities Department and now owned by City Light.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	62,413	11,631	7,043	9,258	9,449	9,648	9,875	10,116	129,433
<b>Total:</b>	62,413	11,631	7,043	9,258	9,449	9,648	9,875	10,116	129,433
<b>Fund Appropriations/Allocations</b>									
City Light Fund	62,413	11,631	7,043	9,258	9,449	9,648	9,875	10,116	129,433
<b>Total*:</b>	62,413	11,631	7,043	9,258	9,449	9,648	9,875	10,116	129,433
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		10,352	8,323	9,258	9,449	9,648	9,875	10,116	67,021
<b>Total:</b>		10,352	8,323	9,258	9,449	9,648	9,875	10,116	67,021

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### 2011 - 2016 Adopted Capital Improvement Program

**Seattle City Light**

**Wood Pole Replacement Program**

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8371	<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 increases the rate of wood pole replacements from 600 to 2,000 poles per year. These poles are the primary support structure for SCL's overhead electrical distribution system. SCL currently owns 108,000 poles. 88,000 are Western Red Cedar and Douglas Fir wood poles with installation dates ranging from the 1900's to current day. These poles have an average service life expectancy of 40-50 years. The current average age of SCL's wood poles is 41 years, so half of the wood pole population currently exceeds their expected useful life and is at a higher risk of failure.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,250	9,803	5,798	13,623	15,536	15,878	16,252	16,649	96,789
<b>Total:</b>	3,250	9,803	5,798	13,623	15,536	15,878	16,252	16,649	96,789
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,250	9,803	5,798	13,623	15,536	15,878	16,252	16,649	96,789
<b>Total*:</b>	3,250	9,803	5,798	13,623	15,536	15,878	16,252	16,649	96,789
<b>O &amp; M Costs (Savings)</b>			6,782	0	0	0	0	0	6,782
<b>Spending Plan by Fund</b>									
City Light Fund		9,803	10,734	14,244	15,536	15,878	16,252	16,649	99,096
<b>Total:</b>		9,803	10,734	14,244	15,536	15,878	16,252	16,649	99,096

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**2011 - 2016 Adopted Capital Improvement Program**

# Seattle City Light

## Work and Asset Management System

<b>BCL/Program Name:</b>	Customer Services & Energy Delivery - CIP	<b>BCL/Program Code:</b>	SCL350
<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, which will enable the Utility to make better asset investment decisions. The project will implement Oracle WAM and Utility Group Business Intelligence (BI) products, and establish standard business processes. A related project is 9940, Lifecycle Asset Management Program, which will rely on this software to improve lifecycle asset management.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,538	15,481	6,536	8,572	935	0	0	0	37,062
<b>Total:</b>	5,538	15,481	6,536	8,572	935	0	0	0	37,062
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,538	15,481	6,536	8,572	935	0	0	0	37,062
<b>Total*:</b>	5,538	15,481	6,536	8,572	935	0	0	0	37,062
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		9,875	10,107	10,355	1,960	0	0	0	32,297
<b>Total:</b>		9,875	10,107	10,355	1,960	0	0	0	32,297

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## 2011 - 2016 Adopted Capital Improvement Program



**Workplace and Process Improvement**

<b>BCL/Program Name:</b>	Power Supply and Environmental Affairs - CIP	<b>BCL/Program Code:</b>	SCL250
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9159	<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 funds alterations that preserve workplace efficiency. The project focuses on adapting interior building elements to support business processes and procedures of occupant work groups. Flooring replacements, interior remodeling, computer network cabling upgrades, uninterruptible power systems and computer flooring are examples of work that might be undertaken by this project.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,408	774	0	0	3,121	3,284	102	105	8,794
<b>Total:</b>	1,408	774	0	0	3,121	3,284	102	105	8,794
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,408	774	0	0	3,121	3,284	102	105	8,794
<b>Total*:</b>	1,408	774	0	0	3,121	3,284	102	105	8,794
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**SPU -  
DRAINAGE AND  
WASTEWATER**



### Overview of Facilities and Programs

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 Seattle Public Utilities' Capital Improvement Program (CIP) is the vehicle for maintaining, upgrading, and expanding this infrastructure, as well as constructing projects that protect, conserve, and enhance our region's environmental resources. The overriding goal of the CIP is to ensure facilities are properly constructed and maintained, and regulatory requirements are met. Projects in the CIP are also guided by various federal regulations, City policies, long-term plan documents, and the SPU Asset Management Committee (AMC) benefit criteria. Many Drainage and Wastewater (DWF) CIP projects are outlined in the Wastewater System Plan, Combined Sewer Overflow Reduction Plan, and the Comprehensive Drainage Plan.

Historically, the DWF CIP has been funded primarily by revenue bonds. However, DWF financial policies adopted in 2003 gradually increase cash contributions from the Utility to fund the CIP. By 2007, 25% of total CIP costs were funded by a cash contribution, with the remaining capital needs being debt financed. Overhead costs for the CIP are budgeted in the SPU operating fund and are reimbursed as CIP expenditures are incurred.

### Highlights

- **Combined Sewer Overflow (CSO) Program:** Approximately \$17.8 million is included in the 2011 Adopted CIP for the combined sewer overflow program. In many parts of Seattle, sewage and stormwater flow together in pipes through a Combined Sewer System. Heavy rains may cause these pipes to fill, causing overflows through outfalls into Lake Union, Lake Washington, or Puget Sound. Projects in the 2011-2016 Adopted CIP respond to federal and state regulations requiring the City to monitor and reduce CSOs. These include development of a Long Term Control Plan (LTCP) as well as CSO reduction projects in the Windermere, Genesee and Henderson basins.
- **Flooding, Sewer Back-up, and Landslides:** The 2011 Adopted CIP includes \$35.1 million to address the prevention and alleviation of flooding and sewer backups in the City of Seattle. The main focus of the 2011 program will be on the construction phases of the Madison Valley Long Term Solution and South Park Pump Station projects.
- **Sediments:** The City of Seattle is named as a potentially responsible party (PRP) for the Duwamish River Superfund Site because of alleged contamination of sediments in the river from CSO and storm drain discharges. The City continues to work with the Washington State Department of Ecology, King County, and other PRPs on an assessment of contaminants and sources.

### Project Selection Process

SPU has adopted an asset management methodology for selecting projects to build. This is a triple bottom line approach which includes an in-depth analysis of the project's economic, social, and environmental benefits, and the ability to meet customer service levels. Using this approach, SPU has established a consistent analytical and modeling framework to achieve the most economical balance between capital investments and operation and maintenance expenditures to minimize the life cycle costs of any capital asset.

The Asset Management Committee (AMC), a committee of senior SPU executives, reviews each project valued at \$1 million or more and assures that only projects which minimize life cycle costs and meet triple bottom line criteria move forward. As a result of this analysis, several projects have been dropped when costs far exceed the benefits. Several cost-effective master planning efforts were approved to create up-to-date improvement and/or upgrade plans for several groups of assets. Other projects have been expanded or expedited because the benefits exceed the costs.

### Program Category Summaries

The Adopted 2011 Drainage and Wastewater CIP totals approximately \$83.8 million which is \$3.5 million higher than amounts planned for 2011 in the 2010-2015 Adopted CIP. These numbers are inclusive of Technology projects funded by the Drainage and Wastewater Fund which are displayed in a separate section of this CIP.

In the Combined Sewer Overflows (CSO) BCL, the 2011 Adopted CIP is \$17.8 million, which is a \$10.2 million decrease from the \$28.0 million planned for 2011 in the 2010-2015 Adopted CIP. This reduction reflects changes in scope and schedules for the Windermere, S. Genesee and S. Henderson CSO projects. Recent modeling and monitoring work has shown lower control volumes than originally anticipated, resulting in the need for smaller, and therefore, less costly solutions. When the Windermere, S. Genesee and S. Henderson projects are complete, CSO volumes into Lake Washington will be cut by about 14 million gallons per year, a reduction of about 60 percent from current overflows.

In the Protection of Beneficial Uses BCL, the 2011 Adopted CIP is \$2.3 million, which is just slightly higher (\$500,000) than the 2011 planned funding level in the 2010-2015 Adopted CIP. In 2012, the Adopted CIP is \$6.0 million, or \$4.4 million higher than the Endorsed Budget.

These increases will restore funding of two cost effective stormwater quality 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. The Venema Creek Natural Drainage System project was later re-instated in the 2010 Adopted Budget, though at reduced funding levels for 2012. Capital funding is also approved in 2011 and 2012 to initiate the Street Sweeping for Water Quality project, which will result in improved water quality of roadway runoff.

In the Shared Costs Projects BCL, the 2011 Adopted CIP is \$11.8 million, which is \$3.1 million lower than the \$14.9 million planned for 2011 in the 2010-2015 Adopted CIP. This decrease is driven by the Integrated Control Monitoring Program (I-SCADA), which was reduced in order to fund higher priority projects while still meeting the overall CIP fund target.

In the Flooding, Sewer Back-up, and Landslides BCL, the 2011 Adopted CIP is \$35.1 million, which is \$16.6 million higher than the 2011 planned funding of \$18.5 million in the 2010-2015 Adopted CIP. This sizable increase is consistent with the Drainage and Wastewater Fund's approach of restoring core services that were reduced during last year's budget process due to financial constraints. Increases to the Sanitary Sewer Overflow Capacity project will achieve reduced backups on both residential and commercial properties, while

## SPU – Drainage & Wastewater

the new Culvert Replacement Program will address culverts that need to be rehabilitated before they fail. Substantial increases are also included for the South Park Pump Station project. Issues over property rights and investigation of soil contamination issues have delayed the start of construction and pushed costs originally planned for 2010 into 2011 and 2012.

In the Rehabilitation BCL, the 2011 Adopted CIP is \$6.5 million, which is \$0.1 million higher than 2011 planned funding in the 2010-2015 Adopted CIP. The approved funding essentially maintains 2011 funding levels although some shifts were made between projects within the BCL. The No-Dig Pipe & Maintenance Rehabilitation project was reduced in 2011 due to resource limitations within SPU, as well as to help balance the overall fund. SPU typically awards two No-Dig Contracts each year, but will only award one No-Dig contract in 2011. This funding is being shifted to the Point Sewer Pipe Rehabilitation-Crews activity within the Point Sewer Pipe Rehabilitation project, which was reduced during last year's budget process due to financial constraints.

The Drainage and Wastewater CIP is comprised of seven program categories, which are summarized below.

**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 habitat. The program includes projects to improve water quality, protect creeks, meet regulatory requirements, and use best available science to meet community expectations for habitat.

**Sediments:** This program provides funding for preliminary studies and analysis for cleanup of contaminated sediment sites in which the City is a participant, for actual cleanup of contaminated sites, for preliminary engineering for future cleanup efforts, and for liability allocation negotiations. Funding is used to develop studies and analyses required by regulatory agencies for determining the boundaries and cleanup requirements for specific action sites. The study phase of sediment remediation projects often requires multiple years before specific cleanup actions are defined. As regulatory agency cleanup requirements become clear, additional individual cleanup projects are included in subsequent CIP proposals.

**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.

**Rehabilitation:** This program consists of projects to rehabilitate or replace existing drainage and wastewater (DWW) assets in-kind to maintain the current functionality level of the system. Projects include pump station structures, major mechanical & electrical components, and force mains; DWW control structures and appurtenances; and pipes and culverts.

**Flooding, Sewer Back-up, and Landslides:** This program is responsible for preventing and alleviating flooding and sewer backups in the City of Seattle, with a primary focus on the protection of public health, safety, and property. The program area is focused on planning, design, and construction of channels, pipes, roadside ditches, culverts, detention ponds, and natural drainage systems that control and/or convey storm runoff to receiving bodies. This program also involves protecting SPU drainage and wastewater infrastructure from landslides and providing drainage improvements where surface water generated from the city right-of-way is contributing to landslides.

**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 Drainage and

## **SPU – Drainage & Wastewater**

Wastewater program includes funding for the Alaskan Way Viaduct & Seawall Replacement, Integrated Control Monitoring Program, Mercer Corridor, Heavy Equipment Purchases and Bridging the Gap.

**Technology** (projects funded by the Drainage and Wastewater Fund, displayed in a separate section of this CIP): This program makes use of recent technological advances to increase the Department's efficiency and productivity. Drainage and Wastewater-supported technology projects are shown grouped with other technology projects following the Department's three CIP sections.

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

When appropriate, the projects in the Drainage and Wastewater Fund 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 O&M Proposed Budget submittals.

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

There are no Council provisos.



## SPU-Drainage & Wastewater

### Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
<b>Protection of Beneficial Uses</b>		<b>BCL/Program Code:</b>							<b>C333B</b>
Best Management Practice Program (C3313)	572	3,905	153	0	0	703	2,399	2,590	10,323
Capitol Hill Water Quality Project (C3373)	581	350	306	2,497	2,122	379	0	0	6,236
Street Sweeping for Water Quality (C3363)	0	0	314	825	0	0	0	0	1,139
Taylor Creek Culvert Replacement (C3353)	769	0	0	117	584	1,300	140	0	2,909
Thornton Creek Water Quality Channel Project (C3343)	14,329	150	20	0	0	0	0	0	14,499
Venema Creek Natural Drainage System (C3333)	1,018	600	1,489	2,601	170	108	0	0	5,986
<b>Protection of Beneficial Uses</b>	<b>17,269</b>	<b>5,005</b>	<b>2,283</b>	<b>6,040</b>	<b>2,876</b>	<b>2,490</b>	<b>2,539</b>	<b>2,590</b>	<b>41,092</b>
<b>Sediments</b>		<b>BCL/Program Code:</b>							<b>C350B</b>
Sediment Remediation - DWF (C3503)	20,890	2,721	6,350	5,385	1,460	933	491	497	38,727
<b>Sediments</b>	<b>20,890</b>	<b>2,721</b>	<b>6,350</b>	<b>5,385</b>	<b>1,460</b>	<b>933</b>	<b>491</b>	<b>497</b>	<b>38,727</b>
<b>Combined Sewer Overflows</b>		<b>BCL/Program Code:</b>							<b>C360B</b>
Ballard Roadside Raingardens Phase I - ARRA-CWSRF (C3603)	546	999	115	36	4	0	0	0	1,702
Combined Sewer Overflow Facility Retrofit (C3611)	5,740	1,550	2,040	3,031	4,825	6,158	6,447	0	29,791
Green Stormwater Infrastructure Program (C3610)	0	0	1,836	2,601	1,910	1,732	375	450	8,905
Long Term Control Plan (C3604)	9,661	8,160	7,726	6,691	7,558	4,183	2,487	1,971	48,437
S Genesee Combined Sewer Overflow (C3608)	3,819	3,162	704	1,248	4,775	4,871	0	0	18,579
S Henderson Combined Sewer Overflow Storage (C3609)	4,767	2,754	2,142	3,225	5,412	3,355	22,082	22,974	66,712
Windermere Combined Sewer Overflow Storage (C3605)	7,553	5,381	3,244	8,937	13,923	12,718	607	0	52,363
<b>Combined Sewer Overflows</b>	<b>32,085</b>	<b>22,007</b>	<b>17,807</b>	<b>25,770</b>	<b>38,408</b>	<b>33,017</b>	<b>31,998</b>	<b>25,396</b>	<b>226,488</b>
<b>Rehabilitation</b>		<b>BCL/Program Code:</b>							<b>C370B</b>
Emergency Rehabilitation (C3705)	6,398	801	1,020	1,910	2,101	2,164	2,230	2,252	18,877
No Dig Pipe & Maintenance Rehabilitation (C3707)	12,419	1,500	714	1,561	1,592	1,624	1,656	1,689	22,754
Point Sewer Pipe Rehabilitation (C3704)	26,692	5,961	3,162	4,771	6,493	6,921	7,145	7,208	68,353

*\*Amounts in thousands of dollars*

### 2011 - 2016 Adopted Capital Improvement Program

## SPU-Drainage & Wastewater

### Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Pump Station and Force Main Improvements (C3703)	2,651	1,022	1,270	1,829	1,971	2,437	2,686	2,816	16,680
Sewer Full Line Replacements (C3702)	19	0	306	456	492	538	579	563	2,954
<b>Rehabilitation</b>	48,179	9,284	6,472	10,526	12,649	13,683	14,297	14,528	129,618
<b>Flooding, Sewer Back-up, and Landslides</b>									<b>BCL/Program Code: C380B</b>
Culvert Replacement Program (C3810)	395	1,020	1,476	3,096	3,184	3,247	3,312	3,379	19,108
Densmore Basin Drainage Improvements (C3803)	95	5,821	5,306	552	0	0	0	0	11,774
Inflow/Infiltration Control (C3807)	0	0	510	1,397	3,747	4,035	4,345	4,505	18,540
Localized Flood Control Program (C3802)	393	1,466	2,621	5,249	6,340	7,198	6,700	5,631	35,599
Madison Valley Long Term Solution (C3805)	9,503	10,812	9,924	124	67	0	0	0	30,429
Meadowbrook Pond Sediment Management (C3808)	0	0	0	2,601	0	0	0	0	2,601
Sanitary Sewer Overflow Capacity (C3804)	1,682	1,000	2,040	4,162	4,245	4,330	4,416	4,505	26,379
South Park Pump Station (C3806)	4,050	5,478	8,818	5,514	53	0	0	0	23,913
Thornton Confluence Improvement (C3811)	351	1,424	4,375	546	0	0	0	0	6,696
<b>Flooding, Sewer Back-up, and Landslides</b>	16,469	27,022	35,070	23,241	17,635	18,810	18,774	18,019	175,039
<b>Shared Cost Projects</b>									<b>BCL/Program Code: C410B</b>
1% for Art – DWF (C4118-DWF)	654	448	526	461	660	656	690	629	4,725
Alaskan Way Viaduct & Seawall Replacement Program - DWF (C4102-DWF)	930	2,543	4,100	6,703	6,073	11,016	11,987	9,589	52,943
Bridging the Gap - DWF (C4119-DWF)	0	510	1,224	1,248	1,273	1,299	1,325	1,351	8,231
Emergency Storms - DWF (C4120-DWF)	1,219	2,444	589	200	209	226	690	0	5,577
First Hill Streetcar - DWF (C4130-DWF)	0	106	149	152	71	0	0	0	478
Heavy Equipment Purchases - DWF (C4116-DWF)	3,753	1,377	1,612	1,800	1,618	1,867	2,208	3,604	17,840
Integrated Control Monitoring Program - DWF (C4108-DWF)	6,181	3,524	1,012	2,725	3,222	2,414	2,556	63	21,698
Mercer Corridor Project East Phase - DWF (C4114-DWF)	398	3,915	1,050	812	636	0	0	0	6,811

*\*Amounts in thousands of dollars*

### 2011 - 2016 Adopted Capital Improvement Program

## SPU-Drainage & Wastewater

### Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Mercer Corridor Project West Phase - DWF (C4133-DWF)	0	507	370	1,428	1,327	0	0	0	3,633
Meter Replacement - DWF (C4101-DWF)	3,008	587	565	579	672	603	615	627	7,256
Operational Facility - Construction - DWF (C4106-DWF)	0	19	453	0	1,322	3,160	3,360	2,260	10,574
Operational Facility - Other - DWF (C4115-DWF)	0	91	0	0	162	162	0	0	415
Operations Control Center - DWF (C4105-DWF)	2,181	32	52	80	56	8	0	131	2,540
Other Major Transportation Projects - DWF (C4123-DWF)	1	0	10	10	11	11	11	11	66
Security Improvements - DWF (C4113-DWF)	41	26	23	362	236	149	135	25	997
Sound Transit – University Link - DWF (C4110-DWF)	143	50	69	100	237	142	53	0	794
<b>Shared Cost Projects</b>	<b>18,509</b>	<b>16,181</b>	<b>11,804</b>	<b>16,660</b>	<b>17,788</b>	<b>21,712</b>	<b>23,631</b>	<b>18,291</b>	<b>144,576</b>
<b>Technology</b>									<b>BCL/Program Code: C510B</b>
Asset Information Management (C5407)	328	997	1,235	784	1,414	1,323	962	962	8,006
Customer Contact & Billing (C5402)	0	1,166	469	1,119	3,813	4,447	2,111	1,451	14,575
Enterprise Information Management (C5403)	0	305	171	397	384	263	278	272	2,069
IT Infrastructure (C5404)	456	493	769	604	616	617	673	769	4,999
Project Delivery & Performance (C5405)	34	754	829	1,008	955	1,105	1,056	1,056	6,797
Science & System Performance (C5406)	0	377	590	1,088	481	669	809	809	4,823
<b>Technology</b>	<b>819</b>	<b>4,091</b>	<b>4,062</b>	<b>5,001</b>	<b>7,664</b>	<b>8,425</b>	<b>5,888</b>	<b>5,319</b>	<b>41,269</b>
<b>Department Total*:</b>	<b>154,219</b>	<b>86,311</b>	<b>83,848</b>	<b>92,624</b>	<b>98,480</b>	<b>99,069</b>	<b>97,618</b>	<b>84,641</b>	<b>796,810</b>

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**



**SPU-Drainage & Wastewater**

**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Drainage and Wastewater Fund (44010)	154,219	86,311	83,848	92,624	98,480	99,069	97,618	84,641	796,810
<b>Department Total*:</b>	154,219	86,311	83,848	92,624	98,480	99,069	97,618	84,641	796,810

*\*Amounts in thousands of dollars*



## SPU-Drainage & Wastewater

### 1% for Art – DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C4118-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program provides the Drainage & Wastewater funding for Seattle Public Utilities' 1% for Arts contribution. Eligibility is determined at the individual project level, with payment occurring from this program. Funds contributed to the 1% for Art program allow the commission, purchase, and installation of art in City-owned properties that is accessible to the public. The Municipal Arts Plan, which is prepared annually, describes the status of ongoing art projects and establishes the scope of work and allocations for new art projects.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	654	448	526	461	660	656	690	629	4,725
<b>Total:</b>	654	448	526	461	660	656	690	629	4,725
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	654	448	526	461	660	656	690	629	4,725
<b>Total*:</b>	654	448	526	461	660	656	690	629	4,725
<b>O &amp; M Costs (Savings)</b>			47	47	47	47	47	47	282
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		394	526	461	660	656	690	629	4,016
<b>Total:</b>		394	526	461	660	656	690	629	4,016

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

## SPU-Drainage & Wastewater

### Alaskan Way Viaduct & Seawall Replacement Program - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4102-DWF	<b>End Date:</b>	Q4/2018
<b>Location:</b>	SR 99 / Battery St		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This program relocates, replaces, and protects drainage and wastewater infrastructure affected by the replacement of the Alaskan Way Viaduct and Seawall. This program encompasses many sub-projects which are collectively known as the "Alaskan Way Viaduct and Seawall Replacement Program" (AWVSR Program.) The Washington State Department of Transportation (WSDOT) is the lead for the SR-99 replacement, while the City of Seattle is the lead on development of the waterfront public space, implementation of the new surface Alaskan Way, and design and construction of the seawall.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	930	2,543	4,100	6,703	6,073	11,016	11,987	9,589	52,943
<b>Total:</b>	930	2,543	4,100	6,703	6,073	11,016	11,987	9,589	52,943
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	930	2,543	4,100	6,703	6,073	11,016	11,987	9,589	52,943
<b>Total*:</b>	930	2,543	4,100	6,703	6,073	11,016	11,987	9,589	52,943
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,394	4,100	6,703	6,073	11,016	11,987	9,589	50,864
<b>Total:</b>		1,394	4,100	6,703	6,073	11,016	11,987	9,589	50,864

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### 2011 - 2016 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 will receive \$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. Construction of the roadside raingardens begins in June 2010.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Federal ARRA Funds: Clean Water State Revolving Fund	546	999	115	36	4	0	0	0	1,702
<b>Total:</b>	546	999	115	36	4	0	0	0	1,702
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	546	999	115	36	4	0	0	0	1,702
<b>Total*:</b>	546	999	115	36	4	0	0	0	1,702
<b>O &amp; M Costs (Savings)</b>			0	20	20	20	20	20	100
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		950	115	36	4	0	0	0	1,106
<b>Total:</b>		950	115	36	4	0	0	0	1,106

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### 2011 - 2016 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 2011 will fund work on the Norfolk Basin Water Quality project. No work is currently planned for the 2012-2013 timeframe.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	572	3,905	153	0	0	703	2,399	2,590	10,323
<b>Total:</b>	572	3,905	153	0	0	703	2,399	2,590	10,323
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	572	3,905	153	0	0	703	2,399	2,590	10,323
<b>Total*:</b>	572	3,905	153	0	0	703	2,399	2,590	10,323
<b>O &amp; M Costs (Savings)</b>			0	0	0	103	103	103	310
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,900	153	0	0	703	2,399	2,590	9,746
<b>Total:</b>		3,900	153	0	0	703	2,399	2,590	9,746

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### 2011 - 2016 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>	Q4/2016
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	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. It is too early in the program to determine the impact on operation and maintenance costs or savings as a result of this program.

		LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>										
Drainage and Wastewater Rates		0	510	1,224	1,248	1,273	1,299	1,325	1,351	8,231
<b>Total:</b>		0	510	1,224	1,248	1,273	1,299	1,325	1,351	8,231
<b>Fund Appropriations/Allocations</b>										
Drainage and Wastewater Fund		0	510	1,224	1,248	1,273	1,299	1,325	1,351	8,231
<b>Total*:</b>		0	510	1,224	1,248	1,273	1,299	1,325	1,351	8,231
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
Drainage and Wastewater Fund			1,188	1,224	1,248	1,273	1,299	1,325	1,351	8,909
<b>Total:</b>			1,188	1,224	1,248	1,273	1,299	1,325	1,351	8,909

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### 2011 - 2016 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>	Q4/2014
<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 approximately 200 acres of Capitol Hill. This project was included in the 2010-2015 Adopted CIP as C306001.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	581	350	306	2,497	2,122	379	0	0	6,236
<b>Total:</b>	581	350	306	2,497	2,122	379	0	0	6,236
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	581	350	306	2,497	2,122	379	0	0	6,236
<b>Total*:</b>	581	350	306	2,497	2,122	379	0	0	6,236
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	62	62	125
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	306	2,497	2,122	379	0	0	5,304
<b>Total:</b>		0	306	2,497	2,122	379	0	0	5,304

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### 2011 - 2016 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. Although this is an ongoing project, no work is currently planned for 2016. This project was included in the 2010-2015 Adopted CIP as C302102.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	5,740	1,550	2,040	3,031	4,825	6,158	6,447	0	29,791
<b>Total:</b>	5,740	1,550	2,040	3,031	4,825	6,158	6,447	0	29,791
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	5,740	1,550	2,040	3,031	4,825	6,158	6,447	0	29,791
<b>Total*:</b>	5,740	1,550	2,040	3,031	4,825	6,158	6,447	0	29,791
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	298	298
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,500	2,040	3,031	4,825	6,158	6,447	0	24,001
<b>Total:</b>		1,500	2,040	3,031	4,825	6,158	6,447	0	24,001

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

### 2011 - 2016 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. This is a new program for 2011, though it includes the existing NE 105th & 17th Culvert Replacement activity, which was previously included as part of the Emergency Storms Program (C4120).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	395	1,020	1,476	3,096	3,184	3,247	3,312	3,379	19,108
<b>Total:</b>	395	1,020	1,476	3,096	3,184	3,247	3,312	3,379	19,108
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	395	1,020	1,476	3,096	3,184	3,247	3,312	3,379	19,108
<b>Total*:</b>	395	1,020	1,476	3,096	3,184	3,247	3,312	3,379	19,108
<b>O &amp; M Costs (Savings)</b>			27	27	27	27	27	27	165
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	1,476	3,096	3,184	3,247	3,312	3,379	17,694
<b>Total:</b>		0	1,476	3,096	3,184	3,247	3,312	3,379	17,694

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

### 2011 - 2016 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>	Q4/2012
<b>Location:</b>	Densmore Basin	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Bitter Lake Village
<b>Neighborhood District:</b>	Northwest		

This program reduces surface water flooding and stormwater pollutant loading within the Densmore Basin. Improvements may include increasing the detention volume of the existing Stone Pond facility in order to address stormwater flow, and using traditional storage facilities and/or low impact development techniques to reduce flooding impacts at key locations in the upper Densmore Basin.

		LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>										
Drainage and Wastewater Rates		95	5,821	5,306	552	0	0	0	0	11,774
<b>Total:</b>		95	5,821	5,306	552	0	0	0	0	11,774
<b>Fund Appropriations/Allocations</b>										
Drainage and Wastewater Fund		95	5,821	5,306	552	0	0	0	0	11,774
<b>Total*:</b>		95	5,821	5,306	552	0	0	0	0	11,774
<b>O &amp; M Costs (Savings)</b>				0	0	86	86	86	86	343
<b>Spending Plan by Fund</b>										
Drainage and Wastewater Fund			5,858	5,306	552	0	0	0	0	11,716
<b>Total:</b>			5,858	5,306	552	0	0	0	0	11,716

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

### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

This ongoing project provides emergency sewer response to collapsed mainlines, surface street subsidence or voids resulting from leaking pipes, and storm-related incidents in Seattle, as well as emergency rehabilitation to drainage pipes that collapse, cause surface problems, or otherwise endanger public health or welfare. Typical improvements may include, but are not limited to, rehabilitation or replacement of structurally damaged pipes that caused the emergency and restoring surrounding areas. Rehabilitation or replacement quickly corrects the situation, avoids repeat incident, and extends the life of the asset. This project was included in the 2010-2015 Adopted CIP as C309007 and C310001.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	6,398	801	1,020	1,910	2,101	2,164	2,230	2,252	18,877
<b>Total:</b>	6,398	801	1,020	1,910	2,101	2,164	2,230	2,252	18,877
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	6,398	801	1,020	1,910	2,101	2,164	2,230	2,252	18,877
<b>Total*:</b>	6,398	801	1,020	1,910	2,101	2,164	2,230	2,252	18,877
<b>O &amp; M Costs (Savings)</b>			50	50	50	50	50	50	300
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		660	1,020	1,910	2,101	2,164	2,230	2,252	12,338
<b>Total:</b>		660	1,020	1,910	2,101	2,164	2,230	2,252	12,338

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### 2011 - 2016 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. Although this is an ongoing program, no work is currently planned for 2016.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,219	2,444	589	200	209	226	690	0	5,577
<b>Total:</b>	1,219	2,444	589	200	209	226	690	0	5,577
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,219	2,444	589	200	209	226	690	0	5,577
<b>Total*:</b>	1,219	2,444	589	200	209	226	690	0	5,577
<b>O &amp; M Costs (Savings)</b>			74	74	74	74	74	74	444
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,687	589	200	209	226	690	0	4,601
<b>Total:</b>		2,687	589	200	209	226	690	0	4,601

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

### 2011 - 2016 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. This project was included in the 2010-2015 Adopted CIP as C409034.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	106	149	152	71	0	0	0	478
<b>Total:</b>	0	106	149	152	71	0	0	0	478
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	106	149	152	71	0	0	0	478
<b>Total*:</b>	0	106	149	152	71	0	0	0	478
<b>O &amp; M Costs (Savings)</b>			0	0	0	5	5	5	14
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		104	149	152	71	0	0	0	476
<b>Total:</b>		104	149	152	71	0	0	0	476

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### 2011 - 2016 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 our 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 CSO National Pollutant Discharge Elimination System (NPDES) permit.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	1,836	2,601	1,910	1,732	375	450	8,905
<b>Total:</b>	0	0	1,836	2,601	1,910	1,732	375	450	8,905
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	1,836	2,601	1,910	1,732	375	450	8,905
<b>Total*:</b>	0	0	1,836	2,601	1,910	1,732	375	450	8,905
<b>O &amp; M Costs (Savings)</b>			100	100	150	150	150	150	800
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	1,836	2,601	1,910	1,732	375	450	8,905
<b>Total:</b>		0	1,836	2,601	1,910	1,732	375	450	8,905

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,753	1,377	1,612	1,800	1,618	1,867	2,208	3,604	17,840
<b>Total:</b>	3,753	1,377	1,612	1,800	1,618	1,867	2,208	3,604	17,840
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,753	1,377	1,612	1,800	1,618	1,867	2,208	3,604	17,840
<b>Total*:</b>	3,753	1,377	1,612	1,800	1,618	1,867	2,208	3,604	17,840
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,497	1,612	1,800	1,618	1,867	2,208	3,604	14,206
<b>Total:</b>		1,497	1,612	1,800	1,618	1,867	2,208	3,604	14,206

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## 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. This project was included in the 2010-2015 Adopted CIP as C309003.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	510	1,397	3,747	4,035	4,345	4,505	18,540
<b>Total:</b>	0	0	510	1,397	3,747	4,035	4,345	4,505	18,540
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	510	1,397	3,747	4,035	4,345	4,505	18,540
<b>Total*:</b>	0	0	510	1,397	3,747	4,035	4,345	4,505	18,540
<b>O &amp; M Costs (Savings)</b>			185	185	185	185	185	185	1,112
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	510	1,397	3,747	4,035	4,345	4,505	18,539
<b>Total:</b>		0	510	1,397	3,747	4,035	4,345	4,505	18,539

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### 2011 - 2016 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>	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 drainage and wastewater portion of the overall Supervisory Control and Data Acquisition (SCADA) system infrastructure throughout Seattle. Infrastructure affected may include, but is not limited to, pipes related to potential combined sewer overflows, rain gauges, and wastewater pump stations. This program enhances and protects the quality and condition of lakes and streams, and addresses the Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) permit requirements.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	6,181	3,524	1,012	2,725	3,222	2,414	2,556	63	21,698
<b>Total:</b>	6,181	3,524	1,012	2,725	3,222	2,414	2,556	63	21,698
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	6,181	3,524	1,012	2,725	3,222	2,414	2,556	63	21,698
<b>Total*:</b>	6,181	3,524	1,012	2,725	3,222	2,414	2,556	63	21,698
<b>O &amp; M Costs (Savings)</b>			222	222	222	222	222	222	1,332
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,251	1,012	2,725	3,222	2,414	2,556	63	15,244
<b>Total:</b>		3,251	1,012	2,725	3,222	2,414	2,556	63	15,244

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### 2011 - 2016 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. The Localized Flood Control Program improves Drainage and Wastewater levels of service.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	393	1,466	2,621	5,249	6,340	7,198	6,700	5,631	35,599
<b>Total:</b>	393	1,466	2,621	5,249	6,340	7,198	6,700	5,631	35,599
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	393	1,466	2,621	5,249	6,340	7,198	6,700	5,631	35,599
<b>Total*:</b>	393	1,466	2,621	5,249	6,340	7,198	6,700	5,631	35,599
<b>O &amp; M Costs (Savings)</b>			356	356	356	356	356	356	2,136
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,007	2,621	5,249	6,340	7,198	6,700	5,631	35,746
<b>Total:</b>		2,007	2,621	5,249	6,340	7,198	6,700	5,631	35,746

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### 2011 - 2016 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 site-specific 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; a public participation process; an implementation schedule; and a post-construction compliance monitoring program to verify compliance. This plan will be submitted to the Washington State Department of Ecology for approval in 2015 and will include all CSO basins within the City of Seattle, excluding existing CSO Projects at Windermere, Genesee, Henderson and the Central Waterfront. This program also includes CSO program management activities extending 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. This program was included in the 2010-2015 Adopted CIP as C3602.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	9,661	8,160	7,726	6,691	7,558	4,183	2,487	1,971	48,437
<b>Total:</b>	9,661	8,160	7,726	6,691	7,558	4,183	2,487	1,971	48,437
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	9,661	8,160	7,726	6,691	7,558	4,183	2,487	1,971	48,437
<b>Total*:</b>	9,661	8,160	7,726	6,691	7,558	4,183	2,487	1,971	48,437
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2011 - 2016 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>	Q4/2013
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	Not in an Urban Village

This project provides stormwater flood control facilities to greatly reduce the potential for flooding in the Madison Valley area, especially in the vicinity of 30th Ave E. and E. John St, and in the area of 29th Ave E. and E. Madison St. Work will include construction of a large stormwater pipe in the NW section of the Madison Valley basin, a new stormwater storage facility in Washington Park, and an expanded stormwater retention area at 30th Ave E. and E. John St. This project was included in the 2010-2015 Adopted CIP as C307014.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	9,503	10,812	9,924	124	67	0	0	0	30,429
<b>Total:</b>	9,503	10,812	9,924	124	67	0	0	0	30,429
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	9,503	10,812	9,924	124	67	0	0	0	30,429
<b>Total*:</b>	9,503	10,812	9,924	124	67	0	0	0	30,429
<b>O &amp; M Costs (Savings)</b>			0	0	0	304	304	304	913
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		10,500	9,924	124	67	0	0	0	20,615
<b>Total:</b>		10,500	9,924	124	67	0	0	0	20,615

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	2,601	0	0	0	0	2,601
<b>Total:</b>	0	0	0	2,601	0	0	0	0	2,601
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	0	2,601	0	0	0	0	2,601
<b>Total*:</b>	0	0	0	2,601	0	0	0	0	2,601
<b>O &amp; M Costs (Savings)</b>			0	0	26	26	26	26	104
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		500	0	2,601	0	0	0	0	3,101
<b>Total:</b>		500	0	2,601	0	0	0	0	3,101

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

### 2011 - 2016 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. This project was included in the 2010-2015 Adopted CIP with the title "Mercer Corridor Project - DWF".

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	398	3,915	1,050	812	636	0	0	0	6,811
<b>Total:</b>	398	3,915	1,050	812	636	0	0	0	6,811
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	398	3,915	1,050	812	636	0	0	0	6,811
<b>Total*:</b>	398	3,915	1,050	812	636	0	0	0	6,811
<b>O &amp; M Costs (Savings)</b>			0	0	0	93	93	93	278
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,190	1,050	812	636	0	0	0	4,688
<b>Total:</b>		2,190	1,050	812	636	0	0	0	4,688

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

### 2011 - 2016 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>	Q4/2013
<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. This project was included in the 2010-2015 Adopted CIP as C410005.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	507	370	1,428	1,327	0	0	0	3,633
<b>Total:</b>	0	507	370	1,428	1,327	0	0	0	3,633
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	507	370	1,428	1,327	0	0	0	3,633
<b>Total*:</b>	0	507	370	1,428	1,327	0	0	0	3,633
<b>O &amp; M Costs (Savings)</b>			0	0	0	36	36	36	109
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		128	370	1,428	1,327	0	0	0	3,254
<b>Total:</b>		128	370	1,428	1,327	0	0	0	3,254

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,008	587	565	579	672	603	615	627	7,256
<b>Total:</b>	3,008	587	565	579	672	603	615	627	7,256
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,008	587	565	579	672	603	615	627	7,256
<b>Total*:</b>	3,008	587	565	579	672	603	615	627	7,256
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		819	565	579	672	603	615	627	4,480
<b>Total:</b>		819	565	579	672	603	615	627	4,480

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

This ongoing project provides 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. This project was included in the 2010-2015 Adopted CIP as C309006.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	12,419	1,500	714	1,561	1,592	1,624	1,656	1,689	22,754
<b>Total:</b>	12,419	1,500	714	1,561	1,592	1,624	1,656	1,689	22,754
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	12,419	1,500	714	1,561	1,592	1,624	1,656	1,689	22,754
<b>Total*:</b>	12,419	1,500	714	1,561	1,592	1,624	1,656	1,689	22,754
<b>O &amp; M Costs (Savings)</b>			100	100	100	100	100	100	600
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		760	714	1,561	1,592	1,624	1,656	1,689	9,595
<b>Total:</b>		760	714	1,561	1,592	1,624	1,656	1,689	9,595

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### 2011 - 2016 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. No work is planned for drainage and wastewater facilities in 2012.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	19	453	0	1,322	3,160	3,360	2,260	10,574
<b>Total:</b>	0	19	453	0	1,322	3,160	3,360	2,260	10,574
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	19	453	0	1,322	3,160	3,360	2,260	10,574
<b>Total*:</b>	0	19	453	0	1,322	3,160	3,360	2,260	10,574
<b>O &amp; M Costs (Savings)</b>			176	176	176	176	176	176	1,059
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		218	453	0	1,322	3,160	3,360	2,260	10,772
<b>Total:</b>		218	453	0	1,322	3,160	3,360	2,260	10,772

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### 2011 - 2016 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 2011-2012 or 2015-2016.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	91	0	0	162	162	0	0	415
<b>Total:</b>	0	91	0	0	162	162	0	0	415
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	91	0	0	162	162	0	0	415
<b>Total*:</b>	0	91	0	0	162	162	0	0	415
<b>O &amp; M Costs (Savings)</b>			0	0	7	7	7	7	30
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		75	0	0	162	162	0	0	399
<b>Total:</b>		75	0	0	162	162	0	0	399

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### 2011 - 2016 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. No work is currently planned for drainage and wastewater facilities in 2015.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,181	32	52	80	56	8	0	131	2,540
<b>Total:</b>	2,181	32	52	80	56	8	0	131	2,540
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,181	32	52	80	56	8	0	131	2,540
<b>Total*:</b>	2,181	32	52	80	56	8	0	131	2,540
<b>O &amp; M Costs (Savings)</b>			27	27	27	27	27	27	162
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		32	52	80	56	8	0	131	359
<b>Total:</b>		32	52	80	56	8	0	131	359

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1	0	10	10	11	11	11	11	66
<b>Total:</b>	1	0	10	10	11	11	11	11	66
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1	0	10	10	11	11	11	11	66
<b>Total*:</b>	1	0	10	10	11	11	11	11	66
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	4

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

This ongoing project 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. This project was included in the 2010-2015 Adopted CIP as C309004 and C309005.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	26,692	5,961	3,162	4,771	6,493	6,921	7,145	7,208	68,353
<b>Total:</b>	26,692	5,961	3,162	4,771	6,493	6,921	7,145	7,208	68,353
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	26,692	5,961	3,162	4,771	6,493	6,921	7,145	7,208	68,353
<b>Total*:</b>	26,692	5,961	3,162	4,771	6,493	6,921	7,145	7,208	68,353
<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		5,970	3,162	4,771	6,493	6,921	7,145	7,208	41,669
<b>Total:</b>		5,970	3,162	4,771	6,493	6,921	7,145	7,208	41,669

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,651	1,022	1,270	1,829	1,971	2,437	2,686	2,816	16,680
<b>Total:</b>	2,651	1,022	1,270	1,829	1,971	2,437	2,686	2,816	16,680
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,651	1,022	1,270	1,829	1,971	2,437	2,686	2,816	16,680
<b>Total*:</b>	2,651	1,022	1,270	1,829	1,971	2,437	2,686	2,816	16,680
<b>O &amp; M Costs (Savings)</b>			167	167	167	167	167	167	1,001
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,022	1,270	1,829	1,971	2,437	2,686	2,816	14,030
<b>Total:</b>		1,022	1,270	1,829	1,971	2,437	2,686	2,816	14,030

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### 2011 - 2016 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>	Q4/2014
<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. This project was included in the 2010-2015 Adopted CIP as C303103.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,819	3,162	704	1,248	4,775	4,871	0	0	18,579
<b>Total:</b>	3,819	3,162	704	1,248	4,775	4,871	0	0	18,579
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,819	3,162	704	1,248	4,775	4,871	0	0	18,579
<b>Total*:</b>	3,819	3,162	704	1,248	4,775	4,871	0	0	18,579
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	186	186	372
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,250	704	1,248	4,775	4,871	0	0	12,848
<b>Total:</b>		1,250	704	1,248	4,775	4,871	0	0	12,848

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

### 2011 - 2016 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>	Q4/2020
<b>Location:</b>	S Henderson St.		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

This project provides construction of combined sewer overflows (CSO) facilities in the Henderson area in the southeast part of Seattle. Facilities will be built to meet level of service requirements for CSOs and comply with state and federal regulations. The project will meet requirements of the City's current National Pollutant Discharge Elimination System (NPDES) Wastewater Discharge Permit. Maintenance costs will not begin until after 2020, when the project completes construction. This project was included in the 2010-2015 Adopted CIP as C304102.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,767	2,754	2,142	3,225	5,412	3,355	22,082	22,974	66,712
<b>Total:</b>	4,767	2,754	2,142	3,225	5,412	3,355	22,082	22,974	66,712
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,767	2,754	2,142	3,225	5,412	3,355	22,082	22,974	66,712
<b>Total*:</b>	4,767	2,754	2,142	3,225	5,412	3,355	22,082	22,974	66,712
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,050	2,142	3,225	5,412	3,355	22,082	22,974	61,241
<b>Total:</b>		2,050	2,142	3,225	5,412	3,355	22,082	22,974	61,241

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### 2011 - 2016 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. This project was included in the 2010-2015 Adopted CIP as C302205.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,682	1,000	2,040	4,162	4,245	4,330	4,416	4,505	26,379
<b>Total:</b>	1,682	1,000	2,040	4,162	4,245	4,330	4,416	4,505	26,379
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,682	1,000	2,040	4,162	4,245	4,330	4,416	4,505	26,379
<b>Total*:</b>	1,682	1,000	2,040	4,162	4,245	4,330	4,416	4,505	26,379
<b>O &amp; M Costs (Savings)</b>			264	264	264	264	264	264	1,583
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,000	2,040	4,162	4,245	4,330	4,416	4,505	24,697
<b>Total:</b>		1,000	2,040	4,162	4,245	4,330	4,416	4,505	24,697

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## 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	41	26	23	362	236	149	135	25	997
<b>Total:</b>	41	26	23	362	236	149	135	25	997
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	41	26	23	362	236	149	135	25	997
<b>Total*:</b>	41	26	23	362	236	149	135	25	997
<b>O &amp; M Costs (Savings)</b>			19	19	19	19	19	19	116
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		126	23	362	236	149	135	25	1,056
<b>Total:</b>		126	23	362	236	149	135	25	1,056

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	20,890	2,721	6,350	5,385	1,460	933	491	497	38,727
<b>Total:</b>	20,890	2,721	6,350	5,385	1,460	933	491	497	38,727
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	20,890	2,721	6,350	5,385	1,460	933	491	497	38,727
<b>Total*:</b>	20,890	2,721	6,350	5,385	1,460	933	491	497	38,727
<b>O &amp; M Costs (Savings)</b>			387	387	387	387	387	387	2,323
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,379	6,350	5,385	1,460	933	491	497	18,495
<b>Total:</b>		3,379	6,350	5,385	1,460	933	491	497	18,495

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### 2011 - 2016 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 Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

This ongoing program provides for replacement of existing sewer lines citywide with pipes of the same diameter and capacity. Closed circuit television inspections identify defects in sewer mainlines, and each mainline defect is catalogued in an SPU database and assigned a priority that reflects the urgency of repair. Replacement is done by pipe-bursting methods that avoid extended pavement cutting.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	19	0	306	456	492	538	579	563	2,954
<b>Total:</b>	19	0	306	456	492	538	579	563	2,954
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	19	0	306	456	492	538	579	563	2,954
<b>Total*:</b>	19	0	306	456	492	538	579	563	2,954
<b>O &amp; M Costs (Savings)</b>			30	30	30	30	30	30	177
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	306	456	492	538	579	563	2,934
<b>Total:</b>		0	306	456	492	538	579	563	2,934

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	143	50	69	100	237	142	53	0	794
<b>Total:</b>	143	50	69	100	237	142	53	0	794
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	143	50	69	100	237	142	53	0	794
<b>Total*:</b>	143	50	69	100	237	142	53	0	794
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	8	8
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		132	69	100	237	142	53	0	733
<b>Total:</b>		132	69	100	237	142	53	0	733

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### 2011 - 2016 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>	Q4/2013
<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. This project was included in the 2010-2015 Adopted CIP as C308011.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,050	5,478	8,818	5,514	53	0	0	0	23,913
<b>Total:</b>	4,050	5,478	8,818	5,514	53	0	0	0	23,913
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,050	5,478	8,818	5,514	53	0	0	0	23,913
<b>Total*:</b>	4,050	5,478	8,818	5,514	53	0	0	0	23,913
<b>O &amp; M Costs (Savings)</b>			0	0	0	280	280	280	840
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		4,562	8,818	5,514	53	0	0	0	18,947
<b>Total:</b>		4,562	8,818	5,514	53	0	0	0	18,947

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### 2011 - 2016 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. Assuming the street sweeping program successfully and cost-effectively reduces the toxic pollutant load in stormwater runoff, the program will continue after 2012, with impacts on SPU's operating but not capital budget.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	314	825	0	0	0	0	1,139
<b>Total:</b>	0	0	314	825	0	0	0	0	1,139
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	314	825	0	0	0	0	1,139
<b>Total*:</b>	0	0	314	825	0	0	0	0	1,139
<b>O &amp; M Costs (Savings)</b>			712	1,050	1,071	1,091	1,113	1,124	6,161

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### 2011 - 2016 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. This project was included in the 2010-2015 Adopted CIP as C399315.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	769	0	0	117	584	1,300	140	0	2,909
<b>Total:</b>	769	0	0	117	584	1,300	140	0	2,909
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	769	0	0	117	584	1,300	140	0	2,909
<b>Total*:</b>	769	0	0	117	584	1,300	140	0	2,909
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	29	29
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	0	117	584	1,300	140	0	2,140
<b>Total:</b>		0	0	117	584	1,300	140	0	2,140

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## 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>	Q4/2012
<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. This project was included in the 2010-2015 Adopted CIP under C4120 Emergency Storms.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	351	1,424	4,375	546	0	0	0	0	6,696
<b>Total:</b>	351	1,424	4,375	546	0	0	0	0	6,696
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	351	1,424	4,375	546	0	0	0	0	6,696
<b>Total*:</b>	351	1,424	4,375	546	0	0	0	0	6,696
<b>O &amp; M Costs (Savings)</b>			0	0	67	67	67	67	268
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,424	4,375	546	0	0	0	0	6,344
<b>Total:</b>		1,424	4,375	546	0	0	0	0	6,344

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### 2011 - 2016 Adopted Capital Improvement Program

## SPU-Drainage & Wastewater

### Thornton Creek Water Quality Channel 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>	Q4/2004
<b>Project ID:</b>	C3343	<b>End Date:</b>	Q4/2011
<b>Location:</b>	330 NE 100th ST		
<b>Neighborhood Plan:</b>	Northgate	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	Northgate

This project provides preliminary engineering, design, and construction of a water quality facility on the south lot of Northgate Mall. The project includes excavation of fill material and creation of a water quality channel for storm flow from the existing public drainage system under NE 100th St. at 3rd Avenue NE. The project also includes improvements to pedestrian access and landscaping. The collaboration with private enterprise has resulted in land development with open space, natural drainage and economic viability, as well as enhanced water quality. This project was included in the 2010-2015 Adopted CIP as C343306.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	14,329	150	20	0	0	0	0	0	14,499
<b>Total:</b>	14,329	150	20	0	0	0	0	0	14,499
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	14,329	150	20	0	0	0	0	0	14,499
<b>Total*:</b>	14,329	150	20	0	0	0	0	0	14,499
<b>O &amp; M Costs (Savings)</b>			0	145	145	145	145	145	725
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		148	20	0	0	0	0	0	168
<b>Total:</b>		148	20	0	0	0	0	0	168

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### 2011 - 2016 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. This project was included in the 2010-2015 Adopted CIP as C302317.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,018	600	1,489	2,601	170	108	0	0	5,986
<b>Total:</b>	1,018	600	1,489	2,601	170	108	0	0	5,986
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,018	600	1,489	2,601	170	108	0	0	5,986
<b>Total*:</b>	1,018	600	1,489	2,601	170	108	0	0	5,986
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	125	125	250
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		600	1,489	2,601	170	108	0	0	4,968
<b>Total:</b>		600	1,489	2,601	170	108	0	0	4,968

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### 2011 - 2016 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>	Windermere Basin		
<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. This project was included in the 2010-2015 Adopted CIP as C302103.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	7,553	5,381	3,244	8,937	13,923	12,718	607	0	52,363
<b>Total:</b>	7,553	5,381	3,244	8,937	13,923	12,718	607	0	52,363
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	7,553	5,381	3,244	8,937	13,923	12,718	607	0	52,363
<b>Total*:</b>	7,553	5,381	3,244	8,937	13,923	12,718	607	0	52,363
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	524	524
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		5,104	3,244	8,937	13,923	12,718	607	0	44,533
<b>Total:</b>		5,104	3,244	8,937	13,923	12,718	607	0	44,533

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### 2011 - 2016 Adopted Capital Improvement Program

**SPU -  
SOLID WASTE**



## Overview of Facilities and Programs

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 two recycling and disposal stations, 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.

The City's solid waste collection system consists of the South Recycling and Disposal Station (SRDS), located in the South Park area of the city, and the North Recycling and Disposal Station, located just north of the Lake Washington Ship Canal near Stone Way. The South Household Hazardous Waste facility is located on the same site as the SRDS, while the North Household Hazardous Waste facility is located at North 125th Street, adjacent to the City-owned Haller Lake shops.

Private contractors collect household refuse and recyclables and deliver the waste to the recycling and disposal stations for its ultimate disposal. Private contractors also collect the City's commercial waste and deliver some of that waste to the City's recycling and disposal stations. Self-haulers, private individuals, and small contractors can also deliver their own refuse to the stations. Once deposited at a station, the trash is processed through a large compaction machine and placed in a sealed shipping container. This container is hauled by solid waste fleet trucks to the Union Pacific Railhead where it is placed on a train. Six times a week, the trains carry the loaded containers to a privately-owned regional landfill in eastern Oregon, where final disposal is accomplished. The trains return with empty containers to be refilled. Self-haulers may also bring their recyclables to the recycling and disposal stations. Materials are separated by the customer and placed in large bins. Once the bins are full, Solid Waste Field Operations personnel haul these bins to private recyclers for processing. Large goods (refrigerators, stoves, etc.) may also be brought to the stations for recycling. Customers can also bring unused pesticides and solvents to one of the two household hazardous waste sites. The City contracts with a private company to pick up and dispose of these materials.

The Solid Waste CIP is funded through solid waste rates and revenue bonds. Overhead costs for the CIP (such as rent and utilities) are currently budgeted in SPU's operating budget and then repaid as CIP expenditures are incurred.

## Highlights

- **South Transfer Station Rebuild:** This project will replace the existing solid waste transfer station that was built in 1966. The existing station is outdated and nearing the end of its useful life. The design and construction of replacement facilities include demolition of existing structures, excavation and removal of contaminated soil, backfill with clean soil, clean-up of the bus yard, re-alignment of a subsurface storm drain pipe to the perimeter of the site, and construction of the new recycling and reuse facilities, a household hazardous waste facility, and other utility facilities.
- **North Transfer Station Rebuild:** This project will replace the existing North Recycling and Disposal Station that was built in 1967. The existing station is outdated and nearing the end of its useful life. The design and construction of the new facility includes the demolition of the existing transfer station, demolition of a warehouse building, and construction of a new administrative building, employee facilities, recycling facilities, and other utility facilities. It also includes upgrading the parking lot for station parking. These two projects provide essential facilities for solid waste management in the City and enhance the recycling capability. They also provide the citizens of Seattle with sufficient recycling and solid waste services. Costs for both rebuilds include State

## Seattle Public Utilities – Solid Waste

Environmental Policy Act (SEPA) evaluations, permitting, property acquisition, design, construction, and purchase of facility equipment.

### Project Selection Process

SPU has adopted an asset management methodology for selecting projects to build. This is a triple bottom line approach which includes an in-depth analysis of the project's economic, social, and environmental benefits, and the ability to meet customer service levels. Using this approach, SPU has established a consistent analytical and modeling framework to achieve the most economical balance between capital investments and operation and maintenance expenditures to minimize the life cycle costs of any capital asset.

The Asset Management Committee (AMC), a committee of senior SPU executives, reviews each project valued at \$1 million or more and assures that only projects which minimize life cycle costs and meet triple bottom line criteria move forward. As a result of this analysis, several projects have been dropped when costs far exceed the benefits. Several cost-effective master planning efforts were approved to create up-to-date improvement and/or upgrade plans for several groups of assets. Other projects have been expanded or expedited because the benefits exceed the costs.

### Program Category Summaries

The 2011 Adopted Solid Waste CIP totals approximately \$29.2 million, (including Technology projects funded by the Solid Waste Fund, displayed in a separate section of this CIP), or \$10.1 million less than amounts planned for 2011 in the 2010-2015 Adopted CIP.

In the New Facilities Budget Control Level (BCL), the 2011 Adopted Budget of \$25.7 million is \$9.9 million lower than the 2011 planned funding level in the 2010-2015 Adopted CIP. This is mainly due to a reduction of \$8.1 million for the South Transfer Station Rebuild project. Delays in the design/build procurement process have delayed the start of construction and pushed significant costs into 2012. The 2011 allocation for the North Transfer Station Rebuild project was decreased by \$2.5 million; SPU has been working to build community support for the replacement of the Station, and the design/build procurement process will not start until 2011 after the community input process on station replacement alternatives has been completed.

In the Rehabilitation and Heavy Equipment BCL, the 2011 Adopted Budget of \$262,000 is \$116,000 higher than the 2011 planned funding level in the 2010-2015 Adopted CIP. The slight increase in this BCL is driven by two projects within the Kent Highlands Landfill project. The Kent Highlands Flare Replacement project was deferred from 2010 due to field modifications which have extended the useful life of the existing flare, and regulatory approval delays have resulted in overall delays to the Kent Highlands North Pond Diversion project.

In the Shared Cost Projects BCL, the 2011 Adopted Budget of \$1.9 million is \$93,000 lower than the planned funding level in the 2010-2015 Adopted CIP. This small change overall is related to minor adjustments to several of the projects in this BCL.

The Solid Waste CIP is composed of four program categories, which are summarized below.

**New Facilities:** This program plans, designs, and constructs new facilities to enhance solid waste operations. In 2011, SPU continues the implementation of its Solid Waste Facilities Master Plan, which features a two-station configuration.

## Seattle Public Utilities – Solid Waste

**Rehabilitation and Heavy Equipment:** This program designs and constructs projects to repair and/or upgrade solid waste facilities.

**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 funding from the Solid Waste Fund is primarily for Heavy Equipment Purchases, with minimal funding for the Operations Control Center Upgrade and Security Improvements.

**Technology:** This program makes use of recent technology advances to increase efficiency and productivity in addition to replacing vital systems that will no longer be supported beyond 2011. This program also includes Solid Waste portion of shared fund technology projects.

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

When appropriate, the projects in the Solid Waste Fund CIP include operations and maintenance cost estimates. These estimates are refined after project completion and are included as part of SPU's budget.

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

There are no Council provisos.





**Project Summary**

<b>BCL/Program Name/ Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>New Facilities</b>									<b>C230B</b>
Miscellaneous Station Improvements (C2303)	2,332	309	306	312	212	108	0	0	3,580
North Transfer Station Rebuild (C2306)	1,158	1,360	1,479	9,462	21,542	25,003	662	34	60,702
South Park Development (C2304)	788	920	690	667	10,082	9,816	0	0	22,963
South Recycling Disposal Station Household Hazardous Waste Relocation (C2305)	1	0	0	0	0	173	2,032	0	2,205
South Transfer Station Rebuild (C2302)	16,306	22,298	23,236	24,970	531	1,624	18,770	3,942	111,675
<b>New Facilities</b>	<b>20,585</b>	<b>24,887</b>	<b>25,710</b>	<b>35,411</b>	<b>32,368</b>	<b>36,725</b>	<b>21,464</b>	<b>3,975</b>	<b>201,124</b>
<b>Rehabilitation and Heavy Equipment</b>									<b>C240B</b>
2010 Solid Waste Comprehensive Plan Update (C2407)	83	160	97	0	0	0	0	0	340
Disaster Debris Management Plan (C2405)	213	30	7	0	0	0	0	0	250
Historic Landfill Improvements (C2406)	195	50	26	0	0	0	0	0	271
Kent Highlands Landfill (C2402)	433	631	82	198	32	22	22	23	1,442
Midway Landfill (C2403)	89	85	51	73	27	27	28	28	407
Solid Waste Containers (C2404)	11,606	4,500	0	0	0	0	0	0	16,106
<b>Rehabilitation and Heavy Equipment</b>	<b>12,619</b>	<b>5,456</b>	<b>262</b>	<b>271</b>	<b>58</b>	<b>49</b>	<b>50</b>	<b>51</b>	<b>18,815</b>
<b>Shared Cost Projects</b>									<b>C410B</b>
1% for Art – SWF (C4118-SWF)	34	236	252	358	353	349	148	335	2,066
Heavy Equipment Purchases - SWF (C4116-SWF)	2,237	1,986	1,576	1,859	1,592	1,624	1,656	1,689	14,219
Operational Facility - Construction - SWF (C4106-SWF)	0	0	0	0	83	86	329	236	734
Operational Facility - Other - SWF (C4115-SWF)	60	0	0	0	0	0	0	0	60
Operations Control Center - SWF (C4105-SWF)	613	13	17	26	18	3	0	41	730
Security Improvements - SWF (C4113-SWF)	27	17	15	52	53	27	17	17	225
<b>Shared Cost Projects</b>	<b>2,971</b>	<b>2,252</b>	<b>1,860</b>	<b>2,295</b>	<b>2,098</b>	<b>2,088</b>	<b>2,150</b>	<b>2,318</b>	<b>18,033</b>

\*Amounts in thousands of dollars

**2011 - 2016 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>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Technology</b>									<b>C510B</b>
Asset Information Management (C5407)	19	337	384	625	607	568	413	413	3,366
Customer Contact & Billing (C5402)	0	588	296	481	3,143	3,793	1,283	623	10,206
Enterprise Information Management (C5403)	0	192	73	170	165	113	119	117	949
IT Infrastructure (C5404)	101	201	291	271	276	276	300	348	2,065
Project Delivery & Performance (C5405)	14	321	371	438	410	474	453	453	2,936
Science & System Performance (C5406)	0	127	0	154	207	287	347	347	1,469
<b>Technology</b>	135	1,767	1,415	2,138	4,808	5,512	2,916	2,302	20,992
<b>Department Total*:</b>	36,310	34,362	29,248	40,115	39,332	44,373	26,580	8,646	258,965

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**

## SPU-Solid Waste

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Solid Waste Fund (45010)	36,310	34,362	29,248	40,115	39,332	44,373	26,580	8,646	258,965
<b>Department Total*:</b>	36,310	34,362	29,248	40,115	39,332	44,373	26,580	8,646	258,965

*\*Amounts in thousands of dollars*

**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	34	236	252	358	353	349	148	335	2,066
<b>Total:</b>	34	236	252	358	353	349	148	335	2,066
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	34	236	252	358	353	349	148	335	2,066
<b>Total*:</b>	34	236	252	358	353	349	148	335	2,066
<b>O &amp; M Costs (Savings)</b>			22	22	22	22	22	22	131
<b>Spending Plan by Fund</b>									
Solid Waste Fund		237	252	358	353	349	148	335	2,032
<b>Total:</b>		237	252	358	353	349	148	335	2,032

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

### 2011 - 2016 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>	Q4/2011
<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>	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 and was included in the 2010-2015 Adopted CIP as C209001.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	83	160	97	0	0	0	0	0	340
<b>Total:</b>	83	160	97	0	0	0	0	0	340
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	83	160	97	0	0	0	0	0	340
<b>Total*:</b>	83	160	97	0	0	0	0	0	340
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Solid Waste Fund		181	97	0	0	0	0	0	278
<b>Total:</b>		181	97	0	0	0	0	0	278

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

### 2011 - 2016 Adopted Capital Improvement Program

## SPU-Solid Waste

### Disaster Debris Management Plan

<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>	Q1/2006
<b>Project ID:</b>	C2405	<b>End Date:</b>	Q1/2011
<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 a citywide disaster debris management plan. Federal grant funds have been requested. The scope of the plan will depend on grant funding levels and grant requirements. This project was included in the 2010-2015 Adopted CIP as C206401.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	213	30	7	0	0	0	0	0	250
<b>Total:</b>	213	30	7	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	213	30	7	0	0	0	0	0	250
<b>Total*:</b>	213	30	7	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			7	3	3	3	3	3	20
<b>Spending Plan by Fund</b>									
Solid Waste Fund		30	7	0	0	0	0	0	37
<b>Total:</b>		30	7	0	0	0	0	0	37

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

## SPU-Solid Waste

### Heavy Equipment Purchases - SWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C4116-SWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program provides SPU's Solid Waste Utility crews with new and replacement heavy equipment that is used throughout Seattle and in parts of King County. Typical purchases include loaders, dozers, class 8 trucks, rail container chassis, yard waste and metal trailers, backhoes, and yard "goats" (a type of tractor.) These equipment purchases provide safe and efficient loading, transfer and short haul transportation of garbage, yard waste, metal, and other recyclables to the rail yard for "long haul" to the landfill and to contracted recycling processors. This project is one of four SPU fund-specific heavy equipment CIP projects.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	2,237	1,986	1,576	1,859	1,592	1,624	1,656	1,689	14,219
<b>Total:</b>	2,237	1,986	1,576	1,859	1,592	1,624	1,656	1,689	14,219
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,237	1,986	1,576	1,859	1,592	1,624	1,656	1,689	14,219
<b>Total*:</b>	2,237	1,986	1,576	1,859	1,592	1,624	1,656	1,689	14,219
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Solid Waste Fund		1,981	1,576	1,859	1,592	1,624	1,656	1,689	11,977
<b>Total:</b>		1,981	1,576	1,859	1,592	1,624	1,656	1,689	11,977

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### 2011 - 2016 Adopted Capital Improvement Program



## SPU-Solid Waste

### Historic Landfill Improvements

<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>	Q1/2006
<b>Project ID:</b>	C2406	<b>End Date:</b>	Q4/2011
<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 improvements at historic landfills within the City as required by Public Health to ensure protection of human health and the environment. These improvements include underground gas extractions, which are necessary when high levels of gasses are detected. This project was included in the 2010-2015 Adopted CIP as C206601.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	195	50	26	0	0	0	0	0	271
<b>Total:</b>	195	50	26	0	0	0	0	0	271
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	195	50	26	0	0	0	0	0	271
<b>Total*:</b>	195	50	26	0	0	0	0	0	271
<b>O &amp; M Costs (Savings)</b>			26	3	3	3	3	3	39
<b>Spending Plan by Fund</b>									
Solid Waste Fund		25	26	0	0	0	0	0	51
<b>Total:</b>		25	26	0	0	0	0	0	51

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### 2011 - 2016 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. This program was included in the 2010-2015 Adopted CIP as three different projects: C205404, C205405 and C205406.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	433	631	82	198	32	22	22	23	1,442
<b>Total:</b>	433	631	82	198	32	22	22	23	1,442
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	433	631	82	198	32	22	22	23	1,442
<b>Total*:</b>	433	631	82	198	32	22	22	23	1,442
<b>O &amp; M Costs (Savings)</b>			14	14	14	14	14	14	87
<b>Spending Plan by Fund</b>									
Solid Waste Fund		572	82	198	32	22	22	23	949
<b>Total:</b>		572	82	198	32	22	22	23	949

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

### 2011 - 2016 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 and to ensure that SPU maintains regulatory compliance, a smaller flare or new technology will be required. This program was included in the 2010-2015 Adopted CIP as two different projects: C205407 and C207003.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	89	85	51	73	27	27	28	28	407
<b>Total:</b>	89	85	51	73	27	27	28	28	407
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	89	85	51	73	27	27	28	28	407
<b>Total*:</b>	89	85	51	73	27	27	28	28	407
<b>O &amp; M Costs (Savings)</b>			4	4	4	4	4	4	24
<b>Spending Plan by Fund</b>									
Solid Waste Fund		9	51	73	27	27	28	28	242
<b>Total:</b>		9	51	73	27	27	28	28	242

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

### 2011 - 2016 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>	Q4/2014
<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 1966 and are at the end of their useful life. This work allows short term actions to ensure that these facilities operate reliably and safely, pending the completion of the Solid Waste Facilities Master Plan. The work includes emergency repair of a scale deck, installation of protective walls, replacement of a failing retaining wall, and temporary replacement/refurbishment of aging crew facilities. This project was included in the 2010-2015 Adopted CIP as C203005.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	2,332	309	306	312	212	108	0	0	3,580
<b>Total:</b>	2,332	309	306	312	212	108	0	0	3,580
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,332	309	306	312	212	108	0	0	3,580
<b>Total*:</b>	2,332	309	306	312	212	108	0	0	3,580
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	36	36	72
<b>Spending Plan by Fund</b>									
Solid Waste Fund		500	306	312	212	108	0	0	1,439
<b>Total:</b>		500	306	312	212	108	0	0	1,439

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

### 2011 - 2016 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 design and construction of a new facility includes the demolition of the existing transfer station and construction of a new transfer station on the existing site. It also includes demolition of a warehouse building on the adjacent property to the east and construction of a new administrative building, employee facilities, recycling facilities, other utility facilities, and upgrading the parking lot to the northeast of the existing station for station parking. This project provides essential facilities for solid waste management in the city and enhances the recycling capability and was included in the 2010-2015 Adopted CIP as C207005.

		LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>										
Solid Waste Rates		1,158	1,360	1,479	9,462	21,542	25,003	662	34	60,702
<b>Total:</b>		1,158	1,360	1,479	9,462	21,542	25,003	662	34	60,702
<b>Fund Appropriations/Allocations</b>										
Solid Waste Fund		1,158	1,360	1,479	9,462	21,542	25,003	662	34	60,702
<b>Total*:</b>		1,158	1,360	1,479	9,462	21,542	25,003	662	34	60,702
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
Solid Waste Fund			1,120	1,479	9,462	21,542	25,003	662	34	59,303
<b>Total:</b>			1,120	1,479	9,462	21,542	25,003	662	34	59,303

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	0	0	0	83	86	329	236	734
<b>Total:</b>	0	0	0	0	83	86	329	236	734
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	0	0	0	0	83	86	329	236	734
<b>Total*:</b>	0	0	0	0	83	86	329	236	734
<b>O &amp; M Costs (Savings)</b>			32	32	32	32	32	32	193
<b>Spending Plan by Fund</b>									
Solid Waste Fund		0	0	0	83	86	329	236	734
<b>Total:</b>		0	0	0	83	86	329	236	734

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

### 2011 - 2016 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 2011-2016 timeframe but as future projects are identified, necessary funding will be requested.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	60	0	0	0	0	0	0	0	60
<b>Total:</b>	60	0	0	0	0	0	0	0	60
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	60	0	0	0	0	0	0	0	60
<b>Total*:</b>	60	0	0	0	0	0	0	0	60
<b>O &amp; M Costs (Savings)</b>			4	4	4	4	4	0	20
<b>Spending Plan by Fund</b>									
Solid Waste Fund		70	0	0	0	0	0	0	70
<b>Total:</b>		70	0	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.*

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	613	13	17	26	18	3	0	41	730
<b>Total:</b>	613	13	17	26	18	3	0	41	730
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	613	13	17	26	18	3	0	41	730
<b>Total*:</b>	613	13	17	26	18	3	0	41	730
<b>O &amp; M Costs (Savings)</b>			8	8	8	8	8	8	47
<b>Spending Plan by Fund</b>									
Solid Waste Fund		10	17	26	18	3	0	41	114
<b>Total:</b>		10	17	26	18	3	0	41	114

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### 2011 - 2016 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>	Q4/2016
<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 funds physical, integrated security system components at Solid Waste infrastructure sites throughout the City. Components may include, but are not limited to, fences, gates, access control card readers, intercoms, lighting, door and hatch contacts, CCTV cameras, motion detection devices, and fiber and conduit. In addition, this program enhances protection of SPU's critical infrastructure and addresses vulnerabilities identified in U.S. Environmental Protection Agency (EPA) mandated vulnerability assessments.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	27	17	15	52	53	27	17	17	225
<b>Total:</b>	27	17	15	52	53	27	17	17	225
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	27	17	15	52	53	27	17	17	225
<b>Total*:</b>	27	17	15	52	53	27	17	17	225
<b>O &amp; M Costs (Savings)</b>			13	13	13	13	13	13	80
<b>Spending Plan by Fund</b>									
Solid Waste Fund		18	15	52	53	27	17	17	198
<b>Total:</b>		18	15	52	53	27	17	17	198

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### 2011 - 2016 Adopted Capital Improvement Program

## SPU-Solid Waste

### Solid Waste Containers

<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>	Q1/2005
<b>Project ID:</b>	C2404	<b>End Date:</b>	Q1/2011
<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 the acquisition of carts, cans, and dumpsters to support the collection of garbage, food, yardwaste, and recyclables under the new collection contracts. The desired inventory level is expected to be achieved by the end of 2010, but it is included in the 2011 CIP Budget for possible closeout expenditures. This project was included in the 2010-2015 Adopted CIP as C205412.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	11,606	4,500	0	0	0	0	0	0	16,106
<b>Total:</b>	11,606	4,500	0	0	0	0	0	0	16,106
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	11,606	4,500	0	0	0	0	0	0	16,106
<b>Total*:</b>	11,606	4,500	0	0	0	0	0	0	16,106

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### 2011 - 2016 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>	Q4/2014
<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. This project was included in the 2010-2015 Adopted CIP as C206402.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	788	920	690	667	10,082	9,816	0	0	22,963
<b>Total:</b>	788	920	690	667	10,082	9,816	0	0	22,963
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	788	920	690	667	10,082	9,816	0	0	22,963
<b>Total*:</b>	788	920	690	667	10,082	9,816	0	0	22,963
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	50	50	100
<b>Spending Plan by Fund</b>									
Solid Waste Fund		975	690	667	10,082	9,816	0	0	22,230
<b>Total:</b>		975	690	667	10,082	9,816	0	0	22,230

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### 2011 - 2016 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>	Q1/2014
<b>Project ID:</b>	C2305	<b>End Date:</b>	Q4/2015
<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 needs to be complete before this project can start. This project was included in the 2010-2015 Adopted CIP as C207002.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	1	0	0	0	0	173	2,032	0	2,205
<b>Total:</b>	1	0	0	0	0	173	2,032	0	2,205
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	1	0	0	0	0	173	2,032	0	2,205
<b>Total*:</b>	1	0	0	0	0	173	2,032	0	2,205
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	22	22

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### 2011 - 2016 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>	Q4/2016
<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.

	<b>LTD Actuals</b>	<b>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
Solid Waste Rates	16,306	22,298	23,236	24,970	531	1,624	18,770	3,942	111,675
<b>Total:</b>	16,306	22,298	23,236	24,970	531	1,624	18,770	3,942	111,675
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	16,306	22,298	23,236	24,970	531	1,624	18,770	3,942	111,675
<b>Total*:</b>	16,306	22,298	23,236	24,970	531	1,624	18,770	3,942	111,675
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Solid Waste Fund		17,012	23,236	24,970	531	1,624	18,770	3,942	90,083
<b>Total:</b>		17,012	23,236	24,970	531	1,624	18,770	3,942	90,083

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### 2011 - 2016 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>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Technology</b>									<b>C510B</b>
Asset Information Management (C5407)	410	2,315	3,258	3,072	3,771	3,529	2,566	2,566	21,487
Customer Contact & Billing (C5402)	0	2,523	1,311	2,985	11,127	13,060	5,869	3,869	40,744
Enterprise Information Management (C5403)	0	1,105	455	1,059	1,025	701	740	725	5,810
IT Infrastructure (C5404)	1,175	1,355	2,137	1,685	1,716	1,720	1,869	2,169	13,825
Project Delivery & Performance (C5405)	106	2,337	2,350	2,721	2,548	2,946	2,815	2,815	18,638
Science & System Performance (C5406)	0	940	737	1,685	1,284	1,784	2,156	2,156	10,742
<b>Technology</b>	1,691	10,575	10,248	13,207	21,471	23,740	16,015	14,301	111,247
<b>Department Total*:</b>	1,691	10,575	10,248	13,207	21,471	23,740	16,015	14,301	111,247

*\*Amounts in thousands of dollars*



## SPU-Technology

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Drainage and Wastewater Fund (44010)	819	4,091	4,062	5,001	7,664	8,425	5,888	5,319	41,269
Solid Waste Fund (45010)	135	1,767	1,415	2,138	4,808	5,512	2,916	2,302	20,992
Water Fund (43000)	738	4,717	4,770	6,067	8,998	9,803	7,211	6,680	48,985
<b>Department Total*:</b>	<b>1,691</b>	<b>10,575</b>	<b>10,248</b>	<b>13,207</b>	<b>21,471</b>	<b>23,740</b>	<b>16,015</b>	<b>14,301</b>	<b>111,247</b>

*\*Amounts in thousands of dollars*

**2011 - 2016 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. In the 2010-2015 Adopted CIP, this project was titled "Technical Information Management".

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	19	337	384	625	607	568	413	413	3,366
Drainage and Wastewater Rates	328	997	1,235	784	1,414	1,323	962	962	8,006
Water Rates	63	981	1,640	1,663	1,750	1,638	1,191	1,191	10,115
<b>Total:</b>	410	2,315	3,258	3,072	3,771	3,529	2,566	2,566	21,487
<b>Fund Appropriations/Allocations</b>									
Water Fund	63	981	1,640	1,663	1,750	1,638	1,191	1,191	10,115
Drainage and Wastewater Fund	328	997	1,235	784	1,414	1,323	962	962	8,006
Solid Waste Fund	19	337	384	625	607	568	413	413	3,366
<b>Total*:</b>	410	2,315	3,258	3,072	3,771	3,529	2,566	2,566	21,487
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		755	1,640	1,663	1,750	1,638	1,191	1,191	9,826
Drainage and Wastewater Fund		640	1,235	784	1,414	1,323	962	962	7,321
Solid Waste Fund		0	384	625	607	568	413	413	3,010
<b>Total:</b>		1,395	3,258	3,072	3,771	3,529	2,566	2,566	20,157

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**Customer Contact & Billing**

<b>BCL/Program Name:</b>	Technology	<b>BCL/Program Code:</b>	C510B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C5402	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program will provide technology solutions and business application upgrades in support of SPU's Customer Contact Center and activities carried out by the Customer Service Branch. Planned projects include, but are not limited to, an upgrade to the Consolidated Customer Service System and new technology solutions for enhanced customer contact management. This program is intended to enhance customer service, ensure accurate billing, and improve efficiency in the Call Center.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	769	547	1,385	4,171	4,820	2,475	1,795	15,962
Drainage and Wastewater Rates	0	1,166	469	1,119	3,813	4,447	2,111	1,451	14,575
Solid Waste Rates	0	588	296	481	3,143	3,793	1,283	623	10,206
<b>Total:</b>	0	2,523	1,311	2,985	11,127	13,060	5,869	3,869	40,744
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	769	547	1,385	4,171	4,820	2,475	1,795	15,962
Drainage and Wastewater Fund	0	1,166	469	1,119	3,813	4,447	2,111	1,451	14,575
Solid Waste Fund	0	588	296	481	3,143	3,793	1,283	623	10,206
<b>Total*:</b>	0	2,523	1,311	2,985	11,127	13,060	5,869	3,869	40,744
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		496	547	1,385	4,171	4,820	2,475	1,795	15,688
Drainage and Wastewater Fund		366	469	1,119	3,813	4,447	2,111	1,451	13,776
Solid Waste Fund		169	296	481	3,143	3,793	1,283	623	9,787
<b>Total:</b>		1,030	1,311	2,985	11,127	13,060	5,869	3,869	39,251

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**Enterprise Information Management**

<b>BCL/Program Name:</b>	Technology	<b>BCL/Program Code:</b>	C510B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C5403	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program will provide 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. In the 2010-2015 Adopted CIP, this project was titled "Information Management".

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	192	73	170	165	113	119	117	949
Drainage and Wastewater Rates	0	305	171	397	384	263	278	272	2,069
Water Rates	0	608	211	491	476	325	343	336	2,791
<b>Total:</b>	0	1,105	455	1,059	1,025	701	740	725	5,810
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	608	211	491	476	325	343	336	2,791
Drainage and Wastewater Fund	0	305	171	397	384	263	278	272	2,069
Solid Waste Fund	0	192	73	170	165	113	119	117	949
<b>Total*:</b>	0	1,105	455	1,059	1,025	701	740	725	5,810
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		1,225	211	491	476	325	343	336	3,408
Drainage and Wastewater Fund		770	171	397	384	263	278	272	2,534
Solid Waste Fund		380	73	171	165	113	119	117	1,138
<b>Total:</b>		2,375	455	1,059	1,025	701	740	725	7,080

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## 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 IT asset management program ensures the availability, reliability, and security of SPU's corporate computing infrastructure. The program acquires and maintains SPU-owned and managed servers, local networks, shared storage and backup systems, operating software, and communications infrastructure.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	618	661	1,076	810	824	826	895	1,051	6,762
Drainage and Wastewater Rates	456	493	769	604	616	617	673	769	4,999
Solid Waste Rates	101	201	291	271	276	276	300	348	2,065
<b>Total:</b>	1,175	1,355	2,137	1,685	1,716	1,720	1,869	2,169	13,825
<b>Fund Appropriations/Allocations</b>									
Water Fund	618	661	1,076	810	824	826	895	1,051	6,762
Drainage and Wastewater Fund	456	493	769	604	616	617	673	769	4,999
Solid Waste Fund	101	201	291	271	276	276	300	348	2,065
<b>Total*:</b>	1,175	1,355	2,137	1,685	1,716	1,720	1,869	2,169	13,825
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		904	1,076	810	824	826	895	1,051	6,387
Drainage and Wastewater Fund		700	769	604	616	617	673	769	4,750
Solid Waste Fund		186	291	271	276	276	300	348	1,949
<b>Total:</b>		1,790	2,137	1,685	1,716	1,720	1,869	2,169	13,086

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

### 2011 - 2016 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 development of an Enterprise Project Management System, replacement of the Engineering Support Contract Payments system, and SPU's share of costs for the City's central financial system upgrades. Future projects may include development of new Enterprise Resource Planning systems such as HR provisioning and financial reporting. This program will result in an improved ability to plan and deliver projects on schedule and within budget.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Solid Waste Rates	14	321	371	438	410	474	453	453	2,936
Drainage and Wastewater Rates	34	754	829	1,008	955	1,105	1,056	1,056	6,797
Water Rates	57	1,262	1,150	1,275	1,182	1,367	1,306	1,306	8,905
<b>Total:</b>	106	2,337	2,350	2,721	2,548	2,946	2,815	2,815	18,638
<b>Fund Appropriations/Allocations</b>									
Water Fund	57	1,262	1,150	1,275	1,182	1,367	1,306	1,306	8,905
Drainage and Wastewater Fund	34	754	829	1,008	955	1,105	1,056	1,056	6,797
Solid Waste Fund	14	321	371	438	410	474	453	453	2,936
<b>Total*:</b>	106	2,337	2,350	2,721	2,548	2,946	2,815	2,815	18,638
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		1,586	1,150	1,275	1,182	1,367	1,306	1,306	9,172
Drainage and Wastewater Fund		992	829	1,008	955	1,105	1,056	1,056	7,001
Solid Waste Fund		428	371	438	410	474	453	453	3,029
<b>Total:</b>		3,006	2,350	2,721	2,548	2,946	2,815	2,815	19,201

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

**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, improvements to the drinking water laboratory information system, 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. In the 2010-2015 Adopted CIP, this project was titled "Science Information Management".

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	436	147	443	596	828	1,000	1,000	4,450
Drainage and Wastewater Rates	0	377	590	1,088	481	669	809	809	4,823
Solid Waste Rates	0	127	0	154	207	287	347	347	1,469
<b>Total:</b>	0	940	737	1,685	1,284	1,784	2,156	2,156	10,742
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	436	147	443	596	828	1,000	1,000	4,450
Drainage and Wastewater Fund	0	377	590	1,088	481	669	809	809	4,823
Solid Waste Fund	0	127	0	154	207	287	347	347	1,469
<b>Total*:</b>	0	940	737	1,685	1,284	1,784	2,156	2,156	10,742
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		178	147	443	596	828	1,000	1,000	4,193
Drainage and Wastewater Fund		407	590	1,088	482	669	809	809	4,852
Solid Waste Fund		242	0	154	207	287	347	347	1,584
<b>Total:</b>		828	737	1,685	1,284	1,784	2,156	2,156	10,630

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

**2011 - 2016 Adopted Capital Improvement Program**

# **SPU - WATER**



## Overview of Facilities and Programs

Seattle Public Utilities (SPU) operates the City-owned water system serving a population of approximately 1.45 million people in a 450-square-mile area. The system extends from Edmonds to Des Moines and from Puget Sound to Lake Joy near Duvall. SPU retails water in Seattle and adjacent areas, and sells wholesale to 21 suburban water utilities and two interlocal associations for distribution of water to their customers. SPU's Capital Improvement Program (CIP) is the vehicle for upgrading and expanding water infrastructure as well as constructing projects that protect, conserve, and enhance the region's environmental resources. The overarching goal of the CIP is to assure that the water system is properly upgraded and expanded to reliably deliver high-quality, safe drinking water to customers, protect the environment, and comply with regulations.

The Utilities' Water Fund (WF) financial policies, adopted in 2005, require cash contributions to be provided to the CIP, averaging 20% of total CIP costs over any given rate period. The remaining portion of the Water Fund CIP is bond funded. Overhead costs for the CIP are budgeted in the SPU operating fund and are reimbursed as CIP expenditures are incurred.

The 2011-2016 time period will substantially close out the era of major projects in the Water Fund, including two water treatment plants, coverings for several reservoirs, fish passage improvements and construction of a sockeye hatchery consistent with regulatory requirements and the Cedar River Habitat Conservation Plan. These projects have helped secure the supply of safe drinking water and provide appropriate stewardship of the watersheds consistent with federal and state requirements. In the coming years, the overall CIP will be reduced, and investments will be focused on maintaining the physical infrastructure for distribution and transmission of clean drinking water, with continued watershed stewardship. Only one large construction project is contemplated during the period 2011-2016: the Morse Lake Pump project. The project is not funded after 2011 in the 2011-2016 Adopted CIP, however, because major design options for the project are currently under evaluation. Full funding is anticipated when project options have been determined. The project will ensure that Masonry Pool, which abuts Morse Lake, discharges enough water into the Cedar River to maintain the supply of fresh drinking water in the region and sustain fish habitats.

## Highlights

- Open Distribution System Reservoirs:** Consistent with Ordinance 120899, Seattle Public Utilities (SPU) is replacing its open finished drinking water reservoirs with underground structures that will improve the quality and security of the water system. The City finished underground replacement work on Magnolia Reservoir in 1995 and Lincoln Reservoir in 2004. Construction of the Beacon and Myrtle Reservoir under-grounding began in 2006. Both of these reservoirs have been put back into service and will be completed in 2011. Construction of a new buried reservoir to replace West Seattle Reservoir began in 2008 and is targeted for completion by the end of 2013. The construction of Maple Leaf Reservoir's replacement began in 2009 and is scheduled to end in mid 2013. SPU plans to decommission Roosevelt Reservoir, and further evaluate the possibility of decommissioning Volunteer Reservoir; however, permanent actions at these two reservoirs are not expected to occur until after Maple Leaf Reservoir is completed and the City has had an opportunity to take them off-line for a period of time to observe the water system's performance without them.
- Cedar River Watershed Habitat Conservation Plan (HCP):** In 2000, after seven years of intensive study and negotiation with state, federal, and tribal authorities, the City entered into a 50-year habitat conservation plan for the Cedar River Watershed. This agreement commits the City to certain projects and management practices to mitigate the environmental impacts of drinking water diversions. Major HCP components include investments in fisheries enhancement projects such as

the Landsburg Fish Passage Improvements, which was completed in 2004. The remaining large fisheries enhancement projects within the Cedar River HCP Program are the Cedar Sockeye Hatchery, and acquisition of fish habitat lands in the lower Cedar River. Other HCP projects within the municipal watershed include culvert improvements and other stream restoration work, removal of logging roads, and forest restoration. Research and monitoring are also being conducted in association with many of these projects. Approximately \$30.0 million is included in the 2011-2016 Adopted CIP for these projects.

- **Morse Lake Pump Plant:** This project, when fully funded, will replace or rehabilitate the existing barge-mounted pump plants at Chester Morse Lake, which are near or at the end of their useful life. 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. Various project options are currently being evaluated through the Asset Management process and the project will not be fully funded until final determination has been made.

### Project Selection Process

SPU has adopted an asset management methodology for selecting projects to build. This is a triple bottom line approach which includes an in-depth analysis of the project's economic, social, and environmental benefits, and the ability to meet customer service levels. Using this approach, SPU has established a consistent analytical and modeling framework to achieve the most economical balance between capital investments and operation and maintenance expenditures to minimize the life cycle costs of any capital asset.

The Asset Management Committee (AMC), a committee of senior SPU executives, reviews each project valued at \$1 million or more and assures that only projects which minimize life cycle costs and meet triple bottom line criteria move forward. As a result of this analysis, several projects have been dropped when costs far exceed the benefits. Several cost-effective master planning efforts were approved to create up-to-date improvement and/or upgrade plans for several groups of assets. Other projects have been expanded or expedited because the benefits exceed the costs.

### Program Category Summaries

The Adopted Water CIP totals approximately \$79.1 million in 2011, including Technology projects funded by the Water Fund and displayed in a separate section of this CIP, or \$8.4 million less than the 2011 Endorsed Budget.

In the Distribution Budget Control Level (BCL), the 2011 Adopted Budget of \$20.5 million is \$0.8 million lower than the 2011 planned funding level in the 2010-2015 Adopted CIP. This is largely due to a reduction in the New Taps project to reflect the continued slowdown in real estate development, which has resulted in a decrease in the demand for new taps.

In the Habitat Conservation Program BCL, the 2011 Adopted Budget of \$11.1 million is \$2.5 million higher than the 2011 planned funding level in the 2010-2015 Adopted CIP. This is due mostly to timing shifts in the Cedar Sockeye Hatchery project. This project is a requirement of the Cedar River Watershed's Habitat Conservation Plan and was initially slated for completion in 2005, but significant and numerous legal challenges resulted in a multiple-year delay in construction contract procurement. Construction commenced in July of 2010.

In the Shared Cost Projects BCL, the 2011 Adopted Budget of \$15.0 million is \$5.7 million lower than the 2011 planned funding level in the 2010-2015 Adopted CIP. This reduction is driven in part by schedule changes to some of the major transportation projects as well as the expected completion of other transportation projects in 2010. Reductions were also made to the Integrated Control Monitoring Program (I-SCADA), primarily to fund higher priority projects while still meeting the overall CIP fund target. The Heavy Equipment Purchases program was also reduced in 2011 and 2012 to reflect equipment downsizing efforts and projected heavy equipment fleet replacements in those years.

In the Transmission BCL, the 2011 Adopted Budget of \$1.7 million is lower than the 2011 planned funding level in the 2010-2015 Adopted CIP by \$1.6 million. This net reduction is the result of two conflicting financial pressures. While this BCL is to be the focus of several asset management investments by the Water Fund in the coming years, SPU is also committed to reducing the overall size of the Water CIP, including this BCL. In addition, more is known about the projects in this BCL than when the Endorsed Budget was created.

In the Water Quality and Treatment BCL, the 2011 Adopted Budget of \$18.3 million is lower than the 2011 planned funding level in the 2010-2015 Adopted CIP by \$2.6 million. The majority of the Reservoir Covering projects are nearing completion, and Volunteer Reservoir is being evaluated for possible decommissioning once others are back in service.

In the Water Resources BCL, the 2011 Adopted Budget of \$6.5 million is higher than the 2011 planned funding level in the 2010-2015 Adopted CIP by \$0.6 million. Funding for the Morse Lake Pump project is not included in the out years of the 2011-2016 Adopted CIP. The project was the subject of a value engineering evaluation in late 2009, which identified several different options. The City will consider full funding for this project once final project direction has been determined.

In the Watershed Stewardship BCL, the 2011 Adopted Budget of \$1.1 million is lower than the 2011 planned funding level in the 2010-2015 Adopted CIP by \$1.1 million. This reduction reflects the Water Fund's focus on investments in the Distribution and Transmission BCLs. In addition, all bridge projects in this BCL have been zeroed out pending Business Case approval, and will be considered for funding during 2011. Finally, funding for road improvements has been shifted from this BCL to the Habitat Conservation Program BCL in order to simplify tracking of Habitat Conservation Plan commitments.

The Water CIP is comprised of eight program categories, which are summarized below.

**Distribution:** Projects and programs in this program category relate to repairs and upgrades to the City's water lines, pump stations, and other facilities that are part of the distribution system (serving only retail customers).

**Habitat Conservation Plan:** This program category includes projects and programs directly related to implementation of the Cedar River Watershed Habitat Conservation Plan. Projects 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.

**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 the Alaskan Way Viaduct & Seawall Replacement, Bridging the Gap, Heavy Equipment Purchases, and Security Improvements.

**Technology:** This program category makes use of recent technology advances to increase efficiency and productivity. Water-supported technology projects are shown grouped with technology projects supported by SPU's other fund sources.

**Transmission:** The purpose of this program category is to repair and upgrade the City's large transmission pipelines that bring untreated water to the treatment facilities, and convey water from the treatment facilities to Seattle and its suburban wholesale customers' distribution systems.

**Water Quality & Treatment:** The purpose of this program category is to design, construct, and repair water treatment facilities, and remaining open water reservoirs. This program also manages the delivery of drinking water quality and treatment services to meet customer and environmental service levels and to comply with state and federal drinking water regulations.

**Water Resources:** The purpose of this program category is to manage untreated water to meet anticipated demands at our supply-reliability standard and instream flow requirement, and promote residential and commercial water conservation.

**Watershed Stewardship:** Projects and programs in this program category provide habitat protection and restoration, sustain the environment, and enhance environmental quality, both locally and regionally. Most of the projects in this program category are located within the Cedar and Tolt River municipal watersheds. Three of these projects are being carried out in response to the listing of the Chinook salmon as a threatened species under the Endangered Species Act.

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

When appropriate, the projects in the Water Fund 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**

<b>BCL/Program Name/ Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Distribution</b>					<b>BCL/Program Code:</b>				<b>C110B</b>
Chamber Upgrades - Distribution (C1137)	684	175	26	26	27	27	28	28	1,020
Distribution System Improvements (C1128)	404	33	816	4,682	4,775	10,824	11,041	11,262	43,837
Distribution System In-Line Gate Valves (C1136)	774	510	765	586	106	108	110	113	3,072
Multiple Utility Relocation (C1133)	1,178	1,580	510	520	531	812	828	845	6,804
Pump Station Improvements (C1135)	2	77	79	780	796	541	552	563	3,390
Tank Improvements (C1134)	491	1,294	1,123	1	1	1	1	1	2,913
Water Infrastructure - Hydrant Replacement/Relocation (C1110)	3,876	372	177	276	288	299	311	318	5,917
Water Infrastructure - New Hydrants (C1112)	514	112	114	110	115	119	125	127	1,336
Water Infrastructure - New Taps (C1113)	78,387	8,207	7,650	7,803	7,959	8,118	8,281	8,447	134,851
Water Infrastructure - Service Renewal (C1109)	78,541	7,732	7,854	3,849	3,926	4,005	4,085	4,167	114,160
Water Infrastructure - Watermain Extensions (C1111)	11,329	1,530	612	624	1,148	1,195	1,243	1,268	18,950
Water Infrastructure-Seismic Upgrade Pipelines (C1102)	958	306	1	1	318	325	331	338	2,578
Watermain Rehabilitation (C1129)	587	452	765	1,561	1,592	3,247	3,312	3,379	14,895
<b>Distribution</b>	<b>177,725</b>	<b>22,380</b>	<b>20,492</b>	<b>20,819</b>	<b>21,582</b>	<b>29,621</b>	<b>30,249</b>	<b>30,855</b>	<b>353,722</b>
<b>Transmission</b>					<b>BCL/Program Code:</b>				<b>C120B</b>
Cathodic Protection Program (C1208)	572	300	357	1,665	1,698	1,732	1,767	1,802	9,892
Purveyor Meters Replace - SPU (C1206)	78	200	102	104	106	108	110	113	921
Replace Air Valve Chambers (C1209)	196	100	107	111	115	119	125	127	1,000
Transmission Pipelines Rehabilitation (C1207)	1,787	2,464	1,020	1,040	1,061	1,082	1,104	1,126	10,685
Water System Dewatering (C1205)	103	100	102	104	106	108	110	113	846
<b>Transmission</b>	<b>2,736</b>	<b>3,164</b>	<b>1,688</b>	<b>3,024</b>	<b>3,086</b>	<b>3,150</b>	<b>3,216</b>	<b>3,281</b>	<b>23,345</b>
<b>Watershed Stewardship</b>					<b>BCL/Program Code:</b>				<b>C130B</b>
Cedar Bridges (C1307)	170	100	0	0	0	0	0	0	270

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

## Project Summary

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Cedar River - Boundary Land Acquisition (C1312)	2,848	298	265	187	249	140	0	0	3,988
Cedar River Watershed Cultural Resource Information Management System (C1315)	17	106	102	0	0	0	0	0	225
Endangered Species Act Snohomish River Basin (C1313)	292	0	53	0	0	0	0	0	345
Kerriston Road (C1314)	37	0	612	624	637	649	662	676	3,897
Tolt Bridges (C1308)	0	0	0	0	0	0	0	0	0
Tolt Watershed Restoration (C1310)	42	278	109	85	0	0	0	0	514
<b>Watershed Stewardship</b>	<b>3,405</b>	<b>782</b>	<b>1,142</b>	<b>897</b>	<b>886</b>	<b>789</b>	<b>662</b>	<b>676</b>	<b>9,238</b>
<b>Water Quality &amp; Treatment</b>									<b>BCL/Program Code: C140B</b>
Cedar Fluoridation Relocation (C1416)	0	299	408	2,601	106	0	0	0	3,414
Cedar Treatment Screening Improvements (C1415)	67	408	153	416	424	0	0	0	1,469
Landsburg Chlorination Upgrades (C1417)	0	0	20	208	743	108	0	0	1,080
Reservoir Covering - Beacon (C1408)	41,977	1,501	255	0	0	0	0	0	43,733
Reservoir Covering - Maple Leaf (C1411)	3,842	15,440	16,728	4,474	618	0	0	0	41,102
Reservoir Covering - Myrtle (C1410)	12,022	300	102	0	0	0	0	0	12,424
Reservoir Covering - Volunteer (C1407)	94	54	0	0	0	108	552	2,252	3,061
Reservoir Covering - West Seattle (C1409)	28,962	6,300	510	104	27	0	0	0	35,902
Treatment Facility/Water Quality Improvements (C1413)	124	154	102	104	106	108	110	113	921
Water Quality Equipment (C1414)	180	200	51	208	212	0	0	0	852
<b>Water Quality &amp; Treatment</b>	<b>87,268</b>	<b>24,656</b>	<b>18,329</b>	<b>8,115</b>	<b>2,236</b>	<b>325</b>	<b>662</b>	<b>2,365</b>	<b>143,957</b>
<b>Water Resources</b>									<b>BCL/Program Code: C150B</b>
Dam Safety Program (C1506)	3,224	0	689	609	186	108	1,104	3,942	9,861
Morse Lake Pump Plant (C1508)	7,943	11,750	1,326	0	0	0	0	0	21,019
Regional Water Conservation Program (C1504)	12,157	3,025	3,366	3,229	3,495	3,636	3,783	3,942	36,632

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Seattle Direct Service Additional Conservation (C1505)	4,069	765	663	676	690	704	718	732	9,016
Water Supply Flexibility Program (C1507)	125	154	0	0	0	0	739	3,563	4,580
Water System Plan - 2013 (C1509)	0	99	473	256	26	0	0	0	854
Water System Plan - 2019 (C1510)	0	0	0	0	0	0	0	113	113
<b>Water Resources</b>	27,519	15,793	6,516	4,770	4,396	4,448	6,343	12,291	82,075
<b>Habitat Conservation Program</b>									<b>C160B</b>
Ballard Locks Improvements (C1606)	357	22	8	0	0	1,474	0	0	1,862
Cedar Sockeye Hatchery (C1605)	5,966	4,802	5,669	520	0	0	0	0	16,957
Downstream Fish Habitat (C1607)	3,612	1,743	2,474	652	994	11	11	0	9,497
Instream Flow Management Studies (C1608)	1,203	683	516	554	572	590	610	617	5,345
Stream & Riparian Restoration (C1602)	5,274	620	375	389	424	439	349	356	8,226
Upland Reserve Forest Restoration (C1603)	5,105	634	599	611	623	636	649	327	9,185
Watershed Road Improvement/Decommissioning (C1601)	8,360	832	1,482	1,511	1,541	1,572	1,603	1,014	17,915
<b>Habitat Conservation Program</b>	29,878	9,337	11,123	4,237	4,154	4,722	3,222	2,314	68,987
<b>Shared Cost Projects</b>									<b>C410B</b>
1% for Art – WF (C4118-WF)	713	219	200	132	192	257	276	238	2,227
Alaskan Way Viaduct & Seawall Replacement Program - WF (C4102-WF)	1,202	1,449	3,216	3,982	2,540	2,126	1,587	1,139	17,239
Bridging the Gap - WF (C4119 -WF)	3,550	4,543	2,020	1,946	1,910	1,948	1,987	2,027	19,930
Emergency Storms - WF (C4120-WF)	4	102	51	52	53	54	55	56	428
First Hill Streetcar - WF (C4130-WF)	0	556	732	801	226	0	0	0	2,316
Heavy Equipment Purchases - WF (C4116-WF)	997	2,469	2,162	1,831	2,122	2,165	2,208	2,252	16,207
Integrated Control Monitoring Program - WF (C4108-WF)	4,474	1,889	462	504	530	538	552	514	9,462

\*Amounts in thousands of dollars

### 2011 - 2016 Adopted Capital Improvement Program

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
Mercer Corridor Project East Phase - WF (C4114-WF)	96	1,200	800	600	511	0	0	0	3,207
Mercer Corridor Project West Phase - WF (C4133-WF)	0	168	251	958	911	0	0	0	2,288
Meter Replacement - WF (C4101-WF)	3,259	1,000	612	628	728	653	666	679	8,225
Operational Facility - Construction - WF (C4106-WF)	72	356	278	522	1,287	4,734	3,414	2,474	13,138
Operational Facility - Other - WF (C4115-WF)	12	152	379	353	82	0	0	0	979
Operations Control Center - WF (C4105-WF)	4,022	73	118	179	126	18	0	279	4,814
Other Major Transportation Projects - WF (C4123-WF)	0	0	20	52	265	271	55	56	720
Regional Facility - WF (C4107-WF)	435	1,214	1,961	4,054	3,994	1,653	2,494	5,012	20,817
Security Improvements - WF (C4113-WF)	1,080	1,456	1,441	1,574	1,842	1,827	1,780	1,816	12,816
Sound Transit - Water Betterment (C4125)	1,477	214	204	208	0	0	0	0	2,103
Sound Transit – University Link - WF (C4110-WF)	73	147	71	108	226	130	43	0	797
Spokane Street Viaduct - WF (C4134-WF)	1,699	452	70	0	0	0	0	0	2,221
<b>Shared Cost Projects</b>	<b>23,165</b>	<b>17,658</b>	<b>15,048</b>	<b>18,482</b>	<b>17,547</b>	<b>16,374</b>	<b>15,118</b>	<b>16,543</b>	<b>139,935</b>
<b>Technology</b>									<b>BCL/Program Code: C510B</b>
Asset Information Management (C5407)	63	981	1,640	1,663	1,750	1,638	1,191	1,191	10,115
Customer Contact & Billing (C5402)	0	769	547	1,385	4,171	4,820	2,475	1,795	15,962
Enterprise Information Management (C5403)	0	608	211	491	476	325	343	336	2,791
IT Infrastructure (C5404)	618	661	1,076	810	824	826	895	1,051	6,762
Project Delivery & Performance (C5405)	57	1,262	1,150	1,275	1,182	1,367	1,306	1,306	8,905
Science & System Performance (C5406)	0	436	147	443	596	828	1,000	1,000	4,450
<b>Technology</b>	<b>738</b>	<b>4,717</b>	<b>4,770</b>	<b>6,067</b>	<b>8,998</b>	<b>9,803</b>	<b>7,211</b>	<b>6,680</b>	<b>48,985</b>
<b>Department Total*:</b>	<b>352,433</b>	<b>98,487</b>	<b>79,108</b>	<b>66,411</b>	<b>62,886</b>	<b>69,231</b>	<b>66,685</b>	<b>75,003</b>	<b>870,245</b>

\*Amounts in thousands of dollars

### 2011 - 2016 Adopted Capital Improvement Program

**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Water Fund (43000)	352,433	98,487	79,108	66,411	62,886	69,231	66,685	75,003	870,245
<b>Department Total*:</b>	352,433	98,487	79,108	66,411	62,886	69,231	66,685	75,003	870,245

*\*Amounts in thousands of dollars*



**1% for Art – WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C4118-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program provides the Water funding for Seattle Public Utilities' 1% for Arts contribution. Eligibility is determined at the individual project level, with payment occurring from this program. Funds contributed to the 1% for Art program allow the commission, purchase, and installation of art in City-owned properties that are accessible to the public. The Municipal Arts Plan, prepared annually, describes the status of ongoing art projects and establishes the scope of work and allocations for new art projects.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	713	219	200	132	192	257	276	238	2,227
<b>Total:</b>	713	219	200	132	192	257	276	238	2,227
<b>Fund Appropriations/Allocations</b>									
Water Fund	713	219	200	132	192	257	276	238	2,227
<b>Total*:</b>	713	219	200	132	192	257	276	238	2,227
<b>O &amp; M Costs (Savings)</b>			23	23	23	23	23	23	138
<b>Spending Plan by Fund</b>									
Water Fund		158	200	132	192	257	276	238	1,453
<b>Total:</b>		158	200	132	192	257	276	238	1,453

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**Alaskan Way Viaduct & Seawall Replacement Program - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4102-WF	<b>End Date:</b>	Q4/2018
<b>Location:</b>	SR 99 / Battery St		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This program relocates, replaces, and protects water infrastructure affected by the replacement of the Alaskan Way Viaduct and Seawall. This project encompasses many sub-projects which are collectively known as the “Alaskan Way Viaduct and Seawall Replacement Program” (AWVSR Program.) The Washington State Department of Transportation (WSDOT) is the lead for the SR-99 replacement, while the City of Seattle is the lead on development of the waterfront public space, implementation of the new surface Alaskan Way, and design and construction of the seawall.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	1,202	1,449	3,216	3,982	2,540	2,126	1,587	1,139	17,239
<b>Total:</b>	1,202	1,449	3,216	3,982	2,540	2,126	1,587	1,139	17,239
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,202	1,449	3,216	3,982	2,540	2,126	1,587	1,139	17,239
<b>Total*:</b>	1,202	1,449	3,216	3,982	2,540	2,126	1,587	1,139	17,239
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		1,270	3,216	3,982	2,540	2,126	1,587	1,139	15,859
<b>Total:</b>		1,270	3,216	3,982	2,540	2,126	1,587	1,139	15,859

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**2011 - 2016 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 2011-2013 timeframe. This program is a requirement of the Cedar River Habitat Conservation Plan (HCP.)

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	357	22	8	0	0	1,474	0	0	1,862
<b>Total:</b>	357	22	8	0	0	1,474	0	0	1,862
<b>Fund Appropriations/Allocations</b>									
Water Fund	357	22	8	0	0	1,474	0	0	1,862
<b>Total*:</b>	357	22	8	0	0	1,474	0	0	1,862
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	19	19	37
<b>Spending Plan by Fund</b>									
Water Fund		21	8	0	0	1,474	0	0	1,503
<b>Total:</b>		21	8	0	0	1,474	0	0	1,503

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**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>	Q4/2016
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	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. It is too early in the program to determine the impact on Operation and Maintenance costs or savings as a result of this program.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	3,550	4,543	2,020	1,946	1,910	1,948	1,987	2,027	19,930
<b>Total:</b>	3,550	4,543	2,020	1,946	1,910	1,948	1,987	2,027	19,930
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,550	4,543	2,020	1,946	1,910	1,948	1,987	2,027	19,930
<b>Total*:</b>	3,550	4,543	2,020	1,946	1,910	1,948	1,987	2,027	19,930
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		1,610	2,020	1,946	1,910	1,948	1,987	2,027	13,448
<b>Total:</b>		1,610	2,020	1,946	1,910	1,948	1,987	2,027	13,448

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**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	572	300	357	1,665	1,698	1,732	1,767	1,802	9,892
<b>Total:</b>	572	300	357	1,665	1,698	1,732	1,767	1,802	9,892
<b>Fund Appropriations/Allocations</b>									
Water Fund	572	300	357	1,665	1,698	1,732	1,767	1,802	9,892
<b>Total*:</b>	572	300	357	1,665	1,698	1,732	1,767	1,802	9,892
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		150	357	1,665	1,698	1,732	1,767	1,802	9,170
<b>Total:</b>		150	357	1,665	1,698	1,732	1,767	1,802	9,170

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**Cedar Bridges**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1307	<b>End Date:</b>	ONGOING
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program replaces aging bridges and related structures, such as abutments, asphalt approaches, and guardrails in the Cedar River Watershed. Projects within this program improve aging bridge assets on priority roads in the watershed transportation system to provide City employees, City contractors, and visitors with safe and adequate access to City water supply and hydroelectric assets while minimizing and reducing environmental impacts over time. Work in this program also maintains compliance with state laws, safety and environmental regulations, and tribal access agreements including Washington Department of Natural Resources (WDNR) forest practice regulations, Washington Department of Health (DOH) Watershed Protection Plan regulations, and Cedar River Habitat Conservation Plan (HCP) restoration commitments. No budget authority is currently being requested for the 2011-2016 timeframe but once specific projects receive Asset Management Committee approval, necessary funding will be requested.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	170	100	0	0	0	0	0	0	270
<b>Total:</b>	170	100	0	0	0	0	0	0	270
<b>Fund Appropriations/Allocations</b>									
Water Fund	170	100	0	0	0	0	0	0	270
<b>Total*:</b>	170	100	0	0	0	0	0	0	270
<b>O &amp; M Costs (Savings)</b>			0	0	0	23	23	0	46

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**Cedar Fluoridation Relocation**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	C1416	<b>End Date:</b>	Q4/2013
<b>Location:</b>	SE 16207 Old SE Petrovitsky Road W		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan 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 fluoride tanks, an associated chemical feed system, and containment at the Cedar Water Treatment Plant at Lake Youngs to replace current fluoride treatment occurring at the Cedar River Headworks. It will also replace aging facilities and create efficiencies by incorporating fluoride treatment with the rest of the water treatment processes currently located at Lake Youngs. Relocating the process downstream of the lake will improve the lake water quality by eliminating a nutrient source for algae production. This project was included in the 2010-2015 Adopted CIP as C110001.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	299	408	2,601	106	0	0	0	3,414
<b>Total:</b>	0	299	408	2,601	106	0	0	0	3,414
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	299	408	2,601	106	0	0	0	3,414
<b>Total*:</b>	0	299	408	2,601	106	0	0	0	3,414
<b>O &amp; M Costs (Savings)</b>			0	0	0	34	34	34	102
<b>Spending Plan by Fund</b>									
Water Fund		300	408	2,601	106	0	0	0	3,415
<b>Total:</b>		300	408	2,601	106	0	0	0	3,415

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**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 2015-2016. In addition, this project was included in the 2010-2015 Adopted CIP as C109017.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	2,848	298	265	187	249	140	0	0	3,988
<b>Total:</b>	2,848	298	265	187	249	140	0	0	3,988
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,848	298	265	187	249	140	0	0	3,988
<b>Total*:</b>	2,848	298	265	187	249	140	0	0	3,988
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		398	265	187	249	140	0	0	1,239
<b>Total:</b>		398	265	187	249	140	0	0	1,239

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**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>	Q4/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	17	106	102	0	0	0	0	0	225
<b>Total:</b>	17	106	102	0	0	0	0	0	225
<b>Fund Appropriations/Allocations</b>									
Water Fund	17	106	102	0	0	0	0	0	225
<b>Total*:</b>	17	106	102	0	0	0	0	0	225
<b>O &amp; M Costs (Savings)</b>			0	2	2	2	2	2	11
<b>Spending Plan by Fund</b>									
Water Fund		0	102	0	0	0	0	0	102
<b>Total:</b>		0	102	0	0	0	0	0	102

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

**2011 - 2016 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>	Q3/2012
<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 provides a sockeye salmon hatchery to replace the interim hatchery on the Cedar River at Landsburg Dam, and includes a broodstock collection facility in Renton near the I-405 overpass, and a state-of-the-art hatchery facility located near the Landsburg Dam. These facilities are a requirement of the Cedar River Habitat Conservation Plan (HCP.)

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	5,966	4,802	5,669	520	0	0	0	0	16,957
<b>Total:</b>	5,966	4,802	5,669	520	0	0	0	0	16,957
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,966	4,802	5,669	520	0	0	0	0	16,957
<b>Total*:</b>	5,966	4,802	5,669	520	0	0	0	0	16,957
<b>O &amp; M Costs (Savings)</b>			0	0	170	170	170	170	678
<b>Spending Plan by Fund</b>									
Water Fund		4,700	5,669	520	0	0	0	0	10,889
<b>Total:</b>		4,700	5,669	520	0	0	0	0	10,889

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



**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 provides improvements to the Cedar Water Treatment Plant at Lake Youngs. Work in this project includes upgrades to intake screens, in-plant screening/straining systems, and other provisions required to lessen the impacts of seasonal algae blooms on the proper functioning of the water treatment and flow metering equipment. In addition, it enhances the Cedar Water Treatment Plant's capability to maintain production capacity during seasonal algae blooms and screen small fish out of the water intake piping. This project was included in the 2010-2015 Adopted CIP as C109005.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	67	408	153	416	424	0	0	0	1,469
<b>Total:</b>	67	408	153	416	424	0	0	0	1,469
<b>Fund Appropriations/Allocations</b>									
Water Fund	67	408	153	416	424	0	0	0	1,469
<b>Total*:</b>	67	408	153	416	424	0	0	0	1,469
<b>O &amp; M Costs (Savings)</b>			0	0	0	15	15	15	44
<b>Spending Plan by Fund</b>									
Water Fund		0	153	416	424	0	0	0	994
<b>Total:</b>		0	153	416	424	0	0	0	994

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**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. This project was included in the 2010-2015 Adopted CIP as C109011.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	684	175	26	26	27	27	28	28	1,020
<b>Total:</b>	684	175	26	26	27	27	28	28	1,020
<b>Fund Appropriations/Allocations</b>									
Water Fund	684	175	26	26	27	27	28	28	1,020
<b>Total*:</b>	684	175	26	26	27	27	28	28	1,020
<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.*

**Dam Safety Program**

<b>BCL/Program Name:</b>	Water Resources	<b>BCL/Program Code:</b>	C150B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	C1506	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program maintains the safety of SPU's water supply dams in the Cedar River and South Fork Tolt River Municipal Watersheds and the in-town reservoir dams. Typical improvements may include, but are not limited to upgrades to, the dams' failure warning systems, spillways, outlet works, piping, and other civil, mechanical, and structural systems. This program ensures the continuing safe functioning, operation and monitoring of SPU's water supply dams and associated facilities per Federal Energy Regulatory Commission (FERC), state and local regulations, and SPU requirements to prevent loss of life and/or property damage and loss of SPU's ability to deliver reliable drinking water supply to its customers.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	3,224	0	689	609	186	108	1,104	3,942	9,861
<b>Total:</b>	3,224	0	689	609	186	108	1,104	3,942	9,861
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,224	0	689	609	186	108	1,104	3,942	9,861
<b>Total*:</b>	3,224	0	689	609	186	108	1,104	3,942	9,861
<b>O &amp; M Costs (Savings)</b>			99	99	99	99	99	99	592
<b>Spending Plan by Fund</b>									
Water Fund		0	688	609	186	108	1,104	3,942	6,637
<b>Total:</b>		0	688	609	186	108	1,104	3,942	6,637

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**2011 - 2016 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. Amounts for 2013 and later reflect preliminary planning and will receive detailed review in future budget and rate cycles.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	404	33	816	4,682	4,775	10,824	11,041	11,262	43,837
<b>Total:</b>	404	33	816	4,682	4,775	10,824	11,041	11,262	43,837
<b>Fund Appropriations/Allocations</b>									
Water Fund	404	33	816	4,682	4,775	10,824	11,041	11,262	43,837
<b>Total*:</b>	404	33	816	4,682	4,775	10,824	11,041	11,262	43,837
<b>O &amp; M Costs (Savings)</b>			50	50	50	50	50	50	300
<b>Spending Plan by Fund</b>									
Water Fund		33	816	4,682	4,775	10,824	11,041	11,262	43,433
<b>Total:</b>		33	816	4,682	4,775	10,824	11,041	11,262	43,433

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**2011 - 2016 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. This project was included in the 2010-2015 Adopted CIP as C109006.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	774	510	765	586	106	108	110	113	3,072
<b>Total:</b>	774	510	765	586	106	108	110	113	3,072
<b>Fund Appropriations/Allocations</b>									
Water Fund	774	510	765	586	106	108	110	113	3,072
<b>Total*:</b>	774	510	765	586	106	108	110	113	3,072
<b>O &amp; M Costs (Savings)</b>			31	31	31	31	31	31	184
<b>Spending Plan by Fund</b>									
Water Fund		783	765	586	106	108	110	113	2,571
<b>Total:</b>		783	765	586	106	108	110	113	2,571

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

**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 2016. This program is a requirement of the Cedar River Habitat Conservation Plan (HCP.)

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	3,612	1,743	2,474	652	994	11	11	0	9,497
<b>Total:</b>	3,612	1,743	2,474	652	994	11	11	0	9,497
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,612	1,743	2,474	652	994	11	11	0	9,497
<b>Total*:</b>	3,612	1,743	2,474	652	994	11	11	0	9,497
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	95	95
<b>Spending Plan by Fund</b>									
Water Fund		1,912	2,473	652	994	11	11	0	6,054
<b>Total:</b>		1,912	2,473	652	994	11	11	0	6,054

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

**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	4	102	51	52	53	54	55	56	428
<b>Total:</b>	4	102	51	52	53	54	55	56	428
<b>Fund Appropriations/Allocations</b>									
Water Fund	4	102	51	52	53	54	55	56	428
<b>Total*:</b>	4	102	51	52	53	54	55	56	428
<b>O &amp; M Costs (Savings)</b>			5	5	5	5	5	5	28
<b>Spending Plan by Fund</b>									
Water Fund		200	51	52	53	54	55	56	522
<b>Total:</b>		200	51	52	53	54	55	56	522

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**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. This program was included in the 2010-2015 Adopted CIP as C101003.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	292	0	53	0	0	0	0	0	345
<b>Total:</b>	292	0	53	0	0	0	0	0	345
<b>Fund Appropriations/Allocations</b>									
Water Fund	292	0	53	0	0	0	0	0	345
<b>Total*:</b>	292	0	53	0	0	0	0	0	345
<b>O &amp; M Costs (Savings)</b>			0	3	3	3	3	3	17
<b>Spending Plan by Fund</b>									
Water Fund		0	53	0	0	0	0	0	53
<b>Total:</b>		0	53	0	0	0	0	0	53

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

**2011 - 2016 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 and was included in the 2010-2015 Adopted CIP as C409033.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	556	732	801	226	0	0	0	2,316
<b>Total:</b>	0	556	732	801	226	0	0	0	2,316
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	556	732	801	226	0	0	0	2,316
<b>Total*:</b>	0	556	732	801	226	0	0	0	2,316
<b>O &amp; M Costs (Savings)</b>			0	0	0	23	23	23	69
<b>Spending Plan by Fund</b>									
Water Fund		417	732	801	226	0	0	0	2,176
<b>Total:</b>		417	732	801	226	0	0	0	2,176

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**Heavy Equipment Purchases - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C4116-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program provides SPU’s Water Utility crews with new and replacement heavy equipment that is used throughout Seattle and King County. Typical purchases include backhoes, graders, loaders, dozers, service trucks, and dump trucks. This equipment transports work crews and tools to jobsites and supports the safe and efficient replacement, repair, and maintenance of infrastructure that delivers high quality drinking water to 1.5 million customers in King County. This project is one of four SPU fund-specific heavy equipment CIP projects.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	997	2,469	2,162	1,831	2,122	2,165	2,208	2,252	16,207
<b>Total:</b>	997	2,469	2,162	1,831	2,122	2,165	2,208	2,252	16,207
<b>Fund Appropriations/Allocations</b>									
Water Fund	997	2,469	2,162	1,831	2,122	2,165	2,208	2,252	16,207
<b>Total*:</b>	997	2,469	2,162	1,831	2,122	2,165	2,208	2,252	16,207
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		2,751	2,162	1,831	2,122	2,165	2,208	2,252	15,493
<b>Total:</b>		2,751	2,162	1,831	2,122	2,165	2,208	2,252	15,493

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**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>	Q4/2016
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program provides research and monitoring to examine the effects of instream flows on salmon species in the Cedar River. This program monitors flow compliance, verifies accretion flows downstream of Landsburg, improves flow-switching criteria, and develops a better understanding of relationships between stream flow and aquatic habitat. This program is a requirement of the Cedar River Habitat Conservation Plan (HCP.)

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	1,203	683	516	554	572	590	610	617	5,345
<b>Total:</b>	1,203	683	516	554	572	590	610	617	5,345
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,203	683	516	554	572	590	610	617	5,345
<b>Total*:</b>	1,203	683	516	554	572	590	610	617	5,345
<b>O &amp; M Costs (Savings)</b>			53	53	53	53	53	53	321
<b>Spending Plan by Fund</b>									
Water Fund		535	516	554	572	590	610	617	3,993
<b>Total:</b>		535	516	554	572	590	610	617	3,993

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

**2011 - 2016 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."

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	4,474	1,889	462	504	530	538	552	514	9,462
<b>Total:</b>	4,474	1,889	462	504	530	538	552	514	9,462
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,474	1,889	462	504	530	538	552	514	9,462
<b>Total*:</b>	4,474	1,889	462	504	530	538	552	514	9,462
<b>O &amp; M Costs (Savings)</b>			116	116	116	116	116	116	698
<b>Spending Plan by Fund</b>									
Water Fund		720	462	504	530	538	552	514	3,819
<b>Total:</b>		720	462	504	530	538	552	514	3,819

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**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	37	0	612	624	637	649	662	676	3,897
<b>Total:</b>	37	0	612	624	637	649	662	676	3,897
<b>Fund Appropriations/Allocations</b>									
Water Fund	37	0	612	624	637	649	662	676	3,897
<b>Total*:</b>	37	0	612	624	637	649	662	676	3,897
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		0	612	624	637	649	662	676	3,861
<b>Total:</b>		0	612	624	637	649	662	676	3,861

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

**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>	Q4/2014
<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 project constructs either new sodium hypochlorite (liquid) chlorination facilities or upgraded gas chlorine facilities at the Landsburg Cedar River Diversion Facilities. The project will enhance safety and site security by replacement of/or upgrades to the aging gas chlorine facilities.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	0	20	208	743	108	0	0	1,080
<b>Total:</b>	0	0	20	208	743	108	0	0	1,080
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	20	208	743	108	0	0	1,080
<b>Total*:</b>	0	0	20	208	743	108	0	0	1,080
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	50	50	100

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

**Mercer Corridor Project East Phase - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C4114-WF	<b>End Date:</b>	Q4/2013
<b>Location:</b>	South Lake Union		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	South Lake Union

This program funds the repair, relocation, protection, and upgrade of water infrastructure related to the redevelopment of the South Lake Union neighborhood. This effort identifies SPU water system direct impacts, opportunities for system improvements, and cost responsibility. This program also funds planning-level coordination with other City departments on projects within the South Lake Union area.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	96	1,200	800	600	511	0	0	0	3,207
<b>Total:</b>	96	1,200	800	600	511	0	0	0	3,207
<b>Fund Appropriations/Allocations</b>									
Water Fund	96	1,200	800	600	511	0	0	0	3,207
<b>Total*:</b>	96	1,200	800	600	511	0	0	0	3,207
<b>O &amp; M Costs (Savings)</b>			0	0	0	45	45	45	136
<b>Spending Plan by Fund</b>									
Water Fund		700	800	600	513	0	0	0	2,613
<b>Total:</b>		700	800	600	513	0	0	0	2,613

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

**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>	Q4/2013
<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. This project was included in the 2010-2015 Adopted CIP as C410004.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	168	251	958	911	0	0	0	2,288
<b>Total:</b>	0	168	251	958	911	0	0	0	2,288
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	168	251	958	911	0	0	0	2,288
<b>Total*:</b>	0	168	251	958	911	0	0	0	2,288
<b>O &amp; M Costs (Savings)</b>			0	0	0	23	23	23	69
<b>Spending Plan by Fund</b>									
Water Fund		65	251	958	911	0	0	0	2,186
<b>Total:</b>		65	251	958	911	0	0	0	2,186

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

**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	3,259	1,000	612	628	728	653	666	679	8,225
<b>Total:</b>	3,259	1,000	612	628	728	653	666	679	8,225
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,259	1,000	612	628	728	653	666	679	8,225
<b>Total*:</b>	3,259	1,000	612	628	728	653	666	679	8,225
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		600	612	628	728	653	666	679	4,566
<b>Total:</b>		600	612	628	728	653	666	679	4,566

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

**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>	Q4/2016
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project includes partial funding to replace or rehabilitate the existing barge-mounted pump plants at Chester Morse Lake, with the intent to consider fully funding the project after final project options have been selected. The pump plants at Chester Morse Lake are near or at the end of their useful life. 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. Various project options are currently being evaluated through the Asset Management process. Once the evaluation is complete and the final option is selected, it is anticipated that additional funding will be provided in the outyears of this project. This project was included in the 2010-2015 Adopted CIP as C103032.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	7,943	11,750	1,326	0	0	0	0	0	21,019
<b>Total:</b>	7,943	11,750	1,326	0	0	0	0	0	21,019
<b>Fund Appropriations/Allocations</b>									
Water Fund	7,943	11,750	1,326	0	0	0	0	0	21,019
<b>Total*:</b>	7,943	11,750	1,326	0	0	0	0	0	21,019
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		11,750	1,326	0	0	0	0	0	13,076
<b>Total:</b>		11,750	1,326	0	0	0	0	0	13,076

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**2011 - 2016 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>2010 Rev</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	1,178	1,580	510	520	531	812	828	845	6,804
<b>Total:</b>	1,178	1,580	510	520	531	812	828	845	6,804
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,178	1,580	510	520	531	812	828	845	6,804
<b>Total*:</b>	1,178	1,580	510	520	531	812	828	845	6,804
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		2,516	510	520	531	812	828	845	6,561
<b>Total:</b>		2,516	510	520	531	812	828	845	6,561

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**Operational Facility - Construction - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4106-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing facilities program renovates, rehabilitates, and replaces existing buildings and constructs new facilities at various locations within the city limits to address deficiencies, failures, and functional changes in the SPU Lines of Business. Typical improvements include, but are not limited to, roof replacements, exterior wall or cladding replacements, and improvements to administrative office space, crew and shop space, lighting, heating and ventilation systems, and facilities structures. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	72	356	278	522	1,287	4,734	3,414	2,474	13,138
<b>Total:</b>	72	356	278	522	1,287	4,734	3,414	2,474	13,138
<b>Fund Appropriations/Allocations</b>									
Water Fund	72	356	278	522	1,287	4,734	3,414	2,474	13,138
<b>Total*:</b>	72	356	278	522	1,287	4,734	3,414	2,474	13,138
<b>O &amp; M Costs (Savings)</b>			274	274	274	274	274	274	1,643
<b>Spending Plan by Fund</b>									
Water Fund		162	278	522	1,287	4,734	3,414	2,474	12,872
<b>Total:</b>		162	278	522	1,287	4,734	3,414	2,474	12,872

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**2011 - 2016 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 2013. As future projects are identified, necessary funding will be requested.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	12	152	379	353	82	0	0	0	979
<b>Total:</b>	12	152	379	353	82	0	0	0	979
<b>Fund Appropriations/Allocations</b>									
Water Fund	12	152	379	353	82	0	0	0	979
<b>Total*:</b>	12	152	379	353	82	0	0	0	979
<b>O &amp; M Costs (Savings)</b>			15	15	15	15	15	15	92
<b>Spending Plan by Fund</b>									
Water Fund		225	379	353	82	0	0	0	1,039
<b>Total:</b>		225	379	353	82	0	0	0	1,039

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**2011 - 2016 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. No work is currently planned for 2015.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	4,022	73	118	179	126	18	0	279	4,814
<b>Total:</b>	4,022	73	118	179	126	18	0	279	4,814
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,022	73	118	179	126	18	0	279	4,814
<b>Total*:</b>	4,022	73	118	179	126	18	0	279	4,814
<b>O &amp; M Costs (Savings)</b>			52	52	52	52	52	52	310
<b>Spending Plan by Fund</b>									
Water Fund		71	118	179	126	18	0	279	791
<b>Total:</b>		71	118	179	126	18	0	279	791

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**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	0	20	52	265	271	55	56	720
<b>Total:</b>	0	0	20	52	265	271	55	56	720
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	20	52	265	271	55	56	720
<b>Total*:</b>	0	0	20	52	265	271	55	56	720
<b>O &amp; M Costs (Savings)</b>			7	7	7	7	7	7	43

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

**Pump Station Improvements**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2008
<b>Project ID:</b>	C1135	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing program makes improvements to water pump stations by replacing electric motors, starters, control systems, and other elements. The benefit is improved reliability of water pump stations which in turn reduces the likelihood of large scale water outages.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	2	77	79	780	796	541	552	563	3,390
<b>Total:</b>	2	77	79	780	796	541	552	563	3,390
<b>Fund Appropriations/Allocations</b>									
Water Fund	2	77	79	780	796	541	552	563	3,390
<b>Total*:</b>	2	77	79	780	796	541	552	563	3,390
<b>O &amp; M Costs (Savings)</b>			34	34	34	34	34	34	203
<b>Spending Plan by Fund</b>									
Water Fund		77	79	780	796	541	552	563	3,388
<b>Total:</b>		77	79	780	796	541	552	563	3,388

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



**Purveyor Meters Replace - SPU**

<b>BCL/Program Name:</b>	Transmission	<b>BCL/Program Code:</b>	C120B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	C1206	<b>End Date:</b>	ONGOING
<b>Location:</b>	Regional		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program installs new meters for Seattle's wholesale customers at the customer's request. In addition, existing meters are upgraded to current safety standards. The benefits are accurate metering and billing for Seattle's wholesale customers while meeting their water needs.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	78	200	102	104	106	108	110	113	921
<b>Total:</b>	78	200	102	104	106	108	110	113	921
<b>Fund Appropriations/Allocations</b>									
Water Fund	78	200	102	104	106	108	110	113	921
<b>Total*:</b>	78	200	102	104	106	108	110	113	921
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	55
<b>Spending Plan by Fund</b>									
Water Fund		105	102	104	106	108	110	113	748
<b>Total:</b>		105	102	104	106	108	110	113	748

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

**Regional Facility - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C4107-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing facilities program renovates, rehabilitates, replaces existing buildings, and constructs new facilities at various locations outside the city limits to address deficiencies, failures, and functional changes in the drinking water system.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	435	1,214	1,961	4,054	3,994	1,653	2,494	5,012	20,817
<b>Total:</b>	435	1,214	1,961	4,054	3,994	1,653	2,494	5,012	20,817
<b>Fund Appropriations/Allocations</b>									
Water Fund	435	1,214	1,961	4,054	3,994	1,653	2,494	5,012	20,817
<b>Total*:</b>	435	1,214	1,961	4,054	3,994	1,653	2,494	5,012	20,817
<b>O &amp; M Costs (Savings)</b>			223	223	223	223	223	223	1,337
<b>Spending Plan by Fund</b>									
Water Fund		1,158	1,961	4,054	3,994	1,653	2,494	5,012	20,327
<b>Total:</b>		1,158	1,961	4,054	3,994	1,653	2,494	5,012	20,327

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

**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	12,157	3,025	3,366	3,229	3,495	3,636	3,783	3,942	36,632
<b>Total:</b>	12,157	3,025	3,366	3,229	3,495	3,636	3,783	3,942	36,632
<b>Fund Appropriations/Allocations</b>									
Water Fund	12,157	3,025	3,366	3,229	3,495	3,636	3,783	3,942	36,632
<b>Total*:</b>	12,157	3,025	3,366	3,229	3,495	3,636	3,783	3,942	36,632
<b>O &amp; M Costs (Savings)</b>			100	100	100	100	100	100	600
<b>Spending Plan by Fund</b>									
Water Fund		2,184	3,366	3,229	3,495	3,636	3,783	3,942	23,633
<b>Total:</b>		2,184	3,366	3,229	3,495	3,636	3,783	3,942	23,633

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

**2011 - 2016 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. This project was included in the 2010-2015 Adopted CIP as C199060.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	196	100	107	111	115	119	125	127	1,000
<b>Total:</b>	196	100	107	111	115	119	125	127	1,000
<b>Fund Appropriations/Allocations</b>									
Water Fund	196	100	107	111	115	119	125	127	1,000
<b>Total*:</b>	196	100	107	111	115	119	125	127	1,000
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		47	107	111	115	119	125	127	751
<b>Total:</b>		47	107	111	115	119	125	127	751

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

**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>	Q4/2011
<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. This project was included in the 2010-2015 Adopted CIP as C101060.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	41,977	1,501	255	0	0	0	0	0	43,733
<b>Total:</b>	41,977	1,501	255	0	0	0	0	0	43,733
<b>Fund Appropriations/Allocations</b>									
Water Fund	41,977	1,501	255	0	0	0	0	0	43,733
<b>Total*:</b>	41,977	1,501	255	0	0	0	0	0	43,733
<b>O &amp; M Costs (Savings)</b>			0	437	437	437	437	437	2,187
<b>Spending Plan by Fund</b>									
Water Fund		600	255	0	0	0	0	0	855
<b>Total:</b>		600	255	0	0	0	0	0	855

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

**2011 - 2016 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>	Q2/2013
<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. This project was included in the 2010-2015 Adopted CIP as C101078.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	3,842	15,440	16,728	4,474	618	0	0	0	41,102
<b>Total:</b>	3,842	15,440	16,728	4,474	618	0	0	0	41,102
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,842	15,440	16,728	4,474	618	0	0	0	41,102
<b>Total*:</b>	3,842	15,440	16,728	4,474	618	0	0	0	41,102
<b>O &amp; M Costs (Savings)</b>			0	0	0	411	411	411	1,233
<b>Spending Plan by Fund</b>									
Water Fund		15,455	16,728	4,474	618	0	0	0	37,275
<b>Total:</b>		15,455	16,728	4,474	618	0	0	0	37,275

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

**2011 - 2016 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>	Q4/2011
<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. This project was included in the 2010-2015 Adopted CIP as C101076.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	12,022	300	102	0	0	0	0	0	12,424
<b>Total:</b>	12,022	300	102	0	0	0	0	0	12,424
<b>Fund Appropriations/Allocations</b>									
Water Fund	12,022	300	102	0	0	0	0	0	12,424
<b>Total*:</b>	12,022	300	102	0	0	0	0	0	12,424
<b>O &amp; M Costs (Savings)</b>			0	124	124	124	124	124	621
<b>Spending Plan by Fund</b>									
Water Fund		400	102	0	0	0	0	0	502
<b>Total:</b>		400	102	0	0	0	0	0	502

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**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 2010 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. This project was included in the 2010-2015 Adopted CIP as C101059.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	94	54	0	0	0	108	552	2,252	3,061
<b>Total:</b>	94	54	0	0	0	108	552	2,252	3,061
<b>Fund Appropriations/Allocations</b>									
Water Fund	94	54	0	0	0	108	552	2,252	3,061
<b>Total*:</b>	94	54	0	0	0	108	552	2,252	3,061
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		11	0	0	0	108	552	2,252	2,924
<b>Total:</b>		11	0	0	0	108	552	2,252	2,924

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**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. This project was included in the 2010-2015 Adopted CIP as C101075.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	28,962	6,300	510	104	27	0	0	0	35,902
<b>Total:</b>	28,962	6,300	510	104	27	0	0	0	35,902
<b>Fund Appropriations/Allocations</b>									
Water Fund	28,962	6,300	510	104	27	0	0	0	35,902
<b>Total*:</b>	28,962	6,300	510	104	27	0	0	0	35,902
<b>O &amp; M Costs (Savings)</b>			0	0	0	359	359	359	1,077
<b>Spending Plan by Fund</b>									
Water Fund		5,335	510	104	27	0	0	0	5,976
<b>Total:</b>		5,335	510	104	27	0	0	0	5,976

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**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	4,069	765	663	676	690	704	718	732	9,016
<b>Total:</b>	4,069	765	663	676	690	704	718	732	9,016
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,069	765	663	676	690	704	718	732	9,016
<b>Total*:</b>	4,069	765	663	676	690	704	718	732	9,016
<b>O &amp; M Costs (Savings)</b>			90	90	90	90	90	90	541
<b>Spending Plan by Fund</b>									
Water Fund		765	663	676	690	704	718	732	4,947
<b>Total:</b>		765	663	676	690	704	718	732	4,947

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**2011 - 2016 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. In addition, this program was included in the 2010-2015 Adopted CIP as C107018.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	1,080	1,456	1,441	1,574	1,842	1,827	1,780	1,816	12,816
<b>Total:</b>	1,080	1,456	1,441	1,574	1,842	1,827	1,780	1,816	12,816
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,080	1,456	1,441	1,574	1,842	1,827	1,780	1,816	12,816
<b>Total*:</b>	1,080	1,456	1,441	1,574	1,842	1,827	1,780	1,816	12,816
<b>O &amp; M Costs (Savings)</b>			150	150	150	150	150	150	901
<b>Spending Plan by Fund</b>									
Water Fund		1,131	1,441	1,574	1,842	1,827	1,780	1,816	11,411
<b>Total:</b>		1,131	1,441	1,574	1,842	1,827	1,780	1,816	11,411

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**2011 - 2016 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 watermains and appurtenances (hydrants, valves, coatings, cathodic protection, etc.) affected by the development of Sound Transit's Light Rail System. These improvements are "opportunity" projects that become available and are cost effective as Sound Transit constructs Light Rail and rebuilds the street right-of-way. This project covers Sound Transit's alignment within SPU's service area, including the South Link to SeaTac International Airport, the University Link, and the North Link towards Northgate and was included in the 2010-2015 Adopted CIP as C405430.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	1,477	214	204	208	0	0	0	0	2,103
<b>Total:</b>	1,477	214	204	208	0	0	0	0	2,103
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,477	214	204	208	0	0	0	0	2,103
<b>Total*:</b>	1,477	214	204	208	0	0	0	0	2,103
<b>O &amp; M Costs (Savings)</b>			0	0	21	21	21	21	84
<b>Spending Plan by Fund</b>									
Water Fund		200	204	208	0	0	0	0	612
<b>Total:</b>		200	204	208	0	0	0	0	612

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**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	73	147	71	108	226	130	43	0	797
<b>Total:</b>	73	147	71	108	226	130	43	0	797
<b>Fund Appropriations/Allocations</b>									
Water Fund	73	147	71	108	226	130	43	0	797
<b>Total*:</b>	73	147	71	108	226	130	43	0	797
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	8	8
<b>Spending Plan by Fund</b>									
Water Fund		132	71	108	226	130	43	0	709
<b>Total:</b>		132	71	108	226	130	43	0	709

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**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>	Q4/2011
<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 Ave S off ramp from the the S Spokane St Viaduct. SPU must relocate approximately 600 linear feet of 30" watermain between the BNSF railroad tracks and 4th Ave S 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. This project was included in the 2010-2015 Adopted CIP as C409020.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	1,699	452	70	0	0	0	0	0	2,221
<b>Total:</b>	1,699	452	70	0	0	0	0	0	2,221
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,699	452	70	0	0	0	0	0	2,221
<b>Total*:</b>	1,699	452	70	0	0	0	0	0	2,221
<b>O &amp; M Costs (Savings)</b>			0	22	22	22	22	22	111
<b>Spending Plan by Fund</b>									
Water Fund		1,000	70	0	0	0	0	0	1,070
<b>Total:</b>		1,000	70	0	0	0	0	0	1,070

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**Stream & Riparian Restoration**

<b>BCL/Program Name:</b>	Habitat Conservation Program	<b>BCL/Program Code:</b>	C160B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2000
<b>Project ID:</b>	C1602	<b>End Date:</b>	ONGOING
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program provides stream and riparian restoration in the Cedar River Watershed, including large woody debris placement, riparian conifer underplanting, and culvert replacement for fish passage and peak storm flows. This program is a requirement under the Cedar River Habitat Conservation Plan (HCP.)

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	5,274	620	375	389	424	439	349	356	8,226
<b>Total:</b>	5,274	620	375	389	424	439	349	356	8,226
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,274	620	375	389	424	439	349	356	8,226
<b>Total*:</b>	5,274	620	375	389	424	439	349	356	8,226
<b>O &amp; M Costs (Savings)</b>			82	82	82	82	82	82	494
<b>Spending Plan by Fund</b>									
Water Fund		381	375	389	424	439	349	356	2,713
<b>Total:</b>		381	375	389	424	439	349	356	2,713

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**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. No projects are currently planned for the 2012-2016 timeframe but as projects are identified, necessary funding will be requested.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	491	1,294	1,123	1	1	1	1	1	2,913
<b>Total:</b>	491	1,294	1,123	1	1	1	1	1	2,913
<b>Fund Appropriations/Allocations</b>									
Water Fund	491	1,294	1,123	1	1	1	1	1	2,913
<b>Total*:</b>	491	1,294	1,123	1	1	1	1	1	2,913
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		2,033	1,123	1	1	1	1	1	3,161
<b>Total:</b>		2,033	1,123	1	1	1	1	1	3,161

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**2011 - 2016 Adopted Capital Improvement Program**



**Tolt Bridges**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C1308	<b>End Date:</b>	ONGOING
<b>Location:</b>	Tolt River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program replaces aging bridges on forest roads in the Tolt River Watershed, including Chuck Judd Creek Bridge and Siwash Creek Bridge. It improves aging bridge assets in the watershed transportation system to provide City employees, City contractors, and visitors with safe and adequate access to City water supply and hydroelectric assets while minimizing and reducing environmental impacts over time. This program maintains compliance with state laws and safety and environmental regulations, including Washington Department of Natural Resources (WDNR) forest practice regulations and Washington Department of Health (DOH) Watershed Protection Plan regulations. No budget authority is currently being requested for the 2011-2016 timeframe but once specific projects receive Asset Management Committee approval, necessary funding will be requested.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	0	0	0	0	0	0	0
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	19	0	19
<b>Spending Plan by Fund</b>									
Water Fund		20	0	0	0	0	0	0	20
<b>Total:</b>		20	0	0	0	0	0	0	20

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

**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	42	278	109	85	0	0	0	0	514
<b>Total:</b>	42	278	109	85	0	0	0	0	514
<b>Fund Appropriations/Allocations</b>									
Water Fund	42	278	109	85	0	0	0	0	514
<b>Total*:</b>	42	278	109	85	0	0	0	0	514
<b>O &amp; M Costs (Savings)</b>			0	0	5	5	5	5	21
<b>Spending Plan by Fund</b>									
Water Fund		345	109	85	0	0	0	0	540
<b>Total:</b>		345	109	85	0	0	0	0	540

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**Transmission Pipelines Rehabilitation**

<b>BCL/Program Name:</b>	Transmission	<b>BCL/Program Code:</b>	C120B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	C1207	<b>End Date:</b>	ONGOING
<b>Location:</b>	Regional		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This program rehabilitates and upgrades water pipes and associated structures in the City of Seattle's transmission system. It assists SPU in providing agreed-upon pressure and flow for wholesale customers, limiting drinking water supply outages, and meeting applicable regulatory requirements of the Washington Department of Health (DOH).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	1,787	2,464	1,020	1,040	1,061	1,082	1,104	1,126	10,685
<b>Total:</b>	1,787	2,464	1,020	1,040	1,061	1,082	1,104	1,126	10,685
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,787	2,464	1,020	1,040	1,061	1,082	1,104	1,126	10,685
<b>Total*:</b>	1,787	2,464	1,020	1,040	1,061	1,082	1,104	1,126	10,685
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		1,076	1,020	1,040	1,061	1,082	1,104	1,126	7,510
<b>Total:</b>		1,076	1,020	1,040	1,061	1,082	1,104	1,126	7,510

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**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 project 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. This project was included in the 2010-2015 Adopted CIP as C107018.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	124	154	102	104	106	108	110	113	921
<b>Total:</b>	124	154	102	104	106	108	110	113	921
<b>Fund Appropriations/Allocations</b>									
Water Fund	124	154	102	104	106	108	110	113	921
<b>Total*:</b>	124	154	102	104	106	108	110	113	921
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	55
<b>Spending Plan by Fund</b>									
Water Fund		100	102	104	106	108	110	113	743
<b>Total:</b>		100	102	104	106	108	110	113	743

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**2011 - 2016 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.)

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	5,105	634	599	611	623	636	649	327	9,185
<b>Total:</b>	5,105	634	599	611	623	636	649	327	9,185
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,105	634	599	611	623	636	649	327	9,185
<b>Total*:</b>	5,105	634	599	611	623	636	649	327	9,185
<b>O &amp; M Costs (Savings)</b>			92	92	92	92	92	92	551
<b>Spending Plan by Fund</b>									
Water Fund		588	599	611	623	636	649	327	4,033
<b>Total:</b>		588	599	611	623	636	649	327	4,033

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

**Water Infrastructure - Hydrant Replacement/Relocation**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/1998
<b>Project ID:</b>	C1110	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing program renews or replaces existing hydrants in the City's water distribution system. In general, hydrant renewal or replacement may occur as a result of hydrant malfunction, catastrophic failure due to vehicle damage, or to meet SPU criticality criteria such as spacing, location, cost, opportunity projects, or flow and pressure problems. This program improves access to fire hydrants for the Seattle Fire Department (SFD) and helps to reduce the damage as a result of fire by locating fire hydrants in alternate or additional locations.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	3,876	372	177	276	288	299	311	318	5,917
<b>Total:</b>	3,876	372	177	276	288	299	311	318	5,917
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,876	372	177	276	288	299	311	318	5,917
<b>Total*:</b>	3,876	372	177	276	288	299	311	318	5,917
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		372	177	276	288	299	311	318	2,040
<b>Total:</b>		372	177	276	288	299	311	318	2,040

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**Water Infrastructure - New Hydrants**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/1999
<b>Project ID:</b>	C1112	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing program installs new hydrants in the City's water distribution system. In general, new hydrants are installed to meet service requests made by private property owners and to comply with Washington Administrative Code (WAC) or Seattle Fire Department (SFD) requirements. This program helps to reduce the damage as a result of fire by locating new fire hydrants throughout the City's direct service area.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	514	112	114	110	115	119	125	127	1,336
<b>Total:</b>	514	112	114	110	115	119	125	127	1,336
<b>Fund Appropriations/Allocations</b>									
Water Fund	514	112	114	110	115	119	125	127	1,336
<b>Total*:</b>	514	112	114	110	115	119	125	127	1,336
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	62
<b>Spending Plan by Fund</b>									
Water Fund		112	114	110	115	119	125	127	822
<b>Total:</b>		112	114	110	115	119	125	127	822

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**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. It provides new connections to existing watermains with no interruption of service to adjacent existing customers (watermain taps), and the installation of metered water service lines from the new tap to the new customers' property lines. This program meets City responsibility for new service connections in the Seattle Municipal Code (SMC) to provide reliable drinking water supply to customers.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	78,387	8,207	7,650	7,803	7,959	8,118	8,281	8,447	134,851
<b>Total:</b>	78,387	8,207	7,650	7,803	7,959	8,118	8,281	8,447	134,851
<b>Fund Appropriations/Allocations</b>									
Water Fund	78,387	8,207	7,650	7,803	7,959	8,118	8,281	8,447	134,851
<b>Total*:</b>	78,387	8,207	7,650	7,803	7,959	8,118	8,281	8,447	134,851
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		7,707	7,650	7,803	7,959	8,118	8,281	8,447	55,964
<b>Total:</b>		7,707	7,650	7,803	7,959	8,118	8,281	8,447	55,964

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**Water Infrastructure - Service Renewal**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/1998
<b>Project ID:</b>	C1109	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing program replaces existing plastic or galvanized water services in the City's water distribution system. Service replacement may occur as a result of leaking, failing, or to reduce damage in case of failure of the water service. This program improves Seattle's water system and extends the life of the system.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	78,541	7,732	7,854	3,849	3,926	4,005	4,085	4,167	114,160
<b>Total:</b>	78,541	7,732	7,854	3,849	3,926	4,005	4,085	4,167	114,160
<b>Fund Appropriations/Allocations</b>									
Water Fund	78,541	7,732	7,854	3,849	3,926	4,005	4,085	4,167	114,160
<b>Total*:</b>	78,541	7,732	7,854	3,849	3,926	4,005	4,085	4,167	114,160
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		7,314	7,854	3,849	3,926	4,005	4,085	4,167	35,200
<b>Total:</b>		7,314	7,854	3,849	3,926	4,005	4,085	4,167	35,200

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**Water Infrastructure - Watermain Extensions**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1998
<b>Project ID:</b>	C1111	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing program assists developers by adding new water mains to the water system in order to serve new residential and commercial developments. Most of the costs are recovered through standard charges. The benefit of this program is that water service is provided to new housing and businesses throughout Seattle.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	11,329	1,530	612	624	1,148	1,195	1,243	1,268	18,950
<b>Total:</b>	11,329	1,530	612	624	1,148	1,195	1,243	1,268	18,950
<b>Fund Appropriations/Allocations</b>									
Water Fund	11,329	1,530	612	624	1,148	1,195	1,243	1,268	18,950
<b>Total*:</b>	11,329	1,530	612	624	1,148	1,195	1,243	1,268	18,950
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		500	612	624	1,148	1,195	1,243	1,268	6,591
<b>Total:</b>		500	612	624	1,148	1,195	1,243	1,268	6,591

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**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	958	306	1	1	318	325	331	338	2,578
<b>Total:</b>	958	306	1	1	318	325	331	338	2,578
<b>Fund Appropriations/Allocations</b>									
Water Fund	958	306	1	1	318	325	331	338	2,578
<b>Total*:</b>	958	306	1	1	318	325	331	338	2,578
<b>O &amp; M Costs (Savings)</b>			26	26	26	26	26	26	155
<b>Spending Plan by Fund</b>									
Water Fund		210	1	1	318	325	331	338	1,524
<b>Total:</b>		210	1	1	318	325	331	338	1,524

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**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>	Q4/2013
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project 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. This project was included in the 2010-2015 Adopted CIP as C107020.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	180	200	51	208	212	0	0	0	852
<b>Total:</b>	180	200	51	208	212	0	0	0	852
<b>Fund Appropriations/Allocations</b>									
Water Fund	180	200	51	208	212	0	0	0	852
<b>Total*:</b>	180	200	51	208	212	0	0	0	852
<b>O &amp; M Costs (Savings)</b>			0	0	0	9	9	9	26
<b>Spending Plan by Fund</b>									
Water Fund		1	51	208	212	0	0	0	472
<b>Total:</b>		1	51	208	212	0	0	0	472

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

**Water Supply Flexibility Program**

<b>BCL/Program Name:</b>	Water Resources	<b>BCL/Program Code:</b>	C150B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	C1507	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Multiple		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program improves water system performance, reliability, and flexibility during severe weather events, supply and infrastructure emergencies, as well as enhancing environmental performance for fish and supporting regulatory and policy compliance in these areas. Project improvements include Tolt Reservoir Temperature and the Overflow Dike in Chester Morse Lake, and may include but are not limited to, dam integrity and alternatives to improved crest control, reservoir water temperature, and water quality management. This program will be on hold between 2011 and 2014.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	125	154	0	0	0	0	739	3,563	4,580
<b>Total:</b>	125	154	0	0	0	0	739	3,563	4,580
<b>Fund Appropriations/Allocations</b>									
Water Fund	125	154	0	0	0	0	739	3,563	4,580
<b>Total*:</b>	125	154	0	0	0	0	739	3,563	4,580
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		0	0	0	0	0	739	3,563	4,301
<b>Total:</b>		0	0	0	0	0	739	3,563	4,301

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

**Water System Dewatering**

<b>BCL/Program Name:</b>	Transmission	<b>BCL/Program Code:</b>	C120B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1205	<b>End Date:</b>	ONGOING
<b>Location:</b>	Regional		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program improves structures used to empty the water from larger pipelines when necessary for inspection or repair. The new structures better control the impact of the water discharged to the environment and comply with current environmental regulations.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	103	100	102	104	106	108	110	113	846
<b>Total:</b>	103	100	102	104	106	108	110	113	846
<b>Fund Appropriations/Allocations</b>									
Water Fund	103	100	102	104	106	108	110	113	846
<b>Total*:</b>	103	100	102	104	106	108	110	113	846
<b>O &amp; M Costs (Savings)</b>			8	8	8	8	8	8	51
<b>Spending Plan by Fund</b>									
Water Fund		57	102	104	106	108	110	113	700
<b>Total:</b>		57	102	104	106	108	110	113	700

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

**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. This project was included in the 2010-2015 Adopted CIP as C113001.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	99	473	256	26	0	0	0	854
<b>Total:</b>	0	99	473	256	26	0	0	0	854
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	99	473	256	26	0	0	0	854
<b>Total*:</b>	0	99	473	256	26	0	0	0	854
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Water Fund		99	473	256	26	0	0	0	854
<b>Total:</b>		99	473	256	26	0	0	0	854

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

**2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	0	0	0	0	0	0	0	113	113
<b>Total:</b>	0	0	0	0	0	0	0	113	113
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	0	0	0	0	0	113	113
<b>Total*:</b>	0	0	0	0	0	0	0	113	113
<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.*

**2011 - 2016 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 watermains in Seattle. Replacements occur when leaks become too frequent. Rehabilitation by lining the interior of the pipe with cement mortar restores the capacity of watermains that have degraded due to interior deposits. The benefits of this program are restored quality of the delivered water, lower use of chlorine to maintain required chlorine residual, and restored pressures.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	587	452	765	1,561	1,592	3,247	3,312	3,379	14,895
<b>Total:</b>	587	452	765	1,561	1,592	3,247	3,312	3,379	14,895
<b>Fund Appropriations/Allocations</b>									
Water Fund	587	452	765	1,561	1,592	3,247	3,312	3,379	14,895
<b>Total*:</b>	587	452	765	1,561	1,592	3,247	3,312	3,379	14,895
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60
<b>Spending Plan by Fund</b>									
Water Fund		860	765	1,561	1,592	3,247	3,312	3,379	14,715
<b>Total:</b>		860	765	1,561	1,592	3,247	3,312	3,379	14,715

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

**Watershed Road Improvement/Decommissioning**

<b>BCL/Program Name:</b>	Habitat Conservation Program	<b>BCL/Program Code:</b>	C160B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C1601	<b>End Date:</b>	ONGOING
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program provides forest road improvements and decommissioning in the Cedar River Watershed. The purpose of this program is to reduce the delivery of sediment into the waterways in the watershed to protect both aquatic habitat and water quality. This program is a requirement under the Cedar River Watershed Habitat Conservation Plan (HCP.)

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Water Rates	8,360	832	1,482	1,511	1,541	1,572	1,603	1,014	17,915
<b>Total:</b>	8,360	832	1,482	1,511	1,541	1,572	1,603	1,014	17,915
<b>Fund Appropriations/Allocations</b>									
Water Fund	8,360	832	1,482	1,511	1,541	1,572	1,603	1,014	17,915
<b>Total*:</b>	8,360	832	1,482	1,511	1,541	1,572	1,603	1,014	17,915
<b>O &amp; M Costs (Savings)</b>			179	179	179	179	179	179	1,075
<b>Spending Plan by Fund</b>									
Water Fund		847	1,482	1,511	1,541	1,572	1,603	1,014	9,570
<b>Total:</b>		847	1,482	1,511	1,541	1,572	1,603	1,014	9,570

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**2011 - 2016 Adopted Capital Improvement Program**

# **INFORMATION TECHNOLOGY**



# Department of Information Technology

## Overview of Facilities and Programs

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.

## Highlights

The Department's 2011-2016 CIP provides for the following projects:

- Planning, repair, replacement, and modification of software, hardware and electronics in the City's data and communications infrastructure to introduce improved service and features for City employees and constituents;
- Infrastructure upgrades in the 800 MHz radio network program;
- Upgrades to the Alternate Data Center;
- Expansion of the computing services enterprise-class server environment for critical applications in the 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.

## Project Selection Process

DoIT selects infrastructure projects based upon the following process:

**Project Identification:** DoIT staff work with departmental program directors, as well as Citywide governing boards such as the Technology Board and the King County Regional Communications Board to identify potential projects. The criteria for project selection include opportunities to: enhance public safety departments' response to emergencies; improve the reliability of technology systems; increase the availability of services to constituents; update and maintain the City's major hardware and software systems; and implement technology projects using grants awarded by the federal government.

**Project Selection:** DoIT's program directors work with guidance from citywide and regional governance boards to review the list of potential projects and determine which projects best fit the CIP project criteria.

## **Department of Information Technology**

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

A significant portion of DoIT's operating budget is devoted to operating and maintaining CIP projects.

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

There are no Council provisos.

# Department of Information Technology

## Project Summary

BCL/Program Name										
Project Title & ID	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total	
<b>Office of Electronic Communications</b>		<b>BCL/Program Code:</b>							<b>D4400</b>	
Seattle Channel Maintenance and Upgrade (D404EC001)	446	284	92	37	391	393	448	453	2,544	
<b>Office of Electronic Communications</b>	446	284	92	37	391	393	448	453	2,544	
<b>Technology Infrastructure</b>		<b>BCL/Program Code:</b>							<b>D3300</b>	
800 MHz Radio Network Program (D3RNRS)	9,263	6,300	500	514	535	555	572	586	18,825	
Alternate Data Center (D301AR001)	371	0	53	157	589	0	0	62	1,232	
Computing Services Architecture (D300CSARC)	692	676	2,018	1,623	2,536	2,844	2,049	1,947	14,385	
Data and Telephone Infrastructure (COMMINFRA)	8,941	2,061	2,304	2,367	2,454	2,534	3,159	2,655	26,475	
Enterprise Computing (D301CS001)	1,900	1,000	400	0	0	2,170	1,157	506	7,133	
Fiber-Optic Communication Installation and Maintenance (FIBER)	13,475	2,930	2,910	2,989	3,101	3,194	3,264	3,336	35,199	
Puget Sound Next-Generation Voice/Data System (D314GR001)	159	4,192	0	0	0	0	0	0	4,351	
<b>Technology Infrastructure</b>	34,801	17,159	8,185	7,650	9,215	11,297	10,201	9,092	107,600	
<b>Department Total*:</b>	35,247	17,443	8,277	7,687	9,606	11,690	10,649	9,545	110,144	

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**





## Department of Information Technology

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
2009 Multipurpose LTGO Bond Fund (35300)	2,800	0	0	0	0	0	0	0	2,800
2010 Multipurpose LTGO Bond Fund (35400)	0	1,500	0	0	0	0	0	0	1,500
Information Technology Fund (50410)	32,447	15,943	8,277	7,687	9,606	11,690	10,649	9,545	105,844
To Be Determined (TBD)	0	0	0	0	0	0	0	0	0
<b>Department Total*:</b>	<b>35,247</b>	<b>17,443</b>	<b>8,277</b>	<b>7,687</b>	<b>9,606</b>	<b>11,690</b>	<b>10,649</b>	<b>9,545</b>	<b>110,144</b>

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**



# Department of Information Technology

## 800 MHz Radio Network Program

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	D3RNRS	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th Ave/Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project funds the upgrades and replacement of software and hardware for the City of Seattle's portion of the King County Regional 800 MHz radio system. The 800 MHz radio system provides the communication infrastructure required for public safety operations such as 911, Medic One, Fire and Police.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	9,263	6,300	500	514	535	555	572	586	18,825
<b>Total:</b>	9,263	6,300	500	514	535	555	572	586	18,825
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	9,263	6,300	500	514	535	555	572	586	18,825
<b>Total*:</b>	9,263	6,300	500	514	535	555	572	586	18,825
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## Department of Information Technology

### Alternate Data Center

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	D301AR001	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th AVE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project supports enhancements to and expansion of the City's Alternate Data Center (ADC), including the expansion from a cold site (facility and communications) to a warm site (some recovery equipment ready for immediate use) through the addition of hardware such as servers and storage and has the capability to restore certain software applications.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	371	0	53	157	589	0	0	62	1,232
<b>Total:</b>	371	0	53	157	589	0	0	62	1,232
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	371	0	53	157	589	0	0	62	1,232
<b>Total*:</b>	371	0	53	157	589	0	0	62	1,232
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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 regular replacement of servers, data storage equipment and data center facilities operated on behalf of City departments by DoIT's computing services group. Timely replacement of this equipment provides stable infrastructure for the City. Equipment is replaced when it reaches the end of its useful life, which is typically no more than 5 years per industry standards.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	692	676	2,018	1,623	2,536	2,844	2,049	1,947	14,385
<b>Total:</b>	692	676	2,018	1,623	2,536	2,844	2,049	1,947	14,385
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	692	676	2,018	1,623	2,536	2,844	2,049	1,947	14,385
<b>Total*:</b>	692	676	2,018	1,623	2,536	2,844	2,049	1,947	14,385
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Department of Information Technology

## Data and Telephone Infrastructure

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	COMMINFRA	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th Ave/Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project provides funds to maintain, replace, and upgrade software and major hardware for the City's data and telephone switching systems. Updated technology and mandated manufacturer requirements often require changes to software and hardware. The selected projects focus on preventing unscheduled service disruption and system failures and also work to minimize the City's overall costs, increase reliability, and provide features that improve end-user productivity.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	8,041	1,561	2,304	2,367	2,454	2,534	3,159	2,655	25,075
To be determined	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	500	0	0	0	0	0	0	500
General Obligation Bonds	900	0	0	0	0	0	0	0	900
<b>Total:</b>	8,941	2,061	2,304	2,367	2,454	2,534	3,159	2,655	26,475
<b>Fund Appropriations/Allocations</b>									
2009 Multipurpose LTGO Bond Fund	900	0	0	0	0	0	0	0	900
2010 Multipurpose LTGO Bond Fund	0	500	0	0	0	0	0	0	500
Information Technology Fund	8,041	1,561	2,304	2,367	2,454	2,534	3,159	2,655	25,075
<b>Total*:</b>	8,941	2,061	2,304	2,367	2,454	2,534	3,159	2,655	26,475
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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 servers, enterprise class storage, and mid-range class storage. The enterprise class servers run critical application software for finance and accounting, personnel, customer service and billing, and municipal court systems. In 2011, an expansion of the enterprise-class server environment is planned to meet the demands for additional capacity.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	1,900	0	0	0	0	0	0	0	1,900
General Obligation Bonds	0	1,000	0	0	0	0	0	0	1,000
To be determined	0	0	0	0	0	0	0	0	0
Internal Service Fees and Allocations, Outside Funding Partners	0	0	400	0	0	2,170	1,157	506	4,233
<b>Total:</b>	1,900	1,000	400	0	0	2,170	1,157	506	7,133
<b>Fund Appropriations/Allocations</b>									
2009 Multipurpose LTGO Bond Fund	1,900	0	0	0	0	0	0	0	1,900
2010 Multipurpose LTGO Bond Fund	0	1,000	0	0	0	0	0	0	1,000
Information Technology Fund	0	0	400	0	0	2,170	1,157	506	4,233
<b>Total*:</b>	1,900	1,000	400	0	0	2,170	1,157	506	7,133
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	13,475	2,930	2,910	2,989	3,101	3,194	3,264	3,336	35,199
<b>Total:</b>	13,475	2,930	2,910	2,989	3,101	3,194	3,264	3,336	35,199
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	13,475	2,930	2,910	2,989	3,101	3,194	3,264	3,336	35,199
<b>Total*:</b>	13,475	2,930	2,910	2,989	3,101	3,194	3,264	3,336	35,199
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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>	Q3/2011
<b>Location:</b>	700 5th AVE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project provides for the installation of a next-generation voice and data switching system in the Puget Sound region (King, Pierce, and Snohomish Counties). The project enhances and provides for interoperable radio and data communications for public safety agencies throughout the region.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	40	3,377	0	0	0	0	0	0	3,417
Internal Service Fees and Allocations, Outside Funding Partners	119	815	0	0	0	0	0	0	934
<b>Total:</b>	159	4,192	0	0	0	0	0	0	4,351
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	159	4,192	0	0	0	0	0	0	4,351
<b>Total*:</b>	159	4,192	0	0	0	0	0	0	4,351
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2011 - 2016 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, city council chambers cameras and ancillary production equipment. However, 2011-12 budget reductions will delay implementation of the plan to upgrade the Seattle Channel to a High Definition (HD) signal by two years.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	446	284	92	37	391	393	448	453	2,544
<b>Total:</b>	446	284	92	37	391	393	448	453	2,544
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	446	284	92	37	391	393	448	453	2,544
<b>Total*:</b>	446	284	92	37	391	393	448	453	2,544
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

**FINANCE  
AND  
ADMINISTRATIVE  
SERVICES**



## Overview of Facilities and Programs

The Finance & Administrative Services Department (FAS) is responsible for building, operating, and maintaining general government facilities. Examples include the City's core public safety facilities (including 33 fire stations and waterfront marine operations, 5 police precincts, the Harbor Patrol, Seattle Emergency Operations and Fire Alarm Centers), the City's vehicle maintenance shops and other support facilities, and the City's downtown office building portfolio. In addition, FAS maintains some of the community-based facilities owned by the City, such as senior centers and community service centers.

The Department's 2011-2016 Adopted Capital Improvement Program (CIP) is FAS's plan for maintaining, renovating, expanding, and replacing its extensive inventory of buildings. 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.

The 2003 Fire Facilities and Emergency Response Levy Program (FFERP) is a 9-year \$167 million property tax levy that voters approved in November 2003. The levy, together with approximately \$132 million from other sources, funds more than 40 projects to improve the City's fire fighting and emergency response capabilities, including carrying out various emergency preparedness initiatives (for example, upgrading the City's water supply system for firefighting purposes), constructing new support facilities for the Fire Department (including a new joint training facility), constructing a new Emergency Operations Center and Fire Alarm Center, procuring two new fireboats and rehabilitating the Chief Seattle fireboat, and upgrading, renovating, or replacing most of the City's neighborhood fire stations.

## Highlights

**2003 Fire Facilities and Emergency Response Levy Program:** FAS reopened nine neighborhood fire stations in 2010: Fire Stations 33/Rainier Beach, 28/Rainier Valley, 41/Magnolia, and 39/Lake City, 2/Belltown, 17/University, 35/Crown Hill, 37/West Seattle/High Point, and 38/Hawthorne Hills. With the respective openings, all of the projects enter one year warranty phases. In 2010, due to the economic downturn, the 2010-2015 Adopted CIP restructured the Levy program financing plan, resulting in a two-year extension to the program. The program is now expected to be complete in the 4<sup>th</sup> quarter of 2015.

In 2011, FAS will continue to execute the Fire Levy with construction of six neighborhood fire stations (Fire Stations 30/Mt. Baker, 21/Greenwood, 13/Beacon Hill, 16/Green Lake, 6/Central District, 9/Fremont), and begin or continue design on twelve stations (Fire Stations 20/West Queen Anne, 14/SODO, 32/West Seattle Junction, 8/Queen Anne, 27/Georgetown, 34/Madison Park, 36/Delridge/Harbor Island/, 40/Wedgwood, 25/Capitol Hill, 24/Bitter Lake and 26/South Park), plus the Chief Seattle fireboat. A temporary fire station program which sites, designs and constructs temporary fire stations for those projects in which station construction displaces firefighters is also part of this work so emergency services can continue uninterrupted and within appropriate response times. In 2011, six active fire stations will be housed in temporary facilities consisting of tents for apparatus and trailers for living quarters and support functions so firefighters can continue to provide the full complement of emergency services to their neighborhoods.

**Asset Preservation Program:** The Asset Preservation Program preserves and extends the useful life and operational capacity of existing FAS-managed facilities, and is funded by facility space rent paid by City departments. Typical major maintenance work includes, but is not limited to, the repair and replacement of building envelope components, such as roofs, windows and exterior doors; the repair and replacement of core building systems such as HVAC equipment, water distribution systems, and electrical power distribution systems; and the repair and replacement of other equipment in the building due to age or

## Finance & Administrative Services

prolonged substandard performance. Examples of 2011-2012 projects planned include replacing aged and leaking roofs, upgrading security systems and replacing failing and substandard electrical and mechanical equipment in FAS shops and yards and at public safety facilities. The City's downtown campus buildings projects will include weatherization/exterior sealant work and exterior granite paver replacement on the Municipal Tower, replacement of fire pump controls and chillers at the Municipal Tower, and replacement of thermal wall mechanical shading devices and entry modifications at the Justice Center.

**Americans with Disabilities Act Capital Improvement Program:** New to the City's Capital Improvement Program is a citywide effort to lead the coordination of the funding and approval for necessary improvements related to discussions between the City of Seattle and the U.S. Department of Justice. Typical improvements may include, but are not limited to, public restroom reconfigurations, slope modifications to ramps, access to public spaces such as parks, and accessibility improvements to pathways that allow access to, through, and from facilities.

**Municipal Energy Efficiency Projects:** 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 (e.g., walls, windows, and roofs), lighting systems, plumbing equipment and distribution systems, and building controls systems.

### Project Selection Process

The following process is used to identify and prioritize potential CIP projects:

**Project Identification:** For asset preservation and major maintenance projects, FAS maintains and annually updates a plan based on its maintenance and facility assessment efforts, balanced with input from various sources including community groups, customer departments, and elected officials. Crew chiefs, property agents, architects, engineers, and project managers provide technical guidance on major maintenance and building system replacement. Other projects, including new facilities, are typically identified through special analyses or major City-wide initiatives.

**Project Selection:** Regardless of category, federal and state-mandated projects are automatically placed in the plan. Asset preservation projects are selected based on urgency and available funds. The Executive prioritizes new development and planning projects based on demand and responsiveness to the public's well-being.

**Project Funding and Schedule:** Each project listed in the plan is reviewed to determine viable funding sources, including Asset Preservation Subaccount, Community Development Block Grant, other grants, bond funds, or other Cumulative Reserve Subfund funds. FAS establishes the timeframe and estimates the cost of each planned project prior to review and approval by the City Budget Office, Mayor, and City Council.

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

Operating and maintenance costs for expanded and new facilities coming on-line in 2011 are expected to increase existing budget levels due to both increases in square footage maintained by FAS and inflationary increases in the cost of utilities, labor, and security. For facilities that entail a substantial increase in occupied space, operating and maintenance costs are expected to increase consistent with average current costs for similar space, plus inflation. New and substantially renovated facilities (such as fire stations) are expected to be more efficient per square foot to operate and maintain than similar older facilities, which mitigates the increased operations costs of new facilities. Asset preservation projects are generally anticipated to have minimal impact on operating and maintenance costs, although in some instances they may lower or increase operating costs. In the case of fire station projects, projected changes in operating costs capture the impacts on both FAS and the Fire Department's operating budgets.

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

There are no Council provisos.





# Finance and Administrative Services

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Asset Preservation - Civic Core</b>					<b>BCL/Program Code:</b>				<b>A1AP1</b>
Asset Preservation - Civic Center (A1AP101)	569	1,298	1,400	370	850	850	850	850	7,038
<b>Asset Preservation - Civic Core</b>	569	1,298	1,400	370	850	850	850	850	7,038
<b>Asset Preservation - Public Safety Facilities</b>					<b>BCL/Program Code:</b>				<b>A1AP6</b>
Asset Preservation - Public Safety Facilities (A1AP601)	2,487	1,768	1,100	550	600	600	600	600	8,305
<b>Asset Preservation - Public Safety Facilities</b>	2,487	1,768	1,100	550	600	600	600	600	8,305
<b>Asset Preservation - Seattle Municipal Tower</b>					<b>BCL/Program Code:</b>				<b>A1AP2</b>
Asset Preservation - Seattle Municipal Tower (A1AP201)	10,507	3,125	1,120	2,150	1,670	1,670	1,670	1,670	23,582
<b>Asset Preservation - Seattle Municipal Tower</b>	10,507	3,125	1,120	2,150	1,670	1,670	1,670	1,670	23,582
<b>Asset Preservation - Shops and Yards</b>					<b>BCL/Program Code:</b>				<b>A1AP4</b>
Asset Preservation - Shops and Yards (A1AP401)	1,314	1,496	100	650	600	600	600	600	5,960
<b>Asset Preservation - Shops and Yards</b>	1,314	1,496	100	650	600	600	600	600	5,960
<b>Chief Seattle Fireboat Rehabilitation</b>					<b>BCL/Program Code:</b>				<b>A1FL402</b>
Chief Seattle Fireboat Rehabilitation (A1FL402)	343	5,604	0	0	0	0	0	0	5,947
<b>Chief Seattle Fireboat Rehabilitation</b>	343	5,604	0	0	0	0	0	0	5,947
<b>Civic Square</b>					<b>BCL/Program Code:</b>				<b>A1GM5</b>
Civic Square (A1GM501)	197	1,045	0	0	0	0	0	0	1,242
<b>Civic Square</b>	197	1,045	0	0	0	0	0	0	1,242
<b>Environmental Stewardship</b>					<b>BCL/Program Code:</b>				<b>A1GM3</b>
Stormwater Drainage (A1GM308)	0	0	150	100	0	0	0	0	250
<b>Environmental Stewardship</b>	0	0	150	100	0	0	0	0	250
<b>Fire Stations - Land Acquisition</b>					<b>BCL/Program Code:</b>				<b>A1FL101</b>
Fire Stations - Land Acquisition (A1FL101)	17,963	5,383	0	0	0	0	0	0	23,346
<b>Fire Stations - Land Acquisition</b>	17,963	5,383	0	0	0	0	0	0	23,346
<b>Garden of Remembrance</b>					<b>BCL/Program Code:</b>				<b>A51647</b>
Garden of Remembrance (A11452)	210	22	23	24	25	26	26	27	383

\*Amounts in thousands of dollars

**2011 - 2016 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>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Garden of Remembrance</b>	210	22	23	24	25	26	26	27	383
<b>General Government Facilities - General</b>									<b>A1GM1</b>
Americans with Disabilities Act: Facilities Improvements (A1GM111)	0	0	200	1,000	2,000	3,000	3,000	3,000	12,200
Customer Requested Tenant Improvement Program (A1GM105)	8,640	8,612	3,500	3,500	3,500	3,500	3,500	3,500	38,252
FAS: Municipal Energy Efficiency Projects (A1GM199)	0	0	692	4,200	0	0	0	0	4,892
Fleet Garage Vehicle Lifts (A1GM110)	313	2,376	0	0	0	0	0	0	2,689
<b>General Government Facilities - General</b>	<b>8,953</b>	<b>10,988</b>	<b>4,392</b>	<b>8,700</b>	<b>5,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>58,033</b>
<b>Neighborhood Fire Stations</b>									<b>A1FL1</b>
Fire Station 02 (A1FL102)	8,057	5,574	0	0	0	0	0	0	13,631
Fire Station 06 (A1FL106)	244	6,369	3,500	0	0	0	0	0	10,113
Fire Station 08 (A1FL108)	0	100	1,209	1,618	0	0	0	0	2,927
Fire Station 09 (A1FL109)	312	7,646	0	0	0	0	0	0	7,958
Fire Station 11 (A1FL111)	0	0	460	1,125	0	0	0	0	1,585
Fire Station 13 (A1FL113)	131	2,946	0	0	0	0	0	0	3,077
Fire Station 14 (A1FL114)	521	7,159	5,000	0	0	0	0	0	12,680
Fire Station 16 (A1FL116)	118	4,041	0	0	0	0	0	0	4,159
Fire Station 17 (A1FL117)	6,446	4,887	0	0	0	0	0	0	11,333
Fire Station 18 (A1FL118)	0	0	0	783	2,594	0	0	0	3,377
Fire Station 20 (A1FL120)	0	2,000	0	7,035	0	0	0	0	9,035
Fire Station 21 (A1FL121)	802	6,115	0	0	0	0	0	0	6,917
Fire Station 22 (A1FL122)	0	0	0	0	0	0	0	0	0
Fire Station 24 (A1FL124)	0	0	395	828	0	0	0	0	1,223
Fire Station 25 (A1FL125)	0	667	2,066	0	0	0	0	0	2,733
Fire Station 26 (A1FL126)	0	0	390	807	0	0	0	0	1,197
Fire Station 27 (A1FL127)	4	481	976	0	0	0	0	0	1,461
Fire Station 28 (A1FL128)	9,670	1,625	0	0	0	0	0	0	11,295
Fire Station 29 (A1FL129)	0	0	0	1,045	822	0	0	0	1,867
Fire Station 30 (A1FL130)	1,451	6,380	0	0	0	0	0	0	7,831

\*Amounts in thousands of dollars

**2011 - 2016 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>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Fire Station 32 (A1FL132)	158	3,472	200	10,237	0	0	0	0	14,067
Fire Station 33 (A1FL133)	1,979	298	0	0	0	0	0	0	2,277
Fire Station 34 (A1FL134)	0	0	590	1,030	0	0	0	0	1,620
Fire Station 35 (A1FL135)	2,225	4,992	0	0	0	0	0	0	7,217
Fire Station 36 (A1FL136)	0	0	982	997	0	0	0	0	1,979
Fire Station 37 (A1FL137)	1,208	4,235	0	0	0	0	0	0	5,443
Fire Station 38 (A1FL138)	1,077	4,859	0	0	0	0	0	0	5,936
Fire Station 39 (A1FL139)	4,344	1,845	0	0	0	0	0	0	6,189
Fire Station 40 (A1FL140)	0	0	357	654	0	0	0	0	1,011
Fire Station 41 (A1FL141)	2,355	961	0	0	0	0	0	0	3,316
Fire Station Emergency Generators (A1FL151)	256	1,510	0	0	0	0	0	0	1,766
Fire Station Improvement Debt Service (A1FL199)	5,465	5,094	5,586	5,590	6,077	2,890	3,862	3,862	38,426
<b>Neighborhood Fire Stations</b>	<b>46,823</b>	<b>83,256</b>	<b>21,711</b>	<b>31,749</b>	<b>9,493</b>	<b>2,890</b>	<b>3,862</b>	<b>3,862</b>	<b>203,646</b>
<b>Public Safety Facilities - Police</b>									<b>BCL/Program Code: A1PS1</b>
North Precinct Upgrades (A1PS105)	0	0	500	0	0	0	0	0	500
Police Facilities (A1PS101)	2,507	378	0	0	0	0	0	0	2,885
<b>Public Safety Facilities - Police</b>	<b>2,507</b>	<b>378</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,385</b>
<b>Department Total*:</b>	<b>91,873</b>	<b>114,365</b>	<b>30,496</b>	<b>44,293</b>	<b>18,738</b>	<b>13,136</b>	<b>14,108</b>	<b>14,109</b>	<b>341,118</b>

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**



## Finance and Administrative Services

### Fund Summary

Fund Name & Code	LTD Actuals	2010	2011	2012	2013	2014	2015	2016	Total
2002B LTGO Capital Project Fund (34700)	1,880	0	0	0	0	0	0	0	1,880
2003 Fire Facilities Fund (34440)	36,785	49,431	5,874	9,232	0	0	0	0	101,322
2008 Multipurpose LTGO Bond Fund (35200)	8,955	15,426	0	0	0	0	0	0	24,381
2009 Multipurpose LTGO Bond Fund (35300)	0	1,410	0	0	0	0	0	0	1,410
2010 Multipurpose LTGO Bond Fund (35400)	0	7,000	0	0	0	0	0	0	7,000
2011 Multipurpose LTGO Bond Fund (35500)	0	0	692	0	0	0	0	0	692
2012 Multipurpose LTGO Bond Fund (35600)	0	0	0	4,200	0	0	0	0	4,200
2013 Multipurpose LTGO Bond Fund (35700)	0	0	10,251	4,054	1,491	0	0	0	15,796
2014 Multipurpose LTGO Bond Fund (35800)	0	0	0	10,161	0	0	0	0	10,161
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities (00168)	14,877	7,688	3,720	3,720	3,720	3,720	3,720	3,720	44,885
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	20,019	23,681	6,436	9,402	10,002	5,890	6,862	6,862	89,154
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	244	72	23	24	25	26	26	27	467
Fleets and Facilities Fund (50300)	8,640	8,612	3,500	3,500	3,500	3,500	3,500	3,500	38,252
Municipal Civic Center Fund (34200)	473	1,045	0	0	0	0	0	0	1,518
<b>Department Total*:</b>	91,873	114,365	30,496	44,293	18,738	13,136	14,108	14,109	341,118

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**



# Finance and Administrative Services

## Americans with Disabilities Act: Facilities Improvements

<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>	A1GM111	<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>	

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 facilities that the DOJ has identified that need to be updated or modified in order to be in compliance with ADA standards. In 2011, the City anticipates reaching agreement with the DOJ regarding the noted findings, including steps which the City will take to remedy agreed deficiencies. In addition, the City will be undertaking a survey of facilities not audited by DOJ to assess their compliance with the ADA. As a result, the 2011-2012 Proposed Budget includes funding for a project manager who will provide oversight on work to survey the City facilities for compliance; determine and report compliance to DOJ on the agreement; and review and modify as needed the facilities design process with regard to the ADA. The 2011-2012 Proposed Budget also includes \$200,000 in funding to begin updates to City facilities where required to meet ADA standards.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	200	1,000	2,000	3,000	3,000	3,000	12,200
<b>Total:</b>	0	0	200	1,000	2,000	3,000	3,000	3,000	12,200
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	200	1,000	2,000	3,000	3,000	3,000	12,200
<b>Total*:</b>	0	0	200	1,000	2,000	3,000	3,000	3,000	12,200

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	569	1,298	1,400	370	850	850	850	850	7,038
<b>Total:</b>	569	1,298	1,400	370	850	850	850	850	7,038
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	569	1,298	1,400	370	850	850	850	850	7,038
<b>Total*:</b>	569	1,298	1,400	370	850	850	850	850	7,038
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	2,487	1,768	1,100	550	600	600	600	600	8,305
<b>Total:</b>	2,487	1,768	1,100	550	600	600	600	600	8,305
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	2,487	1,768	1,100	550	600	600	600	600	8,305
<b>Total*:</b>	2,487	1,768	1,100	550	600	600	600	600	8,305
<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.*

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	10,507	3,125	1,120	2,150	1,670	1,670	1,670	1,670	23,582
<b>Total:</b>	10,507	3,125	1,120	2,150	1,670	1,670	1,670	1,670	23,582
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	10,507	3,125	1,120	2,150	1,670	1,670	1,670	1,670	23,582
<b>Total*:</b>	10,507	3,125	1,120	2,150	1,670	1,670	1,670	1,670	23,582
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities		3,125	1,120	2,150	1,670	1,670	1,670	1,670	13,075
<b>Total:</b>		3,125	1,120	2,150	1,670	1,670	1,670	1,670	13,075

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	1,314	1,496	100	650	600	600	600	600	5,960
<b>Total:</b>	1,314	1,496	100	650	600	600	600	600	5,960
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	1,314	1,496	100	650	600	600	600	600	5,960
<b>Total*:</b>	1,314	1,496	100	650	600	600	600	600	5,960
<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		1,496	100	650	600	600	600	600	4,646
<b>Total:</b>		1,496	100	650	600	600	600	600	4,646

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

### 2011 - 2016 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>	Q2/2007
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	343	2,660	0	0	0	0	0	0	3,003
Miscellaneous Grants or Donations	0	2,370	0	0	0	0	0	0	2,370
General Obligation Bonds	0	574	0	0	0	0	0	0	574
<b>Total:</b>	343	5,604	0	0	0	0	0	0	5,947
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	343	5,030	0	0	0	0	0	0	5,373
2008 Multipurpose LTGO Bond Fund	0	574	0	0	0	0	0	0	574
<b>Total*:</b>	343	5,604	0	0	0	0	0	0	5,947
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2003 Fire Facilities Fund		59	1,873	1,441	1,539	119	0	0	5,030
2008 Multipurpose LTGO Bond Fund		574	0	0	0	0	0	0	574
<b>Total:</b>		633	1,873	1,441	1,539	119	0	0	5,604

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

### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Interdepartmental Transfer	197	1,045	0	0	0	0	0	0	1,242
<b>Total:</b>	197	1,045	0	0	0	0	0	0	1,242
<b>Fund Appropriations/Allocations</b>									
Municipal Civic Center Fund	197	1,045	0	0	0	0	0	0	1,242
<b>Total*:</b>	197	1,045	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		6	10	10	50	150	819	0	1,045
<b>Total:</b>		6	10	10	50	150	819	0	1,045

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## 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 facilities that FAS owns and/or manages. FAS has exclusive responsibility to manage all tenant improvement work within Department-owned/managed facilities; all contracts are held and paid by FAS. Typical improvements may include, but are not limited to tenant space remodels, security system upgrades, and equipment replacement.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Interdepartmental Transfer	8,640	8,612	3,500	3,500	3,500	3,500	3,500	3,500	38,252
<b>Total:</b>	8,640	8,612	3,500	3,500	3,500	3,500	3,500	3,500	38,252
<b>Fund Appropriations/Allocations</b>									
Fleets and Facilities Fund	8,640	8,612	3,500	3,500	3,500	3,500	3,500	3,500	38,252
<b>Total*:</b>	8,640	8,612	3,500	3,500	3,500	3,500	3,500	3,500	38,252
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Fleets and Facilities Fund		924	4,781	4,781	4,781	4,781	4,781	4,781	29,612
<b>Total:</b>		924	4,781	4,781	4,781	4,781	4,781	4,781	29,612

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	692	0	0	0	0	0	692
General Obligation Bonds	0	0	0	4,200	0	0	0	0	4,200
<b>Total:</b>	0	0	692	4,200	0	0	0	0	4,892
<b>Fund Appropriations/Allocations</b>									
2011 Multipurpose LTGO Bond Fund	0	0	692	0	0	0	0	0	692
2012 Multipurpose LTGO Bond Fund	0	0	0	4,200	0	0	0	0	4,200
<b>Total*:</b>	0	0	692	4,200	0	0	0	0	4,892

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

### 2011 - 2016 Adopted Capital Improvement Program

# Finance and Administrative Services

## Fire Station 02

<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>	Q4/2006
<b>Project ID:</b>	A1FL102	<b>End Date:</b>	Q3/2011
<b>Location:</b>	2334 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>	Belltown

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, renovates 18,800 square feet at Fire Station 2, which is a historic landmark. In addition to a seismic retrofit and complete renovation to support modern firefighting equipment and functions, the building will house a new wellness and fitness center in 15,400 square feet previously occupied by the Emergency Operations Center and Fire Alarm Center. The project also provides temporary quarters for firefighters while the fire station is under construction. The renovated building will protect firefighters in the event of an earthquake and allow them to provide high-quality emergency services to the Belltown community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,016	2,024	0	0	0	0	0	0	4,040
Seattle Voter-Approved Levy	5,193	2,241	0	0	0	0	0	0	7,435
General Obligation Bonds	848	1,309	0	0	0	0	0	0	2,157
<b>Total:</b>	8,057	5,574	0	0	0	0	0	0	13,631
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,016	2,024	0	0	0	0	0	0	4,040
2003 Fire Facilities Fund	5,193	2,241	0	0	0	0	0	0	7,435
2008 Multipurpose LTGO Bond Fund	848	1,309	0	0	0	0	0	0	2,157
<b>Total*:</b>	8,057	5,574	0	0	0	0	0	0	13,631
<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 I Subaccount		1,951	73	0	0	0	0	0	2,024
2003 Fire Facilities Fund		2,219	22	0	0	0	0	0	2,241
2008 Multipurpose LTGO Bond Fund		1,259	49	0	0	0	0	0	1,309
<b>Total:</b>		5,429	144	0	0	0	0	0	5,574

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### 2011 - 2016 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>	Q4/2014
<b>Location:</b>	2615 S Jackson St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	23rd Ave. @ Jackson

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 6 at a new site. The existing Fire Station 6 is a historic landmark, seismically vulnerable, and cannot feasibly be renovated to provide the space necessary to support modern firefighting equipment and emergency functions. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Central District community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	599	0	0	0	0	0	0	599
Seattle Voter-Approved Levy	244	5,770	0	0	0	0	0	0	6,014
General Obligation Bonds	0	0	3,500	0	0	0	0	0	3,500
<b>Total:</b>	244	6,369	3,500	0	0	0	0	0	10,113

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	599	0	0	0	0	0	0	599
2003 Fire Facilities Fund	244	5,770	0	0	0	0	0	0	6,014
2013 Multipurpose LTGO Bond Fund	0	0	3,500	0	0	0	0	0	3,500
<b>Total*:</b>	244	6,369	3,500	0	0	0	0	0	10,113

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	162	13	115	289	19	0	0	599
2003 Fire Facilities Fund	1,620	128	1,096	2,744	183	0	0	5,770
2013 Multipurpose LTGO Bond Fund	0	1,829	1,671	0	0	0	0	3,500
<b>Total:</b>	1,782	1,970	2,882	3,033	202	0	0	9,869

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## 2011 - 2016 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>	Q3/2010
<b>Project ID:</b>	A1FL108	<b>End Date:</b>	Q2/2014
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	0	1,618	0	0	0	0	1,618
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	0	100	1,209	0	0	0	0	0	1,309
General Obligation Bonds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	100	1,209	1,618	0	0	0	0	2,927

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	0	100	1,209	0	0	0	0	0	1,309
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund	0	0	0	1,618	0	0	0	0	1,618
<b>Total*:</b>	0	100	1,209	1,618	0	0	0	0	2,927

### O & M Costs (Savings)

	0	0	0	0	0	0	0	0	0
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### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	60	558	48	590	54	0	0	0	1,309
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund	0	0	927	691	0	0	0	0	1,618
<b>Total:</b>	60	558	975	1,281	54	0	0	0	2,927

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

## 2011 - 2016 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>	Q1/2014
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	1,676	0	0	0	0	0	0	1,676
Real Estate Excise Tax I	0	46	0	0	0	0	0	0	46
Seattle Voter-Approved Levy	312	5,924	0	0	0	0	0	0	6,236
<b>Total:</b>	312	7,646	0	0	0	0	0	0	7,958

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	46	0	0	0	0	0	0	46
2003 Fire Facilities Fund	312	5,924	0	0	0	0	0	0	6,236
2008 Multipurpose LTGO Bond Fund	0	1,676	0	0	0	0	0	0	1,676
<b>Total*:</b>	312	7,646	0	0	0	0	0	0	7,958

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3	14	23	7	0	0	0	46
2003 Fire Facilities Fund	398	1,790	2,872	830	34	0	0	5,924
2008 Multipurpose LTGO Bond Fund	93	513	823	238	10	0	0	1,676
<b>Total:</b>	493	2,317	3,718	1,075	44	0	0	7,646

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

## 2011 - 2016 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>	Q2/2011
<b>Project ID:</b>	A1FL111	<b>End Date:</b>	Q4/2015
<b>Location:</b>	1514 SW Holden St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Delridge	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 11 and makes minor functional improvements to the facility. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Highland Park community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	0	0	460	0	0	0	0	0	460
General Obligation Bonds	0	0	0	1,125	0	0	0	0	1,125
<b>Total:</b>	0	0	460	1,125	0	0	0	0	1,585
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	0	0	460	0	0	0	0	0	460
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund	0	0	0	1,125	0	0	0	0	1,125
<b>Total*:</b>	0	0	460	1,125	0	0	0	0	1,585
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
2003 Fire Facilities Fund		0	0	8	0	423	29	0	460
2012 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund		0	0	259	467	400	0	0	1,125
<b>Total:</b>		0	0	267	467	823	29	0	1,585

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

### 2011 - 2016 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>	Q1/2009
<b>Project ID:</b>	A1FL113	<b>End Date:</b>	Q1/2014
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	700	0	0	0	0	0	0	700
Real Estate Excise Tax I	131	2,246	0	0	0	0	0	0	2,377
Seattle Voter-Approved Levy	0	0	0	0	0	0	0	0	0
<b>Total:</b>	131	2,946	0	0	0	0	0	0	3,077
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	131	2,246	0	0	0	0	0	0	2,377
2003 Fire Facilities Fund	0	0	0	0	0	0	0	0	0
2008 Multipurpose LTGO Bond Fund	0	700	0	0	0	0	0	0	700
<b>Total*:</b>	131	2,946	0	0	0	0	0	0	3,077
<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		128	841	974	289	14	0	0	2,246
2003 Fire Facilities Fund		0	0	0	0	0	0	0	0
2008 Multipurpose LTGO Bond Fund		700	0	0	0	0	0	0	700
<b>Total:</b>		828	841	974	289	14	0	0	2,946

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

### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	856	0	0	0	0	0	0	856
Seattle Voter-Approved Levy	377	5,219	0	0	0	0	0	0	5,596
General Obligation Bonds	144	384	0	0	0	0	0	0	528
General Obligation Bonds	0	700	0	0	0	0	0	0	700
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	5,000	0	0	0	0	0	5,000
<b>Total:</b>	521	7,159	5,000	0	0	0	0	0	12,680
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	856	0	0	0	0	0	0	856
2003 Fire Facilities Fund	377	5,219	0	0	0	0	0	0	5,596
2008 Multipurpose LTGO Bond Fund	144	384	0	0	0	0	0	0	528
2009 Multipurpose LTGO Bond Fund	0	700	0	0	0	0	0	0	700
2011 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	0	5,000	0	0	0	0	0	5,000
<b>Total*:</b>	521	7,159	5,000	0	0	0	0	0	12,680
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	727	129	0	0	0	0	0	856
2003 Fire Facilities Fund	30	10	128	3,060	1,817	175	0	5,219
2008 Multipurpose LTGO Bond Fund	384	0	0	0	0	0	0	384
2009 Multipurpose LTGO Bond Fund	700	0	0	0	0	0	0	700
2011 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	1,839	3,161	0	0	0	0	5,000
<b>Total:</b>	1,840	1,978	3,289	3,060	1,817	175	0	12,159

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

### 2011 - 2016 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>	Q1/2009
<b>Project ID:</b>	A1FL116	<b>End Date:</b>	Q1/2014
<b>Location:</b>	6846 Oswego Pl NE	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Green Lake
<b>Neighborhood District:</b>	Northwest		

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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	80	3,679	0	0	0	0	0	0	3,759
Seattle Voter-Approved Levy	38	362	0	0	0	0	0	0	400
<b>Total:</b>	118	4,041	0	0	0	0	0	0	4,159
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	80	3,679	0	0	0	0	0	0	3,759
2003 Fire Facilities Fund	38	362	0	0	0	0	0	0	400
<b>Total*:</b>	118	4,041	0	0	0	0	0	0	4,159
<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		853	1,139	1,272	392	23	0	0	3,679
2003 Fire Facilities Fund		0	0	28	320	15	0	0	362
<b>Total:</b>		853	1,139	1,300	712	39	0	0	4,041

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

### 2011 - 2016 Adopted Capital Improvement Program



# Finance and Administrative Services

## Fire Station 17

<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>	A1FL117	<b>End Date:</b>	Q2/2011
<b>Location:</b>	1050 NE 50th 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>	University District

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, expands the existing Fire Station 17 while largely preserving its character as a historic landmark. The project also provides temporary quarters for firefighters while the fire station is under construction. The current facility is too small to support modern firefighting equipment and functions, and is seismically vulnerable. The expanded and seismically retrofit building will protect firefighters in the event of an earthquake and allow them to provide high-quality emergency services to the University District community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,271	124	0	0	0	0	0	0	1,395
Seattle Voter-Approved Levy	2,197	1,653	0	0	0	0	0	0	3,850
General Obligation Bonds	2,979	3,109	0	0	0	0	0	0	6,088
<b>Total:</b>	6,446	4,887	0	0	0	0	0	0	11,333

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,271	124	0	0	0	0	0	0	1,395
2003 Fire Facilities Fund	2,197	1,653	0	0	0	0	0	0	3,850
2008 Multipurpose LTGO Bond Fund	2,979	3,109	0	0	0	0	0	0	6,088
<b>Total*:</b>	6,446	4,887	0	0	0	0	0	0	11,333

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	120	5	0	0	0	0	0	0	124
2003 Fire Facilities Fund	1,599	54	0	0	0	0	0	0	1,653
2008 Multipurpose LTGO Bond Fund	3,064	45	0	0	0	0	0	0	3,109
<b>Total:</b>	4,783	103	0	0	0	0	0	0	4,887

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## 2011 - 2016 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>	Q1/2012
<b>Project ID:</b>	A1FL118	<b>End Date:</b>	Q4/2015
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	1,103	0	0	0	1,103
Seattle Voter-Approved Levy	0	0	0	783	0	0	0	0	783
General Obligation Bonds	0	0	0	0	1,491	0	0	0	1,491
<b>Total:</b>	0	0	0	783	2,594	0	0	0	3,377
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	1,103	0	0	0	1,103
2003 Fire Facilities Fund	0	0	0	783	0	0	0	0	783
2013 Multipurpose LTGO Bond Fund	0	0	0	0	1,491	0	0	0	1,491
<b>Total*:</b>	0	0	0	783	2,594	0	0	0	3,377
<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	568	535	0	0	0	1,103
2003 Fire Facilities Fund		0	0	0	459	324	0	0	783
2013 Multipurpose LTGO Bond Fund		0	0	0	0	1,429	62	0	1,491
<b>Total:</b>		0	0	568	994	1,753	62	0	3,377

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### 2011 - 2016 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>	Q2/2015
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>										
General Obligation Bonds		0	0	0	3,400	0	0	0	0	3,400
Seattle Voter-Approved Levy		0	0	0	3,635	0	0	0	0	3,635
General Obligation Bonds		0	2,000	0	0	0	0	0	0	2,000
General Obligation Bonds		0	0	0	0	0	0	0	0	0
<b>Total:</b>		0	2,000	0	7,035	0	0	0	0	9,035
<b>Fund Appropriations/Allocations</b>										
2003 Fire Facilities Fund		0	0	0	3,635	0	0	0	0	3,635
2010 Multipurpose LTGO Bond Fund		0	2,000	0	0	0	0	0	0	2,000
2012 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund		0	0	0	3,400	0	0	0	0	3,400
<b>Total*:</b>		0	2,000	0	7,035	0	0	0	0	9,035
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
2003 Fire Facilities Fund			0	0	72	1,886	1,593	83	0	3,635
2010 Multipurpose LTGO Bond Fund			274	1,660	66	0	0	0	0	2,000
2012 Multipurpose LTGO Bond Fund			0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund			0	0	2,293	1,107	0	0	0	3,400
<b>Total:</b>			274	1,660	2,431	2,993	1,593	83	0	9,035

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

### 2011 - 2016 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>	Q3/2012
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	5,000	0	0	0	0	0	0	5,000
Seattle Voter-Approved Levy	800	99	0	0	0	0	0	0	899
Real Estate Excise Tax I	2	1,016	0	0	0	0	0	0	1,018
<b>Total:</b>	802	6,115	0	0	0	0	0	0	6,917

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2	1,016	0	0	0	0	0	0	1,018
2003 Fire Facilities Fund	800	99	0	0	0	0	0	0	899
2010 Multipurpose LTGO Bond Fund	0	5,000	0	0	0	0	0	0	5,000
<b>Total*:</b>	802	6,115	0	0	0	0	0	0	6,917

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,016	0	0	0	0	0	0	0	1,016
2003 Fire Facilities Fund	89	8	2	0	0	0	0	0	99
2010 Multipurpose LTGO Bond Fund	2,248	2,702	51	0	0	0	0	0	5,000
<b>Total:</b>	3,352	2,710	52	0	0	0	0	0	6,115

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

## 2011 - 2016 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>	TBD
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<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>									
2003 Fire Facilities Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	0	0	0	0	0	0	0
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

### 2011 - 2016 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>	Q4/2011
<b>Project ID:</b>	A1FL124	<b>End Date:</b>	Q4/2015
<b>Location:</b>	401 N 130th St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 24 and makes minor functional improvements to the facility. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Bitter Lake community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	0	0	395	0	0	0	0	0	395
General Obligation Bonds	0	0	0	828	0	0	0	0	828
<b>Total:</b>	0	0	395	828	0	0	0	0	1,223
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	395	0	0	0	0	0	395
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund	0	0	0	828	0	0	0	0	828
<b>Total*:</b>	0	0	395	828	0	0	0	0	1,223
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2003 Fire Facilities Fund		0	37	19	0	322	17	0	395
2008 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2012 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund		0	0	206	462	160	0	0	828
<b>Total:</b>		0	37	225	462	482	17	0	1,223

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

### 2011 - 2016 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>	Q2/2011
<b>Project ID:</b>	A1FL125	<b>End Date:</b>	Q3/2015
<b>Location:</b>	1300 E Pine St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Pike/Pine

This project, part of the 2003 Fire Facilities and emergency Response Levy, provides a seismic and safety upgrade for Fire Station 25 and makes minor functional improvements to the facility. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Capitol Hill community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	575	0	0	0	0	0	575
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	0	667	1,491	0	0	0	0	0	2,158
General Obligation Bonds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	667	2,066	0	0	0	0	0	2,733
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	0	667	1,491	0	0	0	0	0	2,158
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	0	575	0	0	0	0	0	575
<b>Total*:</b>	0	667	2,066	0	0	0	0	0	2,733
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
2003 Fire Facilities Fund		0	93	618	780	629	38	0	2,158
2008 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund		0	0	0	295	280	0	0	575
<b>Total:</b>		0	93	618	1,075	909	38	0	2,733

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

### 2011 - 2016 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>	Q4/2011
<b>Project ID:</b>	A1FL126	<b>End Date:</b>	Q3/2015
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	807	0	0	0	0	807
Seattle Voter-Approved Levy	0	0	390	0	0	0	0	0	390
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>	0	0	390	807	0	0	0	0	1,197
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	807	0	0	0	0	807
2003 Fire Facilities Fund	0	0	390	0	0	0	0	0	390
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	390	807	0	0	0	0	1,197
<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	36	220	452	99	0	0	807
2003 Fire Facilities Fund		0	0	0	0	373	17	0	390
<b>Total:</b>		0	36	220	452	472	17	0	1,197

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

### 2011 - 2016 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>	Q3/2010
<b>Project ID:</b>	A1FL127	<b>End Date:</b>	Q4/2014
<b>Location:</b>	1000 S Myrtle St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Duwamish

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 27 and makes minor functional improvements to the facility. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Georgetown community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	4	481	0	0	0	0	0	0	485
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	976	0	0	0	0	0	976
<b>Total:</b>	4	481	976	0	0	0	0	0	1,461
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	4	481	0	0	0	0	0	0	485
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	0	976	0	0	0	0	0	976
<b>Total*:</b>	4	481	976	0	0	0	0	0	1,461
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
2003 Fire Facilities Fund		0	0	0	402	79	0	0	481
2010 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund		0	39	258	464	216	0	0	976
<b>Total:</b>		0	39	258	866	294	0	0	1,457

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

### 2011 - 2016 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>	Q3/2006
<b>Project ID:</b>	A1FL128	<b>End Date:</b>	Q2/2011
<b>Location:</b>	5968 Rainier Ave S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 28 and associated facilities on its existing site. The existing building is not seismically sound and is too small to support modern firefighting operations. The project ensures that firefighters will not be hurt in an earthquake and can continue to provide high-quality, modern emergency services to the Rainier Valley community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	891	125	0	0	0	0	0	0	1,016
Seattle Voter-Approved Levy	4,402	826	0	0	0	0	0	0	5,227
General Obligation Bonds	4,377	675	0	0	0	0	0	0	5,052
<b>Total:</b>	9,670	1,625	0	0	0	0	0	0	11,295
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	891	125	0	0	0	0	0	0	1,016
2003 Fire Facilities Fund	4,402	826	0	0	0	0	0	0	5,227
2008 Multipurpose LTGO Bond Fund	4,377	675	0	0	0	0	0	0	5,052
<b>Total*:</b>	9,670	1,625	0	0	0	0	0	0	11,295
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		125	0	0	0	0	0	0	125
2003 Fire Facilities Fund		739	87	0	0	0	0	0	826
2008 Multipurpose LTGO Bond Fund		675	0	0	0	0	0	0	675
<b>Total:</b>		1,538	87	0	0	0	0	0	1,625

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

### 2011 - 2016 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>	Q1/2012
<b>Project ID:</b>	A1FL129	<b>End Date:</b>	Q4/2015
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	822	0	0	0	822
Seattle Voter-Approved Levy	0	0	0	1,045	0	0	0	0	1,045
<b>Total:</b>	0	0	0	1,045	822	0	0	0	1,867
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	822	0	0	0	822
2003 Fire Facilities Fund	0	0	0	1,045	0	0	0	0	1,045
<b>Total*:</b>	0	0	0	1,045	822	0	0	0	1,867
<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	314	508	0	0	0	822
2003 Fire Facilities Fund		0	0	0	41	969	34	0	1,045
<b>Total:</b>		0	0	314	550	969	34	0	1,867

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### 2011 - 2016 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>	Q1/2007
<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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	51	661	0	0	0	0	0	0	712
Seattle Voter-Approved Levy	1,354	3,084	0	0	0	0	0	0	4,438
General Obligation Bonds	46	2,635	0	0	0	0	0	0	2,681
<b>Total:</b>	1,451	6,380	0	0	0	0	0	0	7,831
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	51	661	0	0	0	0	0	0	712
2003 Fire Facilities Fund	1,354	3,084	0	0	0	0	0	0	4,438
2008 Multipurpose LTGO Bond Fund	46	2,635	0	0	0	0	0	0	2,681
<b>Total*:</b>	1,451	6,380	0	0	0	0	0	0	7,831
<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		348	303	10	0	0	0	0	661
2003 Fire Facilities Fund		1,946	1,101	36	0	0	0	0	3,084
2008 Multipurpose LTGO Bond Fund		1,394	1,201	40	0	0	0	0	2,635
<b>Total:</b>		3,688	2,606	86	0	0	0	0	6,380

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### 2011 - 2016 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>	Q1/2008
<b>Project ID:</b>	A1FL132	<b>End Date:</b>	Q4/2015
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	645	0	1,905	0	0	0	0	2,550
Seattle Voter-Approved Levy	158	2,827	0	3,769	0	0	0	0	6,754
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	4,563	0	0	0	0	4,563
General Obligation Bonds	0	0	200	0	0	0	0	0	200
<b>Total:</b>	158	3,472	200	10,237	0	0	0	0	14,067
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	645	0	1,905	0	0	0	0	2,550
2003 Fire Facilities Fund	158	2,827	0	3,769	0	0	0	0	6,754
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	0	200	0	0	0	0	0	200
2014 Multipurpose LTGO Bond Fund	0	0	0	4,563	0	0	0	0	4,563
<b>Total*:</b>	158	3,472	200	10,237	0	0	0	0	14,067
<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.*

### 2011 - 2016 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	345	1,563	147	495	0	0	0	2,550
2003 Fire Facilities Fund	13	158	360	1,550	4,279	237	0	6,596
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	200	0	0	0	0	0	200
2014 Multipurpose LTGO Bond Fund	0	0	1,935	2,628	0	0	0	4,563
<b>Total:</b>	<b>358</b>	<b>1,921</b>	<b>2,442</b>	<b>4,673</b>	<b>4,279</b>	<b>237</b>	<b>0</b>	<b>13,909</b>

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### 2011 - 2016 Adopted Capital Improvement Program

# Finance and Administrative Services

## Fire Station 33

<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>	Q1/2007
<b>Project ID:</b>	A1FL133	<b>End Date:</b>	Q4/2010
<b>Location:</b>	9645 Renton 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, provides a seismic and safety upgrade for Fire Station 33 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 Rainier Beach community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,154	96	0	0	0	0	0	0	1,250
Seattle Voter-Approved Levy	315	63	0	0	0	0	0	0	378
General Obligation Bonds	510	139	0	0	0	0	0	0	649
<b>Total:</b>	1,979	298	0	0	0	0	0	0	2,277

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,154	96	0	0	0	0	0	0	1,250
2003 Fire Facilities Fund	315	63	0	0	0	0	0	0	378
2008 Multipurpose LTGO Bond Fund	510	139	0	0	0	0	0	0	649
<b>Total*:</b>	1,979	298	0	0	0	0	0	0	2,277

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

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	96	0	0	0	0	0	0	0	96
2003 Fire Facilities Fund	37	26	0	0	0	0	0	0	63
2008 Multipurpose LTGO Bond Fund	139	0	0	0	0	0	0	0	139
<b>Total:</b>	273	26	0	0	0	0	0	0	298

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## 2011 - 2016 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>	Q2/2011
<b>Project ID:</b>	A1FL134	<b>End Date:</b>	Q1/2015
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	0	0	590	0	0	0	0	0	590
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	1,030	0	0	0	0	1,030
<b>Total:</b>	0	0	590	1,030	0	0	0	0	1,620
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	0	0	590	0	0	0	0	0	590
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund	0	0	0	1,030	0	0	0	0	1,030
<b>Total*:</b>	0	0	590	1,030	0	0	0	0	1,620
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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
2003 Fire Facilities Fund	0	198	25	125	235	7	0	590
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund	0	0	317	713	0	0	0	1,030
<b>Total:</b>	0	198	342	838	235	7	0	1,620

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

### 2011 - 2016 Adopted Capital Improvement Program

# Finance and Administrative Services

## Fire Station 35

<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>	A1FL135	<b>End Date:</b>	Q4/2011
<b>Location:</b>	8729 15th 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>	Crown Hill

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 35 on its existing site. 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 Crown Hill community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	265	279	0	0	0	0	0	0	544
Seattle Voter-Approved Levy	1,911	4,062	0	0	0	0	0	0	5,973
General Obligation Bonds	50	650	0	0	0	0	0	0	700
<b>Total:</b>	2,225	4,992	0	0	0	0	0	0	7,217

<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	265	279	0	0	0	0	0	0	544
2003 Fire Facilities Fund	1,911	4,062	0	0	0	0	0	0	5,973
2008 Multipurpose LTGO Bond Fund	50	650	0	0	0	0	0	0	700
<b>Total*:</b>	2,225	4,992	0	0	0	0	0	0	7,217

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

<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		279	0	0	0	0	0	0	279
2003 Fire Facilities Fund		3,713	350	0	0	0	0	0	4,062
2008 Multipurpose LTGO Bond Fund		650	0	0	0	0	0	0	650
<b>Total:</b>		4,642	350	0	0	0	0	0	4,992

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

### 2011 - 2016 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>	Q1/2015
<b>Location:</b>	3600 23rd Ave SW		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Delridge	<b>Urban Village:</b>	Duwamish

This project, part of the 2003 Fire Facilities and Emergency Response Levy, provides a seismic and safety upgrade for Fire Station 36 and makes minor functional improvements to the facility. It also provides temporary quarters for firefighters while the fire station is under construction. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Delridge community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	0	0	982	0	0	0	0	0	982
General Obligation Bonds	0	0	0	997	0	0	0	0	997
<b>Total:</b>	0	0	982	997	0	0	0	0	1,979
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	982	0	0	0	0	0	982
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund	0	0	0	997	0	0	0	0	997
<b>Total*:</b>	0	0	982	997	0	0	0	0	1,979
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2003 Fire Facilities Fund		0	242	30	414	286	9	0	982
2008 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2012 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2014 Multipurpose LTGO Bond Fund		0	0	387	610	0	0	0	997
<b>Total:</b>		0	242	417	1,024	286	9	0	1,979

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### 2011 - 2016 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>	Q1/2007
<b>Project ID:</b>	A1FL137	<b>End Date:</b>	Q4/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	38	722	0	0	0	0	0	0	760
Seattle Voter-Approved Levy	1,170	3,513	0	0	0	0	0	0	4,683
<b>Total:</b>	1,208	4,235	0	0	0	0	0	0	5,443
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	38	722	0	0	0	0	0	0	760
2003 Fire Facilities Fund	1,170	3,513	0	0	0	0	0	0	4,683
<b>Total*:</b>	1,208	4,235	0	0	0	0	0	0	5,443
<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		697	25	0	0	0	0	0	722
2003 Fire Facilities Fund		3,407	106	0	0	0	0	0	3,513
<b>Total:</b>		4,104	131	0	0	0	0	0	4,235

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

### 2011 - 2016 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>	Q1/2007
<b>Project ID:</b>	A1FL138	<b>End Date:</b>	Q4/2011
<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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	72	1,081	0	0	0	0	0	0	1,153
Seattle Voter-Approved Levy	1,006	2,991	0	0	0	0	0	0	3,997
General Obligation Bonds	0	76	0	0	0	0	0	0	76
General Obligation Bonds	0	710	0	0	0	0	0	0	710
<b>Total:</b>	1,077	4,859	0	0	0	0	0	0	5,936
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	72	1,081	0	0	0	0	0	0	1,153
2003 Fire Facilities Fund	1,006	2,991	0	0	0	0	0	0	3,997
2008 Multipurpose LTGO Bond Fund	0	76	0	0	0	0	0	0	76
2009 Multipurpose LTGO Bond Fund	0	710	0	0	0	0	0	0	710
<b>Total*:</b>	1,077	4,859	0	0	0	0	0	0	5,936
<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		1,036	45	0	0	0	0	0	1,081
2003 Fire Facilities Fund		2,883	109	0	0	0	0	0	2,991
2008 Multipurpose LTGO Bond Fund		73	3	0	0	0	0	0	76
2009 Multipurpose LTGO Bond Fund		680	30	0	0	0	0	0	710
<b>Total:</b>		4,672	186	0	0	0	0	0	4,859

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

### 2011 - 2016 Adopted Capital Improvement Program

# Finance and Administrative Services

## Fire Station 39

<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>	A1FL139	<b>End Date:</b>	Q2/2011
<b>Location:</b>	12705 30th Ave 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>	Lake City

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds the existing Fire Station 39 at its existing location. The existing building is not seismically sound and is too small to support modern firefighting operations. This project ensures that firefighters will not be hurt in an earthquake and can continue to provide high-quality, modern emergency services to the Lake City community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	411	0	0	0	0	0	0	0	411
Seattle Voter-Approved Levy	3,933	1,845	0	0	0	0	0	0	5,778
<b>Total:</b>	4,344	1,845	0	0	0	0	0	0	6,189
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	411	0	0	0	0	0	0	0	411
2003 Fire Facilities Fund	3,933	1,845	0	0	0	0	0	0	5,778
<b>Total*:</b>	4,344	1,845	0	0	0	0	0	0	6,189
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
2003 Fire Facilities Fund		1,800	45	0	0	0	0	0	1,845
<b>Total:</b>		1,800	45	0	0	0	0	0	1,845

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### 2011 - 2016 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>	Q1/2015
<b>Location:</b>	9401 35th Ave NE	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Northeast		

This project, part of the 2003 Fire Facilities and Emergency Response Levy, provides a seismic and safety upgrade for Fire Station 40 and makes minor functional improvements to the facility. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Wedgwood community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	357	0	0	0	0	0	357
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	654	0	0	0	0	654
<b>Total:</b>	0	0	357	654	0	0	0	0	1,011
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	357	0	0	0	0	0	357
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	0	0	654	0	0	0	0	654
<b>Total*:</b>	0	0	357	654	0	0	0	0	1,011
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2003 Fire Facilities Fund		0	124	15	67	146	5	0	357
2008 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2012 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund		0	0	198	456	0	0	0	654
<b>Total:</b>		0	124	213	523	146	5	0	1,011

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### 2011 - 2016 Adopted Capital Improvement Program

# Finance and Administrative Services

## Fire Station 41

<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>	A1FL141	<b>End Date:</b>	Q2/2011
<b>Location:</b>	2416 34th 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, part of the 2003 Fire Facilities and Emergency Response Levy, provides a major renovation and expansion of Fire Station 41, which has been designated a historic landmark. The project addresses current structural and systems inadequacies, and expands and remodels the station to support modern firefighting operations. It also provides temporary quarters for firefighters while the fire station is under construction. The project ensures that firefighters will not be hurt in an earthquake and can provide high-quality emergency services to the Magnolia community.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,294	173	0	0	0	0	0	0	2,466
Seattle Voter-Approved Levy	61	789	0	0	0	0	0	0	850
<b>Total:</b>	2,355	961	0	0	0	0	0	0	3,316
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,294	173	0	0	0	0	0	0	2,466
2003 Fire Facilities Fund	61	789	0	0	0	0	0	0	850
<b>Total*:</b>	2,355	961	0	0	0	0	0	0	3,316
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		173	0	0	0	0	0	0	173
2003 Fire Facilities Fund		733	56	0	0	0	0	0	789
<b>Total:</b>		905	56	0	0	0	0	0	961

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### 2011 - 2016 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>	Q3/2011
<b>Location:</b>	Multiple Fire Station locations		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project provides funding for emergency generators at fire stations including Fire Station 8 (Queen Anne), Fire Station 11 (Highland Park), Fire Station 24 (Bitter Lake), Fire Station 34 (Madison Park), Fire Station 36 (Delridge), and Fire Station 40 (Wedgwood). The project installs generators for these fire stations in advance of the 2003 Fire Facilities and Emergency Response Levy seismic retrofit projects scheduled for these stations, where feasible, in order to improve disaster preparedness.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	256	1,510	0	0	0	0	0	0	1,766
<b>Total:</b>	256	1,510	0	0	0	0	0	0	1,766
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	256	1,510	0	0	0	0	0	0	1,766
<b>Total*:</b>	256	1,510	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		793	717	0	0	0	0	0	1,510
<b>Total:</b>		793	717	0	0	0	0	0	1,510

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## Finance and Administrative Services

### Fire Station Improvement Debt Service

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	A1FL199	<b>End Date:</b>	ONGOING
<b>Location:</b>	City-wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the payment of debt service on bonds issued to cover a portion of the costs associated with the 2003 Fire Facilities and Emergency Response Levy and associated asset preservation expenses.

		LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>										
Real Estate Excise Tax I		5,465	5,094	5,586	5,590	6,077	2,890	3,862	3,862	38,426
<b>Total:</b>		5,465	5,094	5,586	5,590	6,077	2,890	3,862	3,862	38,426
<b>Fund Appropriations/Allocations</b>										
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		5,465	5,094	5,586	5,590	6,077	2,890	3,862	3,862	38,426
<b>Total*:</b>		5,465	5,094	5,586	5,590	6,077	2,890	3,862	3,862	38,426
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
General Obligation Bonds	696	0	0	0	0	0	0	0	696
General Obligation Bonds	0	3,500	0	0	0	0	0	0	3,500
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	12,969	1,883	0	0	0	0	0	0	14,852
<b>Total:</b>	17,963	5,383	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	12,969	1,883	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	0	3,500	0	0	0	0	0	0	3,500
<b>Total*:</b>	17,963	5,383	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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### 2011 - 2016 Adopted Capital Improvement Program

# Finance and Administrative Services

## Fleet Garage Vehicle Lifts

<b>BCL/Program Name:</b>	General Government Facilities - General	<b>BCL/Program Code:</b>	A1GM1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	A1GM110	<b>End Date:</b>	Q4/2011
<b>Location:</b>	805 S Charles 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 replaces hydraulic vehicle lifts at the Charles Street Vehicle Maintenance Facility that have reached the end of their useful service lives. This project will reduce the risk of injury to maintenance personnel and damage to the equipment they service, as well as upgrade the maintenance group's ability to support fleet operations.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	313	2,376	0	0	0	0	0	0	2,689
<b>Total:</b>	313	2,376	0	0	0	0	0	0	2,689
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	313	2,376	0	0	0	0	0	0	2,689
<b>Total*:</b>	313	2,376	0	0	0	0	0	0	2,689
<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		1,716	660	0	0	0	0	0	2,376
<b>Total:</b>		1,716	660	0	0	0	0	0	2,376

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### 2011 - 2016 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.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	210	22	23	24	25	26	26	27	383
<b>Total:</b>	210	22	23	24	25	26	26	27	383
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	210	22	23	24	25	26	26	27	383
<b>Total*:</b>	210	22	23	24	25	26	26	27	383
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 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	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	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 I Subaccount	0	0	500	0	0	0	0	0	500
<b>Total*:</b>	0	0	500	0	0	0	0	0	500
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	400	100	0	0	0	0	500
<b>Total:</b>		0	400	100	0	0	0	0	500

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# 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>	Q1/2005
<b>Project ID:</b>	A1PS101	<b>End Date:</b>	Q4/2011
<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 improvements may include, but are not limited to upgrades to heating, ventilation, air conditioning, equipment replacement, and structural assessments and repairs. These improvements support police service by extending the operational life of old police facilities, complying with regulatory requirements, or addressing capacity problems.

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,017	328	0	0	0	0	0	0	1,345
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>2,507</b>	<b>378</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,885</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,017	328	0	0	0	0	0	0	1,345
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>2,507</b>	<b>378</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,885</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2011 - 2016 Adopted Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	255	73	0	0	0	0	0	328
Cumulative Reserve Subfund - Unrestricted Subaccount	35	15	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>	290	88	0	0	0	0	0	378

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### 2011 - 2016 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>	Q4/2013
<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).

	LTD Actuals	2010 Rev	2011	2012	2013	2014	2015	2016	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	150	100	0	0	0	0	250
<b>Total:</b>	0	0	150	100	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	150	100	0	0	0	0	250
<b>Total*:</b>	0	0	150	100	0	0	0	0	250

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### 2011 - 2016 Adopted Capital Improvement Program



## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
K733239-02	12th Avenue Park Development	This project will provide a small urban park,	0 564 12th AVE
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
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
K733080	Crown Hill School Open Space Development	Capacity will depend on project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	0 Holman Rd NW/13th Ave NW
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
K733082	First Hill Park Development	This project will add an approximately 10,000 square foot neighborhood park.	0 TBD
K733002	Green Space Acquisition General	This project will acquire various new properties.	0 Citywide
K732348	Hubbard Homestead Park (Northgate) Development	This CIP project will develop and preserve 3.73 acres of open space in the Northgate area and serve future residential development in the area.	0 NE 112th St/5th Ave NE
K733131	Jefferson Park - Beacon Reservoir Acquisition & Development	This project will make substantial improvements to approximately 34 acres of an existing park.	0 4165 16th Ave S
K733064	John and Summit Park Development (Bellevue Substation)	Capacity will depend on project scope that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	0 Summit Ave East/East John St
K730094	Judkins Skatespot Development	This project adds one skatespot in the park.	200 2150 S Norman ST
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
K730097	Magnolia Off Leash Park Development	This project adds one off-leash area in the Magnolia neighborhood.	70

\*Amounts in thousands of dollars

**2011 - 2016 Adopted Capital Improvement Program**

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
K733133	Magnuson Park Wetlands Development	This project will redevelop approximately 65 acres of wetlands.	0 6500 Sand Point Wy NE
K733104	Myrtle Reservoir Development	Capacity will depend on the project scope that will be the subject of negotiations with Seattle Public Utilities and additional citizen review consistent with the Parks Department's Public Involvement Policies.	0 35th Ave SW/SW Myrtle St
K732422	Parks Upgrade Program	Capacity will depend on the project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	508 Citywide
K730108	Queen Anne Off Leash Park Development	This project adds one off-leash area to the Queen Anne neighborhood.	70
K732337	Rainier Beach Community Center Redevelopment	This project will replace the existing community center and swimming pool.	20,326 8802 Rainier Ave S
K730112	Roxhill Park Skatespot Development	This project adds one skatespot to the park.	600 2850 SW Roxbury ST
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
K733124	University Heights Open Space Improvements	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 University Wy NE/NE 50th St

## Seattle Department of Transportation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
TC366220	14th Ave. S Street Improvements	This project will design and construct transportation and drainage improvements along 14 Ave. S.	6 14th Ave S/Dallas Ave S/S Director St
TC367000	15th Ave W/Elliott Ave W Street Improvements	This project will upgrade signal equipment and install and deploy ITS information systems.	0 15th Ave W/Denny Ave W/NW 90th St/Denny Wy

*\*Amounts in thousands of dollars*

### 2011 - 2016 Adopted Capital Improvement Program

# Seattle Department of Transportation

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
TC366050	Alaskan Way Viaduct & Seawall Replacement	This project funds the City's involvement in the replacement of the Alaskan Way Viaduct and Seawall.	21,766 ALASKAN WY VI SB/BATTERY ST TUN OFF RP
TC367010	Alaskan Way Viaduct Intelligent Transportation System	This project will install and deploy ITS information systems.	0 Citywide
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.	4,651 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 project will provide safety improvements at hazardous intersections.	146 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
TC327010	Duwamish Bikeway	This project will install one-half mile of new multi-use trail.	0 W Marginal Wy SW
TC365700	Duwamish Intelligent Transportation Systems (ITS)	This project will upgrade traffic signal controller equipment, install CCTV cameras, interconnect the signals and cameras to the central Traffic Management Center, and install roadway signs.	0 Various

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program

# Seattle Department of Transportation

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
TC365850	Duwamish Truck Mobility Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	645 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 will install and deploy ITS information systems projects.	8 Citywide
TC327000	Lake Union Ship Canal Trail	This project will construct 0.75 miles of new trail.	28 W Nickerson St/6th Ave W/15th Ave W
TC323130	Left Turn Signals	This project will add between five and ten left turn signals annually.	183 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.	3,203 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.	2,252 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.	9,037 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.	485 Citywide
TC367090	Railroad Crossing Signal Improvements	This project will install new railroad crossing gates and flashing lights.	0 Broad St B/Alaskan Way/Elliott Ave Broad St B/Alaskan Way/Elliott Ave

\*Amounts in thousands of dollars

2011 - 2016 Adopted Capital Improvement Program

## Seattle Department of Transportation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
TC366300	S Henderson Street Improvements	The project will improve access and mobility for pedestrians, transit, bicyclists, freight and vehicles.	10 S Henderson St.
TC366150	S Lander St. Grade Separation	The project will develop a grade separation of the S Lander St. roadway and the Burlington Northern mainline tracks between 1st and 4th Avenues S.	0 S Lander St/1st Ave S/4th Ave S
TC367040	Sound Transit - University Link	This project will provide design review, permitting, and construction support services for the Sound Transit University Link project.	126 TBD
TC364800	Spokane St. Viaduct	This project will install a temporary median barrier, make seismic improvements, widen the viaduct structure and build a new off-ramp at 4th Ave S.	44,526 S Spokane St/6th Ave S/E Marginal Wy S
TC367030	Terry Avenue North Street Improvements	This project will build sidewalk and street improvements.	900 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.	4,042 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.	6,685 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	2011* 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.	4,100 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.	3,216 SR 99 / Battery St

*\*Amounts in thousands of dollars*

# Seattle Public Utilities

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
C1606	Ballard Locks Improvements	This project will fund the planning, design, and construction of freshwater conservation and smolt passage facilities at the Ballard Locks.	8 NW 54th St /30th Ave NW
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.	115 Ballard
C3313	Best Management Practice Program	This program will provide water quality improvement projects in the Norfolk, South Park, and Densmore drainage basins.	153 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.	1,224 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.	2,020 Various
C3373	Capitol Hill Water Quality Project	The project treats runoff from approximately 200 acres of Capitol Hill.	306 Yale Ave N/Pontius Ave N/Thomas Street
C1307	Cedar Bridges	This project will replace deteriorated bridges in the Cedar River Watershed.	0 Cedar River Watershed
C1605	Cedar Sockeye Hatchery	This project will construct an incubation facility capable of producing 34 million "swim-up" Sockeye fry.	5,669 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.	5,306 Densmore Basin
C1128	Distribution System Improvements	This project will improve the distribution system to meet customer service levels.	816 Citywide

\*Amounts in thousands of dollars

### 2011 - 2016 Adopted Capital Improvement Program



**New or Expanded Capital Facilities**

<b>Proj. ID</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2011* Location</b>
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.	1,836 Citywide
C3807	Inflow/Infiltration Control	This project will add capacity to the existing sanitary sewer collection system by reducing unregulated flows.	510 Various
C3802	Localized Flood Control Program	This program will provide flood control and local drainage and wastewater projects in under-served parts of Seattle to improve system capacity or increase the existing level of service.	2,621 Various
C3604	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	7,726 N/A
C3805	Madison Valley Long Term Solution	The project will provide an estimated additional stormwater storage capacity of 2.8 million gallons.	9,924 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.	370 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.	251 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.	453 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

*\*Amounts in thousands of dollars*

# Seattle Public Utilities

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
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.	278 Citywide
C4105-DWF	Operations Control Center - DWF	This program will improve facilities at the Operations Control Center.	52 2700 Airport Way S
C4105-SWF	Operations Control Center - SWF	This program will improve facilities at the Operations Control Center.	17 2700 Airport Way S
C4105-WF	Operations Control Center - WF	This program will improve facilities at the Operations Control Center.	118 2700 Airport Way S
C3703	Pump Station and Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	1,270 Various
C4107-WF	Regional Facility - WF	This program will improve facilities at SPU's regional sites.	1,961 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.	3,366 Citywide Plus Wholesale
C1411	Reservoir Covering - Maple Leaf	This project will underground Maple Leaf Reservoir to protect drinking water quality.	16,728 NE 86th St/Roosevelt Wy NE
C1410	Reservoir Covering - Myrtle	This project will underground Myrtle Reservoir to protect drinking water quality.	102 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.	510 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.	704 S. Genesee St.

\*Amounts in thousands of dollars

### 2011 - 2016 Adopted Capital Improvement Program

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
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.	2,142 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.	23 Citywide
C4113-SWF	Security Improvements - SWF	This program will provide increased security and protection at SPU facilities.	15 Citywide
C4113-WF	Security Improvements - WF	This program will provide increased security and water quality protection at SPU facilities.	1,441 Citywide
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.	204 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.	8,818 698 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.	23,236 8100 2nd AVE S
C3353	Taylor Creek Culvert Replacement	This project will design and construct fish passage improvements.	0 Taylor Creek at Rainier Ave S

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
C3811	Thornton Confluence Improvement	This project will increase floodplain capacity at the Thornton Creek confluence.	4,375 Thornton Creek
C3343	Thornton Creek Water Quality Channel Project	This project will fund preliminary engineering, design, and construction of a water quality facility.	20 330 NE 100th ST
C3333	Venema Creek Natural Drainage System	This project increases the capacity to convey stormwater flows.	1,489 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.	114 Citywide
C1113	Water Infrastructure - New Taps	This project will install approx. 1,800 new taps per year to domestic, commercial, and fire protection systems.	7,650 Citywide
C1111	Water Infrastructure - Watermain Extensions	This project will install approximately 8,000 feet of new watermains per year.	612 Citywide
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.	3,244 Windermere Basin

## Seattle City Light

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* 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.	37,627 SR 99 / Battery St
9950	Automated Utility Design Implementation	This project replaces electric utility design software.	1,068 System Wide
6987	Boundary - Licensing Mitigation	N/A	520 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.	233 10382 Boundary Rd, Metaline, WA 99153

\*Amounts in thousands of dollars

### 2011 - 2016 Adopted Capital Improvement Program

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
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
6412	Boundary Facility - Improve Radio Systems	This project will increase radio communication capabilities by installing a new simulcast system to prevent the overlap of the existing signals and installing Radiax cable to extend coverage where it is currently not available.	0 10382 Boundary Rd, Metaline, WA 99153
6407	Boundary Facility - Mucking Tunnel Drip Shields	This project will install drip shields and and/or awnings to control water drips and provide dry storage at the Boundary Facility.	0 10382 Boundary Rd, Metaline, WA 99153
6493	Boundary Switchyard - Generator Step-up Transformers	This project will purchase a spare step-up transformer.	2,656 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.	2,305 319 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.	3,677 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.	551 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.	1,316 19901 Cedar Falls Rd SE, North Bend, WA 98045
6331	Cedar Falls Powerhouse - DC Station Service Upgrade	This project provides redundant electrical services and backup power to plant systems, preventing generation outages and down ramping events that could destroy fish nesting areas.	0 19901 Cedar Falls Rd SE, North Bend, WA 98045

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
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.	121 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.	444 System Wide
8430	Creston-Nelson to Intergate East Feeder Installation	This project will install a new feeder.	928 Tukwila
8433	Cruise Ship Service Connections	This project will install electrical service connections to the docks which support cruise ships moored in Elliott Bay.	0 Elliot Bay
6474	Diablo Facility - Helicopter Pad	This project will provide continued helicopter access to the Diablo and Ross facilities by developing a helicopter pad.	0 Milepost 126 State Highway 20
6481	Diablo Facility - Storage Building	This project will construct a new storage/work building.	150 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
6304	Diablo Water System Improvements	This project replaces an existing well. It will increase supply, improve reliability, and improve the quality of the water supply.	0 Milepost 126 State Highway 20
9307	Distribution Area Communications Networks	This project will provide fiber rings to Seattle-area facilities to create a secure digital communications network.	1,760 Citywide
9225	Emergency Command and Control Center	This project creates a dedicated Emergency Command and Control Center at the North Service Center.	504 1300 N 97th ST
9936	Energy Trading and Risk Management (ETRM) System	This project acquires and installs Energy Trading and Risk Management software.	0 System Wide
8442	First Hill Connector Streetcar	This project provides for utility relocations to facilitate construction of the First Hill Connector streetcar project.	2,135 Broadway / Boren / Jackson / King

\*Amounts in thousands of dollars

**New or Expanded Capital Facilities**

<b>Proj. ID</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2011* Location</b>
6470	Generation Federal Reliability Standards Improvements	This ongoing project will provide compliance with emergent standards mandated by regulatory agencies for power production regional reliability.	661 500 Newhalem Creek Rd, Marblemount, WA 98267
6302	Gorge Facility - Second Tunnel Installation	This project will design and construct a second water tunnel at the Gorge Facility, resulting in an additional annual production of up to 50,000 MWH's.	1,382 Milepost 121 State Highway 20
6326	Gorge Powerhouse - Fire Protection Improvements	This project will install a water based fire-suppression system increasing the fire suppression capability.	0 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.	3,080 System Wide
9940	Lifecycle 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.	202 700 5th Avenue
8202	Massachusetts Street Substation - Networks	This project will install new vaults and conduits in the Massachusetts Street Substation service area.	7,693 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.	8,904 System Wide
8376	Mercer Corridor Relocations	This project will convert existing overhead power distribution systems to underground and relocate existing transmission lines underground.	1,436 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.	1,749 Mercer/Broad/Aurora

*\*Amounts in thousands of dollars*

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
8054	Meter Additions	This project will install new meters and upgrade existing meters annually.	4,755 System Wide
9953	Meter Reading Software Replacement	This project upgrades the utility's meter reading software.	607 System Wide
8429	Mobile Workforce Implementation	This project will provide mobile communication and computing equipment for Seattle City Light workers to use in the field.	0 Citywide
8383	Neighborhood Voluntary Undergrounding Program	This project will provide City Light resources to serve potential Voluntary Undergrounding Program customers.	135 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.	3,667 319 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.	4,306 1555 Utah AV S
9943	Network Geographic Information Systems	N/A	772 System Wide
8129	Network Hazeltine Upgrade	This project will install upgraded equipment in the existing network transformer monitoring system.	473 System Wide
6424	Newhalem - Shop Facilities and Equipment Improvements	This project remodels the Newhalem garages, expands the machine shop into existing tire shop, extends the entire shops building to relocate the tire shop, constructs an overhead crane for the machine shop and modifies the crane in the steel shop.	0 500 Newhalem Creek Rd, Marblemount, WA 98267
7757	North Downtown Substation Development	This project will provide property acquisition and site remediation for a future 220 MVA substation in North Downtown.	0 System Wide

*\*Amounts in thousands of dollars*



## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
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.	3,505 System Wide
8356	Overhead System Capacity Additions	This project builds new and replaces old line segments, replaces rotten and damaged poles in the distribution system. City Light customers pay for some of this work.	2,241 System Wide
8452	Pole Attachment Requests Preparation Work	This project supports requests from other utilities and communication companies to utilize SCL poles.	1,357 System Wide
7755	Power Stations Demand Driven Improvements	This project will fund upgrades to substations equipment that are funded by external agencies.	6 System Wide
6166	Ross Powerhouse - Fire Protection Systems Modification	This project will install a water spray generator fire suppression system increasing and improving the fire suppression system.	0 Milepost 128 State Highway 20
6456	Ross Powerhouse - Storage Building	This project will design and erect a 1,500 square foot heated and ventilated storage building at Ross Powerhouse, enabling storage of critical equipment and spare parts near the powerhouse and freeing up work space in the powerhouse.	0 Milepost 128 State Highway 20
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
8454	SeaTac Future Undergrounding	This project supports future undergrounding projects at the request of the City of SeaTac	0 SeaTac

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
8444	SeaTac Undergrounding	This project undergrounds utilities in SeaTac along S. 154th Street between 24th Avenue South & 32nd Ave South.	489 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.	809 System Wide
8453	Shoreline Future Undergrounding	This project supports future undergrounding projects at the request of the City of Shoreline.	0 Shoreline
8320	Shoreline Undergrounding: North City and Aurora Avenue North	This project will address Phases Two and Three of work to convert overhead distribution circuits to underground along Aurora Avenue in the City of Shoreline (Shoreline).	5,050 2136 N 163rd St, Shoreline
6385	Skagit Facility - 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.	934 500 Newhalem Creek Rd, Marblemount, WA 98267
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
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.	76 500 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.	6,715 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.	1,800 System Wide

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
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	96 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	224 University District / Roosevelt / Northgate
9215	South Service Center Spokane Exit Modification	N/A	905 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.	1,070 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
8435	State Route 520 Bridge Replacement	This project will relocate electrical infrastructure to support replacement of the State Route 520 Bridge.	0 SR 520 / Lake Washington
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.	1,205 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
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.	1,020 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.	2,227 System Wide

\*Amounts in thousands of dollars

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
8360	Underground Customer Driven Capacity Additions	This project builds new underground lines, replacing old underground lines and replaces damaged poles in the distribution system with underground facilities beneath them. This work is driven by specific customer projects who will reimburse City Light.	2,705 System Wide
8201	Union Street Substation Networks	This project will install new vaults and conduits in the Union Street Substation service area.	1,683 1312 Western AV
8375	University to North & Canal Load Transfer	This project transfers 40 Megavolt amperes (MVA) from the University Substation to the Canal and North substations and involves the construction or upgrade of several miles of mainstream feeder lines and the installation of switches to transfer the load.	702 409 NE Pacific St
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.	7,043 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.	6,536 700 5th Avenue

### Finance and Administrative Services

#### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
A1GM501	Civic Square	The Civic Square will extend the accessible public space of the municipal civic center in a manner consistent with the Civic Center Master Plan.	0 600 3rd Ave
A1FL106	Fire Station 06	This project replaces the existing Fire Station 6 with a new 13,000 square foot facility, adding approximately 8,000 square feet.	3,500 2615 S Jackson St

*\*Amounts in thousands of dollars*

## Finance and Administrative Services

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
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.	5,000 3224 4th Ave S
A1FL117	Fire Station 17	This project renovates the existing Fire Station 17, adding approximately 5,000 square feet, and provides a new lead fire station for the northeast sector of Seattle, including moving the battalion chief's office.	0 1050 NE 50th St
A1FL120	Fire Station 20	This project replaces the existing Fire Station 20 with a new 8,400 square foot facility, adding approximately 5,500 square feet.	0 2800 15th AVE W
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.	200 3715 SW Alaska St
A1FL135	Fire Station 35	This project replaces the existing Fire Station 35 with a new 11,000 square foot facility, adding approximately 1,700 square feet.	0 8729 15th Ave NW

*\*Amounts in thousands of dollars*

**2011 - 2016 Adopted Capital Improvement Program**

## Finance and Administrative Services

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* Location
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
A1FL139	Fire Station 39	This project replaces the existing Fire Station 39 with a new 12,000 square foot facility, adding approximately 9,000 square feet.	0 12705 30th Ave NE
A1FL151	Fire Station Emergency Generators	This project ensures uninterrupted fire department operations when the power fails.	0 Multiple Fire Station locations

### Seattle Center

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2011* 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*

**1% for Art:** A program administered by the Office of Arts and Cultural Affairs that sets aside one percent of City capital improvement project funds for the commission, purchase, and installation of artworks.

**2000 Parks Levy (“Neighborhood Parks, Green Spaces, Trails, and Zoo Levy”):** A \$198.2 million, eight-year levy lid lift passed by Seattle voters in November 2000. The levy is designed to fund more than 100 park, open space, and recreation projects throughout the city.

**2008 Parks Levy (“Parks and Green Spaces Levy”):** A \$145.5 million, six-year levy lid lift passed by Seattle voters in November 2008. The levy is designed to fund park and green space acquisition, capital expansion and renovation of parks, and park facilities throughout the city.

**Americans with Disabilities Act (ADA):** A comprehensive civil rights law for people with disabilities, passed by the federal government in 1990.

**Allocation:** The expenditure amount planned for a particular project or service that requires additional legislative action or “appropriation” before expenditures are authorized.

**Appropriation:** A legal authorization granted by the City’s legislative authority (the City Council) to make expenditures and incur obligations for specific purposes.

**Asset Preservation (also known as Major Maintenance):** Capital improvement projects that involve major repairs or rehabilitation of existing City facilities.

**Bridging the Gap (BTG):** A nine-year transportation funding initiative to repair and improve Seattle's streets, bike trails, sidewalks, and bridges. The program raises approximately \$545 million between 2007-2015 from a commercial parking tax, an employee hours tax, and a \$365 million 9-year levy lid lift approved by voters in November 2006 for transportation maintenance and improvement. The employee hours tax was repealed at the beginning of 2010.

**Capital Improvement Program (CIP):** Annual appropriations from specific funding sources are shown in the City’s budget for certain capital purposes such as street improvements, building construction, and some types of facility maintenance. The CIP is a six-year allocation plan, presented as a document separate from the Budget, that details all projects, fund sources, and expenditure amounts, including many multi-year projects that require funding beyond the one-year period of the annual Budget.

**Capital Projects Funds:** Funds with resources set aside to acquire or construct major capital facilities that allow the monitoring of revenues and expenditures of authorized voter approved, and Councilmanic, bonds and levies.

**Community Development Block Grant (CDBG):** A U.S. Department of Housing and Urban Development annual grant to Seattle and other local governments to support economic development projects, low-income housing, and services in low-income neighborhoods.

**Comprehensive Drainage Plan:** A Citywide drainage management program for capital improvements and ongoing maintenance. It establishes a monitoring program and identifies measures to control flooding and pollution such as regulatory controls and public education.

**Cumulative Reserve Subfund (CRS):** A significant source of ongoing local funding to support capital projects in general government departments. The CRS consists of two accounts: the Capital Projects Account and the Revenue Stabilization Account. The Capital Projects Account has six subaccounts: REET I, REET II,

### 2011-2016 Adopted Capital Improvement Program

Unrestricted, South Lake Union Property Proceeds, Street Vacation, and Asset Preservation. The Real Estate Excise Tax (REET) is levied on all sales of real estate with the first .25% of the locally imposed tax going to REET I and the second .25% for REET II.

**Design Build Operate (DBO):** A non-conventional approach to implementation of major capital projects wherein a single vendor is responsible for design, construction, and long-term operation of a facility.

**Debt Service:** Annual principal and interest payments that local government owes on money that it has borrowed.

**Endangered Species Act (ESA):** Legislation passed by the federal government in 1973 to conserve the ecosystems upon which endangered species depend upon, and to conserve and recover listed species.

**Fire Facilities and Emergency Response Levy:** A \$167 million, eight-year levy lid lift, approved by voters on November 4, 2003. The Levy includes funds for more than 40 projects to upgrade, renovate, or replace most of the City's fire stations; construct new support facilities for the Fire Department; construct a new Emergency Operations Center and Fire Alarm Center; and procure two new fireboats and rehabilitate an existing one.

**Fund Balance:** The difference between the assets and liabilities of a particular fund. This incorporates the difference between the revenues and expenditures each year.

**General Subfund (also known as General Fund):** A central fund into which most of the City's general tax revenues and discretionary resources are pooled, which is allocated to support many of the operations of City government. General Subfund dollars appear in the CIP in two places: the General Subfund contribution to the Cumulative Reserve Subfund (if any), and appropriations to capital projects from a department's operating budget.

**Geographic Information System (GIS):** A tool that enables users to analyze and understand the spatial relationships among things that exist and occur in a given location. The results of geographic analysis can be communicated with maps, reports, or both.

**Growth Management Act (GMA):** Passed by the legislature in 1990, the Growth Management Act encourages strategic land use planning and provides protection for environmentally sensitive areas.

**Habitat Conservation Plan (HCP):** A 50-year commitment by the City and its Seattle Public Utilities to protect and restore the Cedar River Watershed.

**Leadership in Energy and Environmental Design (LEED):** A green building rating system for new and existing commercial, institutional, and multi-family residential buildings that evaluates environmental performance from a "whole building" perspective. There are four rating levels: Bronze, Silver, Gold, and Platinum.

**Levy Lid Lift:** An increase in regular property taxes for a general or designated purpose. (See 2008 Parks Levy and Bridging the Gap for examples)

**Limited Tax General Obligation ("LTGO," or "Councilmanic") Bonds:** Bonds that are issued by the City Council without voter approval. The debt service on these bonds is typically repaid from existing general government revenues or from revenues generated by the project(s) financed with the bonds.



**Major Maintenance:** See “Asset Preservation” above.

**Municipal Art Plan:** A plan prepared by the Office of Arts and Cultural Affairs that establishes budgets for new 1% for Art program projects and describes the status of existing projects.

**Neighborhood Matching Subfund (NMF):** A fund administered by the Department of Neighborhoods to provide money to Seattle neighborhood groups and organizations for neighborhood-initiated improvement, organizing, or planning projects. The community’s contribution of volunteer labor, materials, professional services or cash is “matched” by cash from the fund.

**Operating Budget:** That portion of a budget that deals with recurring expenditures such as salaries, electric bills, postage, printing, paper supplies, and gasoline.

**Public Works Trust Fund:** A low-interest state revolving loan fund designed to help local governments with the repair, replacement, and rehabilitation of public works infrastructure.

**REET I and REET II:** The Real Estate Excise Tax (REET) is levied on all sales of real estate with the first .25% of the locally imposed tax going to REET I and the second .25% for REET II.

**Unlimited Tax General Obligation (“UTGO” or “voted”) Bonds:** Bonds issued after receiving approval by 60% of the voters in an election with at least a 40% turn-out. The debt service on these bonds is repaid from additional (“excess”) property tax revenues that voters approve as part of the bond measure.

