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CITY OF  
*Seattle, Washington*

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**2006-2011 Proposed  
Capital Improvement Program**



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**CITY OF SEATTLE  
2006-2011 PROPOSED  
CAPITAL IMPROVEMENT PROGRAM**

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Lisa Peyer, Executive Assistant

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Thomas Dunlap  
Barbara Gangwer  
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Aimee Strasko

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JoEllen Kuwamoto  
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Rajan Varadarajan

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Karl Stickel  
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Katherine-Schubert Knapp  
Kathy Sugiyama  
Michael van Dyck

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Eve Sternberg  
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Jennifer Devore  
Tyler Running Deer  
Eve Sternberg  
Karl Stickel  
Cheryl Swab

**Community Development and  
Human Services Team**

Sara Levin, Assistant Director  
Kristi Beattie  
Janet Credo  
Jill Simmons  
Cheryl Swab

Janet Krogh  
Janice Pratt  
Linda Wokal



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## Reader's Guide to the 2006-2011 Proposed Capital Improvement Program

The City of Seattle's 2006-2011 Proposed Capital Improvement Program (CIP) includes an introduction, departmental sections, appendix, an index, and a glossary. The introduction provides information on the CIP, allocations, significant new initiatives and ongoing programs, funding sources for capital projects, and policies guiding the City's capital investments.

Departmental sections comprise the majority of the document and contain detailed information on nearly 800 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 Fleets & Facilities. The Appendix is comprised of a listing of new or expanded capital facilities as required by the Growth Management Act. An index provides an alphabetical listing of all projects and related page numbers for easy reference, and the glossary defines terms and abbreviations used throughout the document.

### 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):** Grouping of similar projects into department-specific programs. Also reflects the level at which expenditures are controlled to meet State Budget Law provisions.

**Type:** Projects are identified as New Facilities, Improvements to Existing Facilities, 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.

**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/end date show "TBD". Some projects may be shown as "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 on line at <http://www.cityofseattle.net/neighborhoods/np/>.

**Neighborhood Plan Matrix ID:** If a project is identified as being in 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 areas 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 2004, the 2005 revised budget (including 2005 adopted budget, carryforward balances, and supplemental appropriations and abandonments), proposed 2006

## Reader's Guide

appropriations, and estimated appropriation requests for 2007-2011. "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 Proposed 2006 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 (formerly known as "cash flow") is shown when spending differs from appropriation or allocation. This is displayed for a limited number of projects in this document.

## Overview

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The City of Seattle's Capital Improvement Program (CIP) 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 construction of new libraries, street repairs, park restoration, and work on electrical substations. The CIP covers a six-year planning horizon (this document covers 2006-2011), and is updated each year to reflect ongoing changes and additions. The CIP document, prepared by the Department of Finance 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 six-year 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 2006-2011 Proposed Capital Improvement Program can be found on the City of Seattle website at: <http://www.seattle.gov/financedepartment/06proposedcip/default.htm>.

## Citywide Summary

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The 2006-2011 Proposed CIP highlights the City of Seattle's recent emphasis on building new facilities as well as its long-standing efforts to maintain or improve existing infrastructure. Many of the projects in the 2006-2011 Proposed CIP are civic, cultural or public safety facilities funded by voter-approved levies (the "1999 Seattle Center and Community Centers" Levy, the "Neighborhood Parks, Green Spaces, Trails and Zoo" Levy, and the "Fire Facilities and Emergency Response" Levy) and bonds ("Libraries for All"). Utility-funded projects in the Seattle City Light and Seattle Public Utilities (SPU) CIPs improve or maintain the utility infrastructure that serves Seattle residents. Projects in the Seattle Department of Transportation (SDOT) CIP are funded by multiple fund sources – local, state, and federal – and focus on streets, bridges and other elements of the City's transportation infrastructure. Finally, the CIP also projects the financial impact on City departments of major transportation projects including Sound Transit Light Rail and the Alaskan Way Viaduct. Key projects are more fully described later in this overview, and details on funding and schedule can be found in the individual department sections.

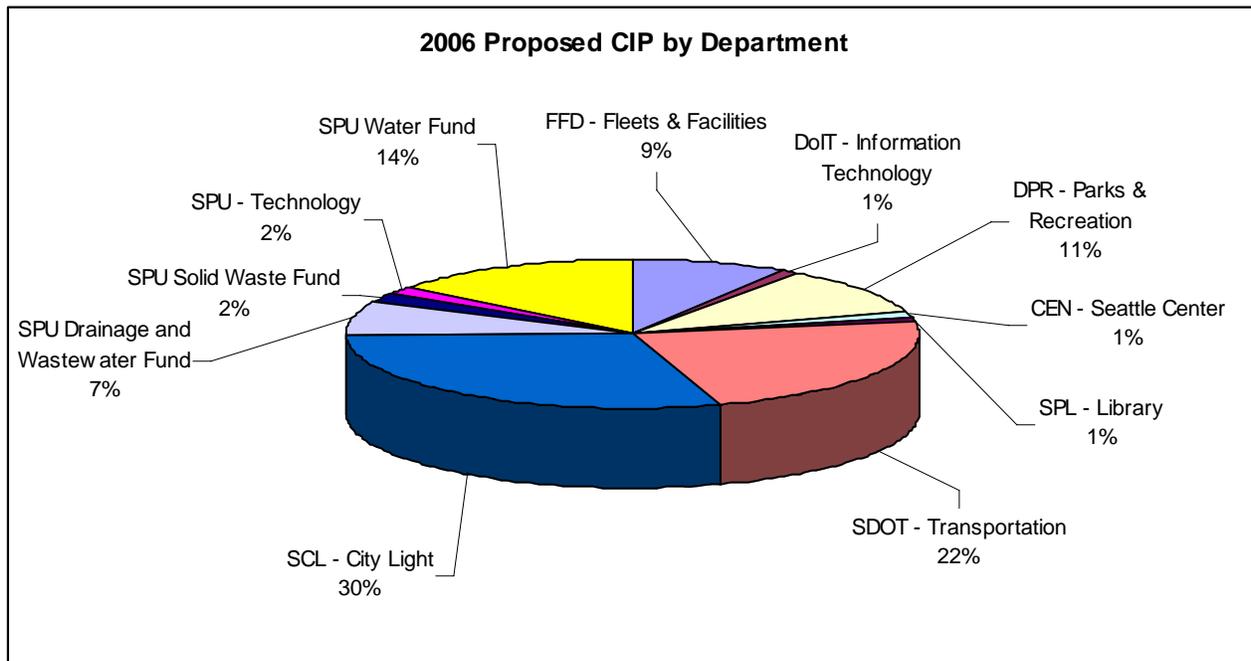
The 2006-2011 Proposed CIP totals more than \$3 billion for six years and includes 799 individual projects. Nearly \$2 billion or 64% of this amount is allocated to utility projects that are funded and managed by City Light and SPU. About \$764 million or 25% is allocated to SDOT over the six-year period. The remaining departments (Parks and Recreation, Fleets & Facilities, Seattle Center, Seattle Public Library, and Department of Information Technology) account for approximately \$338 million or 11%. The table on the next page shows the 2006-2011 allocations by department and the accompanying pie chart provides this information for 2006 only.

## 2006-2011 Proposed CIP<sup>1</sup> by Department<sup>2</sup> (in thousands)

Department	2005 Adopted	2005 Revised	2006 Endorsed	2006 Proposed	2007-2011 CIP	2006-2011 Total
Fleets and Facilities	20,640	116,379	29,293	45,974	86,473	132,447
Information Technology	4,400	18,813	4,000	4,762	25,730	30,492
Parks and Recreation	67,160	109,229	44,572	54,652	65,662	120,314
Seattle Center	2,842	15,182	3,633	7,524	41,036	48,560
Seattle Public Library	6,839	34,996	3,560	4,461	1,293	5,754
Seattle Transportation	73,687	123,287	87,528	115,877	647,710	763,587
<b>Subtotal</b>	<b>175,568</b>	<b>417,886</b>	<b>172,586</b>	<b>233,250</b>	<b>867,904</b>	<b>1,101,154</b>
<b>City-owned Utilities</b>						
Seattle City Light	161,670	169,357	164,171	153,661	821,927	975,588
SPU - Drainage & Wastewater	42,743	50,508	40,495	38,469	255,673	294,142
SPU - Solid Waste	10,976	8,633	11,237	11,568	141,098	152,666
SPU - Technology Projects	9,175	9,760	7,323	8,932	41,962	50,894
SPU - Water	79,135	81,395	76,746	72,790	379,574	452,364
<b>Subtotal</b>	<b>303,699</b>	<b>319,653</b>	<b>299,972</b>	<b>285,420</b>	<b>1,640,234</b>	<b>1,925,654</b>
<b>City Total</b>	<b>479,268</b>	<b>737,539</b>	<b>472,558</b>	<b>518,670</b>	<b>2,508,138</b>	<b>3,026,808</b>

<sup>1</sup> Note that not all funds above are appropriated; see the 2006 Proposed Budget for a list of anticipated capital appropriations by department.

<sup>2</sup> The 2006-2011 Proposed CIP does not include a separate section for the Office of Arts and Cultural Affairs. Capital funds for this department are discussed later in this introduction.



## Significant Initiatives in the 2006-2011 Proposed CIP

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The following section describes significant capital investments or initiatives in the 2006-2011 Proposed CIP. The City's most recent CIPs focused on a number of new civic, cultural, and public safety facility projects, mainly associated with voter-approved ballot measures in the last seven years. These projects are, for the most part, well underway or completed (see Significant Projects and Programs Underway). The 2006-2011 Proposed CIP also continues several initiatives to invest in Seattle's aquatic environment and downtown parks as well as a new funding mechanism to preserve existing assets. In addition to these areas of focus, City investment in three community-based facilities is highlighted below.

### Restore Our Waters Strategy

In 2005, City departments began making a concerted effort to improve and enhance the aquatic environment of Seattle through the Mayor's Restore Our Waters Strategy. This strategy establishes Citywide goals for protecting, restoring and enhancing the city's aquatic environment. It requires City departments to get the most benefit out of publicly-funded projects by coordinating work and using sound scientific information to make the smartest and best investments. Examples of projects the City is undertaking in 2006 include:

- Sand Point Magnuson Park Shoreline Renovation, which repairs the bulkhead and regrades the shoreline, providing a safer habitat for small fish (see Parks CIP project K732277);
- Aquatic Habitat Matching Grant Project (see SPU Drainage & Wastewater CIP project C353301); and
- Fish Passage Program, which removes fish passage barriers located in Pipers Creek and Taylor Creek, allowing returning salmon to access many more miles of stream (see SPU Drainage & Wastewater CIP project C353305).

### Transforming Downtown Parks

Greater downtown Seattle is home to 24 parks ranging in size from the 0.1-acre Washington Street Boat Landing to the five-acre Freeway Park. The City's downtown parks currently suffer from a variety of challenges including poor landscaping design, lack of programmed activities, poor or non-existent connections to surrounding retail commerce, homelessness, drug use/sales and loitering, safety and lighting concerns, code restrictions and inadequate public resources. Three projects in the Parks CIP address some of these issues at downtown parks: improvements at Occidental Park (Pioneer Square – Area Park Improvements), Freeway Park (Freeway Park Renovation), and City Hall Park (City Hall Park Restoration). Improvements will be planned and implemented with consideration for potential impacts on other nearby facilities. The Mayor has issued a Tree Replacement Executive Order, wherein any tree removed by City departments will be replaced by two new trees in order to increase the City's tree canopy. This policy is being applied to trees being removed from Occidental and Freeway Parks for safety and general redesign. Funds are included in the Parks budget in 2006 for tree replacement and Freeway Park.

### Maintaining the City's Infrastructure

**Waterfront Piers:** The City owns four saltwater piers on the Puget Sound Waterfront that are in varying stages of deterioration. In conjunction with necessary repairs and inspections, the Executive is planning to coordinate planning for the City's properties on the waterfront with planning for the Alaskan Way Viaduct and Seawall reconstruction. Four projects are included in the Parks CIP, including replacing the entire piling systems for two piers - Pier 59 and Pier 62/63. The project at Pier 59, where the Seattle Aquarium is located (Aquarium – Pier 59 Piling Replacement), began construction in 2005; and the project at Pier 62/63, the former location of the "Summer Nights on the Pier" concert series, is scheduled for construction in 2007 (Pier 62/63 – Piling Replacement), if a decision is made to proceed with this project once planning is complete in 2006. The condition of the Pier 60 pilings will be studied in conjunction with the Pier 59 construction project; while Pier 58, the current site of Waterfront Park, will undergo a required inspection in 2006 (Pier 58 Piling Corrosion inspection).

**Asset Preservation – Fleets and Facilities:** In 2005, Fleets and Facilities began the implementation of a new Asset Preservation Program. This program provides funding principally from space rent to enhance the City's efforts to preserve general government assets. For 2006, \$2.9 million is appropriated for asset preservation projects. Planned

work ranges from the replacement of floor slabs and drainage at the Charles Street Maintenance Facility to the renovation of elevators at Seattle Municipal Tower.

### **Investments in Community-Based Facilities**

The 2006-2011 Proposed CIP includes support for three key community-based social service and cultural facilities. The City is committing \$1 million (\$381,000 of federal Community Development Block Grant funds were committed in 2005 and \$619,000 of Cumulative Reserve Subfund (CRF) – Unrestricted funds are proposed for 2006) towards construction of a new facility for the Asian Counseling and Referral Service in the Rainier Valley. The City is also committing \$1 million of CRF – Unrestricted in 2006 for an African American Heritage Museum located at the former Colman School. The Urban League’s project includes the museum, retail space, and housing. Finally, \$1 million is committed in 2006 to the Wing Luke Museum for redevelopment of a building in the International District into a new home for the Wing Luke Asian Museum. These projects can be found in the Fleets & Facilities CIP. Before releasing funds for these projects, the City will negotiate public benefits agreements with all three of the nonprofit entities.

## Significant Projects or Programs Underway

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The projects and programs highlighted below are not new to the CIP, but reflect three types of investments underway: new and improved cultural and public safety facilities approved by the voters in the last six years; capital investments in public safety; and ongoing major transportation projects. Three voter-approved measures acquire, redevelop, and enhance parks, green spaces, and trails throughout the City; redevelop facilities at Seattle Center (completed) and nine community centers and two neighborhood service centers citywide; and expand, renovate, or build new libraries throughout the city. Public safety capital investments upgrade the City's fire stations and build a new emergency operations center, and bury or cover reservoirs, creating additional open space while protecting public health. Several projects have required additional funds to fulfill commitments to voters as the bid climate became less favorable in the last two years or to respond to newly identified opportunities.

### Fulfilling Commitments to Voters

**2003 Fire Facilities & Emergency Response Levy:** The 2006-2011 Proposed CIP includes a number of projects included in the Fire Facilities and Emergency Response levy lid lift, approved by voters in November 2003. As passed, the levy lid lift will make about \$167 million in levy proceeds available to: (i) upgrade, renovate, or replace 32 neighborhood fire stations; (ii) construct a new training facility and upgrade the Department's Fire Alarm Center; (iii) establish emergency preparedness facilities and disaster response equipment that includes a modern, seismically safe Emergency Operations Center, emergency community supplies, emergency shelter power generators, and emergency water supply capacity for fire fighting in the event the City's fire hydrants are disabled; and (iv) provide a new, large platform fire boat, a rehabilitated and enhanced Chief Seattle fireboat, and a new fast attack fire boat. Funds have been added or reprogrammed in this CIP for the Fire Station 10 project to support structural work, measures to ensure that the facility meets LEED Silver status, and unanticipated inflation costs. See the Fleets & Facilities CIP for more detailed information on these Levy projects.

**2000 Parks Levy Projects:** In November 2000, Seattle voters approved a \$198.2 million eight-year levy lid lift for parks and recreation purposes. The levy funds more than 100 projects to improve maintenance and enhance programming of existing parks, including the Woodland Park Zoo. With levy funds, the City will acquire, develop and maintain new neighborhood parks, major parks, green spaces, playfields, trails and boulevards, and will add out-of-school and senior activities. The levy also funds an acquisition and development "opportunity fund." The 2006-2011 Proposed CIP includes more than \$51 million for more than 65 Parks Levy projects. Recently-completed projects include Cascade Playground, Homer Harris Park, Cal Anderson Park (Lincoln Reservoir), Lake City Mini Park, Southwest Community Center Computer Lab and Southwest Community Center Teen Center. In May 2005, the Levy Oversight Committee voted to award \$3.9 million from the Levy Opportunity Fund, including: \$2.6 million from the Opportunity Fund to 15 development projects; \$658,000 for two locations for acquisition; and \$600,000 to develop or supplement acquisition funding for properties that were identified earlier in an Urban Centers project during the first cycle of the Opportunity Fund.

**1999 Seattle Center and Community Centers Levy :** This \$72 million levy lid lift, adopted by voters in 1999, provided \$36 million for two major projects on the Seattle Center campus (the Fisher Pavilion and Marion Oliver McCaw Hall - both completed). The remaining \$36 million is funding nine new or renovated community centers throughout the city. Work on all nine of these projects is well underway or completed. Six of the nine Community Center Levy projects have been completed, including Sand Point, Yesler, Jefferson Park, International District/Chinatown, High Point and Southwest Community Centers. The Van Asselt Community Center is in the design phase, and is expected to begin construction in late 2005. The construction contract for the new Northgate Community Center and Park has been awarded and construction on this project is expected to be completed in 2006. Funds have been added or re-programmed in this CIP to cover bids that exceeded the project budget for the Northgate Community Center. The Belltown Neighborhood Center project is currently on hold while Parks works with the community to consider other possible locations.

**"Libraries for All" Plan:** This program, adopted by voters in 1998, builds a new Central Library on the site of the old Central Library; three new branch libraries - Delridge, International District/Chinatown and Northgate - in neighborhoods not previously served by branches; and replaces, expands, renovates, or relocates each of the other

23 branch libraries in the system as of 1998. To date, 16 "Libraries for All" projects have been completed, including the new Central Library, which opened in May 2004. The Lake City Library/Neighborhood Service Center opened in 2005. In 2006, the Douglass-Truth, Northgate, and South Park branches are scheduled to open. The 2006-2011 Proposed CIP allocates \$1 million in 2006 from voter-approved bonds, \$2.5 million from the Cumulative Reserve Subfund, and \$1 million from private donations.

### **Capital Investments in Public Safety**

**UASI Grants:** The City of Seattle has been awarded four grants under the federal Urban Areas Security Initiative (UASI), a funding source that provides local governments with resources to prevent and respond to acts of terrorism. The CIP projects provide security features to critical infrastructure, improve communication among first responders and among regional emergency management officials, and build marine vessels for first responders. No projects are funded to construct or renovate facilities.

**Reservoir Coverings:** Seattle's water system includes six open reservoirs storing treated drinking water. These reservoirs, built between 1901 and 1947 and managed by Seattle Public Utilities, range in size from 7 to 68 million gallons and represent a large portion of the system's in-city storage capacity. The reservoir sites also provide open space areas in the city often serving as neighborhood focal points and/or abutting recreational areas. To comply with water quality regulations and enhance security, the City plans to cover or decommission all of its drinking water reservoirs over the next decade. Approximately \$90 million is included in the 2006-2011 Proposed CIP for reservoir covering and undergrounding projects. Four open reservoirs have already been covered: Magnolia Reservoir in 1995, Bitter Lake Reservoir in 2001, Lake Forest Park Reservoir in 2002, and Lincoln Reservoir in 2005. Of the remaining six open reservoirs, SPU will begin construction at the Beacon Reservoirs in 2006, and is starting design work for the replacement of the Myrtle, West Seattle, and Maple Leaf reservoirs. SPU also plans to decommission the Roosevelt Reservoir, and is evaluating whether to underground or decommission the Volunteer Reservoir. The Department of Parks and Recreation has developed a park over the Lincoln Reservoir and will be developing parks over the Beacon and Myrtle reservoirs. The CIP reflects the revised schedule for reservoir undergrounding adopted by Ordinance 121447. See the Seattle Public Utilities - Water Fund CIP for more detailed project information.

### **Ongoing Major Transportation Projects**

A number of major transportation projects, including Sound Transit Light Rail and Alaskan Way Viaduct/Seawall projects, will have a great impact on the region's transportation infrastructure. In the 2006-2011 Proposed CIP these projects are reflected in several departments, including the Seattle Department of Transportation (SDOT), Seattle Public Utilities, and Seattle City Light capital programs. (At the time of the 2006 Proposed Budget, the status of the Monorail Project is uncertain.)

Washington cities, including Seattle, face a growing crisis in transportation funding. Court decisions and ballot initiatives have eliminated dedicated sources of local transportation funding and State gas tax allocations to cities have not kept up with inflation. The Mayor and City Council organized a Citizen's Transportation Advisory Committee to study this issue and their May 2004 report calls on the Legislature to create new transportation funding sources. In the 2005 session, the Legislature did enact an increase in the gas tax of 9.5 cents phased in over four years. Initiative 912, on the November 2005 ballot, seeks to repeal this gas tax increase. Gas tax revenues that would be impacted by Initiative 912 have not been included in the 2006-2011 Proposed CIP, pending the outcome of the November election.

Seattle's 2006 Budget and CIP fills the transportation funding gap using windfall proceeds from the Real Estate Excise Tax (REET). Since, 2004 REET revenues have exceeded projections due to the housing market boom and these proceeds are carried forward into 2005 and 2006 to support the SDOT CIP. It is not likely that this approach can be sustained after 2006, and additional revenue sources will be required to prevent further growth in transportation maintenance backlogs and to address major infrastructure projects.

Subsequent sections describe the City's commitments to neighborhood plans and investments in neighborhoods, key policies guiding the City's capital investments, and the funds and funding sources used for capital projects.

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

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The 2006-2011 Adopted CIP contains more than 150 projects, with a total of approximately \$90 million of funding in 2006, in support of neighborhood plans. In 1999, the City Council finished the approval process for 38 neighborhood plans, created by nearly 20,000 citizens. The plans identify actions desired to ensure that the City's neighborhoods continue to thrive and improve as Seattle grows over the next 20 years and 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. Projects that respond to or include elements of neighborhood plan recommendations are indicated by the appropriate neighborhood plan, just above the project description. Each of these projects has been identified with specific Neighborhood Plan Matrix numbers that are now tracked in the CIP database. Funding for these projects comes from voter-approved levies (the 1999 Seattle Center and Community Centers Levy and 2000 Parks Levy) and bonds ("Libraries for All"), the Neighborhood Matching Subfund, the Cumulative Reserve Subfund, utility funds, Community Development Block Grant Funds, and other public and private sources. Two specific programs, the NSF/CRF Neighborhood program and the Neighborhood Matching Subfund, are described in more detail below.

### **2006 NSF/CRF Neighborhood Program**

Beginning in 1999, the City set aside \$1 million per year of the funds from the Cumulative Reserve Subfund (CRF) for major maintenance projects identified in neighborhood plans. These projects are identified and prioritized by the community and selected for funding by the Department of Neighborhoods, SDOT, Parks, and the Department of Finance. The selection process for \$1.2 million of 2006 funding was completed in August 2005, and as a result \$105,000 of CRF was added to the Parks CIP, and \$1.1 million of CRF to the SDOT CIP for the projects listed on the following pages. See also SDOT project TC365770 (NSF/CRF Neighborhood Program) and three projects in the Parks CIP: Westcrest Park Trail System (project K732288), Roxhill Park ADA Comfort Station (project K732289), and Kobe Terrace Landscape Restoration (project K732290) for more detail.

## 2006 NSF-CRF Neighborhood Program

District Council	N'hood Plan	Project Title	Dept.	CRF Amount
Ballard	Crown Hill/Ballard	Sidewalk rehabilitation – Ballard Avenue NW from Vernon Avenue NW to NW Market Street and the west side of 22 <sup>nd</sup> NW from Ballard Avenue to NW Market Street	SDOT	\$55,000
Ballard	Crown Hill/Ballard	Improve shoulder parking and bicycle safety – SW side of Shilshole Avenue NW from Ballard Bridge to 24 <sup>th</sup> Avenue NW	SDOT	\$50,000
<b>Ballard Subtotal</b>				<b>\$105,000</b>
Central	Central Area	Traffic circle – 26 <sup>th</sup> Avenue S and S Judkins	SDOT	\$23,000
Central	Central Area	Traffic circle – 26 <sup>th</sup> Avenue E and E Fir	SDOT	\$13,500
Central	Central Area	Curb bulbs – 31 <sup>st</sup> Avenue S between Jackson and Judkins; three intersections	SDOT	\$44,000
<b>Central Subtotal</b>				<b>\$80,500</b>
Delridge	Westwood & Highland Park	Westcrest Park Trail system renovation	Parks	\$31,650
Delridge	Westwood & Highland Park	Roxhill ADA comfort station improvements	Parks	\$57,000
<b>Delridge Subtotal</b>				<b>\$88,650</b>
Downtown	International District/Chinatown	Kobe Terrace landscape restoration	Parks	\$15,888
Downtown	Belltown	Sidewalk rehabilitation – west side of 1 <sup>st</sup> Avenue, south from Blanchard to the Bell Tower Building	SDOT	\$39,056
Downtown	Belltown	Sidewalk improvements	SDOT	\$39,056
<b>Downtown Subtotal</b>				<b>\$94,000</b>
East	Pike-Pine	Sidewalk repair – 700 block of E Pike Street, (south side); 1100 block of E Pine (north side)	SDOT	\$50,000
East	First Hill	Sidewalk repair – west side of 100 block of Broadway between Spruce Street and Yesler Way; 60 feet along Yesler to include repair of sidewalk by Broadway and Yesler bus stop	SDOT	\$38,000
<b>East Subtotal</b>				<b>\$88,000</b>
Greater Duwamish	Duwamish/George town	Improve sidewalks, planting strip, curbing, and parking at 4 <sup>th</sup> Avenue S from S Michigan Street to Dawson Street	SDOT	\$98,000
<b>Greater Duwamish Subtotal</b>				<b>\$98,000</b>
Lake Union	Wallingford	Improve pedestrian walkway between Eastlake & Yale Avenue on Louisa Street	SDOT	\$3,500
Lake Union	Wallingford	Streetscape/street trees – N 45 <sup>th</sup> Street between Stone Way and 15 <sup>th</sup>	SDOT	\$90,500
<b>Lake Union Subtotal</b>				<b>\$94,000</b>
Magnolia/Queen Anne	Queen Anne	Sidewalk repair – Queen Anne Avenue N between Galer Street and McGraw Street	SDOT	\$34,000
Magnolia/Queen Anne	Queen Anne	Street surface restoration – 3 <sup>rd</sup> Avenue W between W McGraw Street and W Fulton Street	SDOT	\$60,000

## Overview

District Council	N'hood Plan	Project Title	Dept.	CRF Amount
<b>Magnolia/Queen Anne Subtotal</b>				<b>\$94,000</b>
North	North neighborhoods	Sidewalk improvement – NE 130 <sup>th</sup> between Lake City Way and 25 <sup>th</sup> Avenue NE	SDOT	\$33,000
North	North neighborhoods	Sidewalk improvement – NE 120 <sup>th</sup> , east of Lake City Way	SDOT	\$32,000
North	North neighborhoods	Sidewalk repair – west side of 35 <sup>th</sup> Avenue NW between 96 <sup>th</sup> and 97 <sup>th</sup> at the Meadowbrook Community Center	SDOT	\$10,800
<b>North Subtotal</b>				<b>\$75,800</b>
Northeast	University	Sidewalk installation – 30 <sup>th</sup> Avenue NE between NE 55 <sup>th</sup> Street and Blakely	SDOT	\$99,160
<b>Northeast Subtotal</b>				<b>\$99,160</b>
Northwest	Broadview – Bitter Lake – Haller Lake	Traffic circle at N 135 <sup>th</sup> Street between Meridian Avenue N and Ashworth Avenue North	SDOT	\$20,000
Northwest	Green Lake	Curb bulbs – NE 56 <sup>th</sup> and Latona Avenue NE	SDOT	\$44,000
Northwest	Greenwood/Phinney	Sidewalk repair along Greenwood and Phinney	SDOT	\$20,000
Northwest	Greenwood/Phinney	Pedestrian walkways – Greenwood Avenue N to 3 <sup>rd</sup> Avenue NW	SDOT	\$10,000
<b>Northwest Subtotal</b>				<b>\$94,000</b>
Southeast	Rainier Beach	Curbs/traffic calming/landscaping – 5100 block of S Garden Street, 5100 block of S Orchard, 7200 block of Orchard Place S	SDOT	\$66,000
Southeast	Columbia City/Hillman City	Sidewalk improvement – 37 <sup>th</sup> Avenue S from Dawson to Hudson Street	SDOT	\$70,000
<b>Southeast Subtotal</b>				<b>\$136,000</b>
Southwest	Admiral	Sidewalk repair – west side of California Avenue SW from SW Admiral Way to SW College Street	SDOT	\$23,000
Southwest	Admiral	Sidewalk repair – east side of California Avenue SW from SW Admiral to SW College Street	SDOT	\$49,890
<b>Southwest Subtotal</b>				<b>\$72,890</b>
<b>Grand Total</b>				<b>\$1,220,000</b>

### 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 1989 to provide money to Seattle neighborhood groups and organizations for a broad array of neighborhood-initiated improvement, organizing, or planning projects. Many of these projects also support neighborhood plan recommendations. Grants are made for all phases of a capital project (with the exception of property acquisition) ranging in size from a few thousand dollars to \$100,000. NMF awards often add unfunded amenities to City or other-funded projects. All awards leverage other private and public contributions; a requirement of the NMF is that the City contribution is matched with volunteer time or money.

### **Additional Policies Guiding the City's Capital Investments**

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City investments in capital projects are guided by a set of important policies reflecting the City of Seattle'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 comprehensive plan; preserves the City's and greater Seattle's historic buildings and supports sustainable building practices; and ensures that all members of the community have access to the economic opportunities capital projects create. Policies also support investment in public art and ensure good design standards in all City projects. The following sections detail these policies, and how they are reflected in the 2006-2011 Proposed CIP.

### **Asset Preservation**

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During 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 major maintenance (now called "asset preservation") investments 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 lags behind industry-recommended levels of investment in asset preservation. The four General Government departments involved in the study (Fleets & Facilities, Library, Parks and Recreation, and Seattle Center) are responsible for a total 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 \$38 million per year in asset preservation. These percentage targets are consistent with those used by other jurisdictions; these jurisdictions were polled as part of this study's review of best practices.

Among the recommendations from the study are: setting the City's asset preservation funding target based on a percentage of the replacement value of all of the assets for which the City has asset preservation responsibility; funding asset preservation investments in part through user fees or internal rates; and actively engaging in property management strategies such as disposal, demolition or retirement of facilities to reduce asset preservation obligations, and developing a comprehensive property management system which includes condition assessments, commissioning of new buildings, and life cycle analysis.

In 2006, the City is spending approximately \$149 million 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, \$34 million funds asset preservation of roads and bridges in 2006. In the 2006-2011 Proposed CIP, the City continues implementing the first recommendation of the Asset Preservation study by funding another set of projects in the Fleets & Facilities Department through Fleets and Facilities fund balance and space rent.

## City of Seattle Comprehensive Plan

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Development of the 2006-2011 Proposed CIP was informed by the City of Seattle's Comprehensive Plan, which had its required 10-year update in 2004. The Mayor directed that departments take 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 was intended to make sure that areas receiving growth have the appropriate physical infrastructure to accommodate such growth. There are many examples of such projects in the 2006-2011 Proposed CIP. See below for detail on projects in two urban areas – Northgate and South Lake Union.

The Adopted CIP for Seattle Public Utilities has many examples of projects and programs linked to implementation of the City's Comprehensive Plan. One major effort is implementation of the Comprehensive Drainage Plan that was submitted to the City Council adopted in January 2005. Many of the strategies in the Drainage Plan, such as improving stormwater runoff in the right-of-way around critical facilities such as fire stations and hospitals, are focused on areas receiving growth. The SPU CIP also includes funding for projects that achieve both drainage and transportation benefits.

The SDOT CIP focuses much of its funding on major urban growth areas. For example, funding is provided for the Fremont Bridge Approaches Project and the related Bridge Way North and Fremont Circulation project. These projects are critical to traffic flow in Fremont and surrounding neighborhoods.

Of course, not all CIP projects are targeted toward growth areas. Much of the City's CIP is focused on major maintenance of existing facilities such as power distribution systems, pipes, community centers, swimming pools, libraries, and streets that are located throughout the city, not just in urban centers. The CIP thus must balance these asset preservation activities with projects designed to support new growth. Within this balance, the 2006-2011 Proposed CIP is designed to align closely with the City's Comprehensive Plan and provide the infrastructure needed to help neighborhoods experiencing substantial growth.

### Northgate

Work is now underway to revitalize Seattle's Northgate area. In addition to the redevelopment of the privately-owned Northgate Mall, enhancements include a mixed-use development, a senior housing project, and a Civic Center, which will have a public park, community center, and branch library. SPU is also building a stormwater channel that will create additional open space and connect the area south of Northgate Mall to Thornton Creek. New projects in the 2006-2011 Proposed CIP include transportation improvements around the south end of Northgate developments and acquisition of 3.74 acres for future park development. The Northgate redevelopment projects can be found in the Parks, Library, and SPU Drainage & Wastewater CIPs, and represent a variety of funding sources, including Drainage & Wastewater revenues, voter-approved funding, federal and county grants, and state funding.

### South Lake Union

The South Lake Union neighborhood is poised for economic and community development. Situated just north of the Central Business District with 340 acres of underdeveloped land, South Lake Union has emerged as the central point of the Puget Sound region's growing biotechnology and life sciences industry. The City projects that 16,000 jobs and 8,000 units of housing will be created in the neighborhood between 2004 and 2020.

To help realize this potential for job creation and housing development, the City enacted new zoning code amendments in 2003 to facilitate the location of research facilities in South Lake Union and adopted policies to stimulate housing development to create a mixed-use, live-work environment. Last year, South Lake Union was designated as an Urban Center.

During the past two years, City staff members have completed three community-based infrastructure assessments – SLU Transportation Study, North Downtown Parks Plan and the Office of Housing's Principles and Action Steps for South Lake Union. These plans have identified infrastructure investments to accommodate the desired growth. Concurrently, Seattle City Light and Seattle Public Utilities have pursued plans to provide the required level of utility service to this neighborhood.

## Overview

The City has created a strategic Capital Improvement Program (CIP) for its infrastructure investments in South Lake Union in order to provide a framework for City actions. This effort should be consistent with the goals established in the City’s Comprehensive Plan for housing, parks and open space, utilities and transportation, and should prioritize investments to support biotechnology industry jobs and to stimulate housing production for a wide range of income levels.

The following table displays those various investments identified to date by the City to accommodate growth in South Lake Union; not all of these projects are fully funded in the 2006-2011 Proposed CIP<sup>1</sup>. The complete funding for some of these projects has not been secured at this time and the City intends to leverage its investments by maximizing federal, regional, state and private funding sources for these projects. Therefore, projects for which funding is not currently available either have “TBD” as a funding source as listed in the CIP project pages, or are not included in this biennium’s CIP.

<b>Department</b>	<b>CIP Projects Included in the 2006-2011 Proposed CIP</b>	<b>Projects Not Funded</b>
Seattle Department of Transportation	<ul style="list-style-type: none"> <li>▪ Mercer Corridor Project</li> <li>▪ South Lake Union Streetcar</li> <li>▪ Bicycle Improvements</li> <li>▪ Pedestrian Improvements</li> </ul>	<ul style="list-style-type: none"> <li>▪ Traffic Flow Improvements</li> <li>▪ Transit Priority Improvements</li> </ul>
Parks	<ul style="list-style-type: none"> <li>▪ South Lake Union Park - Armory Assessment and Roof Repair</li> <li>▪ South Lake Union Park – Development</li> <li>▪ South Lake Union Park – Wharf Development</li> </ul>	
City Light	<ul style="list-style-type: none"> <li>▪ Broad Street Substation Networks</li> <li>▪ South Lake Union - Substation Development</li> <li>▪ South Lake Union Streetcar – City Light</li> </ul>	
Seattle Public Utilities	<ul style="list-style-type: none"> <li>▪ SLU - WM Replacement in Park</li> <li>▪ SLU Combined Sewer Overflow Ph2</li> <li>▪ SLU Combined Sewer Overflow-KC</li> <li>▪ SLU Water Main – Utility Coordination</li> <li>▪ SLU Feasibility Phase 2</li> </ul>	

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<sup>1</sup> The City’s investment in affordable housing production for South Lake Union is not reflected in the tables because affordable housing is not traditionally a CIP item. However, the City recognizes that as market rate housing is developed in South Lake Union, it is the City’s policy goal that affordable housing units are constructed concurrently to produce a neighborhood with a variety of housing options.

## Historic Preservation and Sustainability

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### Historic Preservation

Seattle's commitment to historic preservation began with citizen efforts in the 1960s to block the demolition of several beloved buildings and proposed "Urban Renewal" plans that would have destroyed most of Pioneer Square and Pike Place Market. In 1970, the Seattle City Council secured Pioneer Square's survival with the City's first historic preservation district, and voters approved an initiative for the Pike Place Market historic district two years later. In 1973, the Seattle City Council adopted a Landmarks Preservation Ordinance to safeguard properties of historic and architectural significance around the city - and more than 230 structures and sites have now been designated. The City of Seattle currently owns or maintains 30 designated Landmarks, ranging from libraries to park buildings to fire stations; more than 90 more City-owned properties may be eligible for Landmark status. The City's current policy is to consult with Landmarks Board staff when there are plans to alter or demolish a structure that is listed in the inventory of City-owned Historic Resources as potentially eligible for Landmark status, to determine whether it is necessary for the department that owns the building to prepare a nomination. If the facility is significant, the department would go through the Landmarks Board review process in order to preserve the historic nature of the facility. Staff from Fleets & Facilities have worked with Landmarks Board staff in preparing and implementing the Fire Facilities and Emergency Response Levy; the Landmarks Board has designated eight stations as Historic Landmarks.

### 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.

The City's current program is multi-faceted, with actions underway in two major areas: 1) sustainable design and construction of City-owned buildings and infrastructure; and 2) promoting sustainable design and construction of non-City facilities (e.g., commercial buildings, affordable housing, schools, etc.). To date, the Carkeek Park Environmental Learning Center and the Airport Way Center (formerly Park 90/5) have achieved the "LEED Gold" standard and 15 City projects across six departments are expected to meet the "LEED Silver" standard, making the City the single largest owner of LEED buildings in the world. These buildings include the new Seattle Justice Center and City Hall, the new Central Library, Yesler Community Center, and Cedar River Treatment Facility Operations Building.

## Art and Design Funding for City Capital Projects

### One Percent for Art Program

One percent of City capital improvement project funds are set aside for the commission, purchase, and installation of artworks throughout Seattle. The 2006-2011 Proposed CIP includes One Percent for Art allocations for each project eligible for art funding in compliance with the ordinance establishing the program (SMC Chapter 20.32). The total of these allocations, revenue associated with a Memorandum of Agreement related to Seattle Public Utilities, and some miscellaneous earned revenues, is nearly \$1.2 million for 2006, as shown in the table below. If the expected allocations for a CIP project change in future years (either in the budget or through a separate ordinance), the anticipated One Percent for Art allocation changes accordingly. Project costs for the purposes of calculating the One Percent for Art allocations cover all phases of a construction project (e.g., studies, planning, design, and construction), except for property acquisition.

The projects funded with these allocations are identified in the annual Municipal Art Plan which is prepared by the Office of Arts and Cultural Affairs. The Plan describes the status of continuing public art projects and establishes the scope of work and budgets for new public art projects.

Municipal Arts Fund Revenue Source	2004	2005		2006	
	Actuals	Adopted <sup>4</sup>	Revised	Endorsed	Proposed
City Light <sup>1</sup>	0	0	0	0	0
Seattle Public Utilities <sup>2</sup>	162,982	0	304,500	0	389,500
Fleets & Facilities	554,980	625,860	625,860	198,740	198,740
Library <sup>2</sup>	47,252	33,640	33,640	16,800	16,800
Seattle Center	8,200	7,450	7,450	4,500	160,250
Parks & Recreation	197,400	155,070	165,570	146,550	175,500
Transportation	47,130	223,630	272,790	218,930	108,682
Miscellaneous	136,248	126,360	126,360	103,200	103,200
<b>Totals<sup>3</sup></b>	<b>\$1,154,192</b>	<b>\$1,172,010</b>	<b>\$1,536,170</b>	<b>\$688,720</b>	<b>\$1,152,672</b>

Notes: 1) As a result of a Superior Court decision in the Okeson v. Seattle case, the City has suspended utility participation in the One Percent for Art program for the 2005-2006 biennium. The City is appealing the Okeson decision, so One Percent for Art may be restored later.

2) The 2005 Revised and 2006 Proposed figures for the Seattle Public Utilities (SPU) reflects a fee-for-services agreement between the Office of Arts and the SPU. The figures for the Library reflect administrative costs the Office of Arts collects from the Library for managing the arts elements of the Library’s “Libraries For All” bond measure.

3) The MAF is appropriated via the Office of Arts & Cultural Affairs adopted operating budget.

4) The 2005 Adopted figure reflects the amount of MAF appropriated in the 2005 Adopted Budget of the Office of Arts and Cultural Affairs. The amount of MAF allocated by the 2005-2010 Adopted CIP was about \$60,000 higher than the 2005 Adopted Budget for the Office of Arts and Cultural Affairs due to CIP changes made by the City Council during its budget deliberations. The MAF appropriation was adjusted to reflect the higher CIP allocation in supplemental legislation passed in 2005.

In addition to the One Percent for Art and miscellaneous funds identified above, the Office of Arts and Cultural Affairs also receives \$120,000 per year from the Cumulative Reserve Subfund to fund relocation of artwork, removal of portable works from City facilities undergoing renovation, and general maintenance and repair of all sited and portable artworks.

### Design Commission

Established in 1968, the Seattle Design Commission advises the Mayor, City Council and appropriate City departments on both design and environmental aspects of the City’s Capital Improvement Program. Commission members are Seattle citizens appointed by the Mayor for a renewable two-year term. Membership is comprised of two licensed architects, one professional fine artist, one youth member and 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. Funding for the Design Commission comes from the projects being reviewed. Generally, individual projects are assessed a fee, built into the project budget, of up to 1% of the eligible portion of the project – the rate has been 0.33% for

## Overview

the last several years, but could change in future years. When projects are appropriated \$10 million or more within a fiscal year, they are automatically assessed at a reduced rate of 0.12% of the eligible portion of the project.

Eligible projects 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.

## Other Key Policies

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

The City has taken steps to address contracting equity for small and economically disadvantaged businesses (including Women & Minority owned Businesses “WMBEs”) affected by the race- and gender-neutral requirements of Initiative 200, passed in a statewide vote in 1998.

In 2002, Ordinance 120888 authorized the development of a “small economically disadvantaged business assistance program”, managed by the Urban League of Metropolitan Seattle. This program, called the Contracting Development and Competitiveness Center (CDCC), provides assistance to small construction firms including minority and women-owned businesses, and provides a bridge to resources available in the community for professional, managerial, and technical development. CIP departments are responsible for supporting the CDCC, based on each department’s appropriated CIP amount.

### **Federal Regulatory Compliance**

The City’s utilities have several new facilities projects in their Capital Improvement Programs to meet Federal and State regulatory requirements. 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 and 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.

## CIP Funds and Funding Sources

Like all large municipalities, Seattle relies on a variety of sources to finance capital projects. These include locally-generated revenues (property taxes, fees, voter-approved bonds, 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 a later revenue stream from which to repay the principal and interest expenses. These traditional funding sources continue to provide the majority of funds for capital facility investments. Capital projects in the utilities (Seattle City Light and Seattle Public Utilities) are funded by rates; the utilities issue revenue 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.

The table below identifies funding sources for the 2006-2011 Proposed CIP by fund group (displayed in thousands of dollars).

Fund Group	2005 Revised	2006 Endorsed	2006 Proposed	2006-2011
Federal Funds	37,620	32,753	39,027	72,350
King County Funding	9,471	2,938	2,883	3,943
Other City Funds	136,654	51,096	89,583	177,449
Other Local Government	15,565	4,081	4,466	200,908
Private Funding	40,407	5,392	35,650	43,948
State Funding	37,149	21,147	8,972	41,176
To Be Determined	0	12,484	9,907	436,401
Utility Funding	327,024	301,694	287,251	1,930,152
Voter-Approved Funds (Seattle and King County)	133,649	40,973	40,931	120,482
<b>Total</b>	<b>737,539</b>	<b>472,558</b>	<b>518,670</b>	<b>3,026,809</b>

\*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.

Department capital appropriations for the coming year are made through the budget; details are included in the 2006 Proposed Budget, following each departmental budget section. The level of budget control varies by department and funding source. The Cumulative Reserve Subfund is appropriated at the project or program level. Transportation and Utility funds are generally appropriated at the program category level. Projects or programs that are funded by general obligation bonds are usually appropriated by separate ordinances.

### Cumulative Reserve Subfund (CRF)

This subfund is a reserve fund authorized under State law and is used primarily for maintenance and development of City capital facilities. The subfund is currently divided into two accounts, the Capital Projects Account and the Revenue Stabilization Account. The purposes and uses of these accounts are described below:

The **Capital Projects Account** provides funds for an array of capital projects, with a primary focus on maintaining and rehabilitating existing City facilities. Starting in 2005, the Capital Projects Account includes the Asset Preservation Subaccount – Fleets and Facilities and the Street Vacation Subaccount (replacing the Street Vacation Compensation Fund). With these two additions, the Capital Projects Account includes the following:

- ◆ The Real Estate Excise Tax I (REET I) Subaccount is funded by a 0.25% tax on real estate transactions. A portion of these proceeds is used to pay debt service on bonds issued in 1992 and refinanced in 1998 for low-income housing and recreation facilities.
- ◆ The Real Estate Excise Tax II (REET II) Subaccount is funded from an additional 0.25% tax on real estate transactions and is kept separate due to different state requirements regarding the use of these funds. REET II is used for a variety of capital projects authorized by State law.

## Overview

- ◆ The South Lake Union Property Proceeds Subaccount receives funding from sales of certain surplus City property located adjacent to South Lake Union and investment earnings attributable to the subaccount. Guidance on the use of these funds is generally governed by Resolution 30334.
- ◆ The Unrestricted Subaccount receives funding from a variety of sources, including a portion of street vacation revenues, transfers of General Fund balances, property sales, investment earnings (net of investment earnings attributable to the South Lake Union Property Proceeds Subaccount and the proposed Asset Preservation Subaccount – Fleets and Facilities), and other unrestricted contributions to the Cumulative Reserve Subfund.
- ◆ The Asset Preservation Subaccount – Fleets and Facilities, created through legislation with the 2005-06 Budget, receives a portion of the funds collected from space rent charges on certain Fleets and Facilities Department (“FFD”) facilities and interest earned on subaccount balances. For the 2005-06 biennium, FFD supplements rent revenues with Department fund balances generated from operational savings. Use of these funds is limited to asset preservation expenses in certain FFD facilities. A portion of the funds (\$2.46 million) was held in Finance General for 2005. FFD completed an asset preservation study requested under a Statement of Legislative Intent and these funds are proposed for appropriation in 2006.
- ◆ The Street Vacation Subaccount receives funding from a portion of street vacation revenues. In 2001, the State Legislature made major changes in the law pertaining to vacation compensation. These changes allowed cities, in certain circumstances, to charge a vacation fee that is the full-appraised value of the right-of-way and mandated that at least half of the vacation compensation fees received be dedicated to the acquisition, improvement, development, and related maintenance of public open space or transportation capital projects within the city. This subaccount tracks those funds.

The **Revenue Stabilization Account**, created through Ordinance 119761, provides a cushion from the impact of sudden, unanticipated shortfalls in revenue due to economic downturns that could undermine City government’s ability to maintain services. The account is limited by ordinance to 2.5% of the prior tax year revenues. There is approximately \$3.5 million held within the account in 2006.

### **2006 Cumulative Reserve Subfund Appropriations**

The table on the following page shows department allocations from the Cumulative Reserve Subfund (CRF) along with other projects, including debt service payments and the City’s Tenant Relocation Assistance Program. This information is shown for informational purposes only; actual appropriations for capital projects funded by the CRF are made in the 2006 Proposed Budget. Department capital projects are fully described in project sections of this document.

## Overview

	<b>Fund Name</b>	<b>Fund Number</b>	<b>2004 Actuals</b>	<b>2005 Adopted</b>	<b>2006 Endorsed</b>	<b>2006 Proposed</b>
<b>Special Projects</b>						
1998B Capital Facilities Refunding	REET I	00163	\$2,558,931	\$3,004,000	\$3,004,000	\$2,946,013
Artwork Conservation - OACA	Unrestricted	00164	212,977	120,000	120,000	120,000
Other Drainage CIP	REET I	00163	0	0	0	100,000
Tenant Relocation Assistance Program	Unrestricted	00164	179,000	179,000	179,000	179,000
<b>Special Projects Total</b>			<b>\$2,950,908</b>	<b>\$3,303,000</b>	<b>\$3,303,000</b>	<b>\$3,345,013</b>
<b>Department Summaries</b>						
Department of Parks and Recreation			\$9,482,716	\$11,786,000	\$10,519,000	\$13,238,000
Fleets and Facilities Department			3,877,960	7,795,000	9,949,000	13,339,000
Seattle Center			2,076,792	2,825,000	3,633,000	4,661,000
Seattle Public Library			1,420,227	1,678,000	2,460,000	2,460,000
Seattle Transportation			6,879,320	9,580,000	8,587,000	18,355,000
<b>Department Summaries Total</b>			<b>\$23,737,015</b>	<b>\$33,664,000</b>	<b>\$35,148,000</b>	<b>\$52,053,000</b>
<b>Grand Total</b>			<b>\$26,687,923</b>	<b>\$36,967,000</b>	<b>\$38,451,000</b>	<b>\$55,398,013</b>

### 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 Fund dollars appear in the CIP in two places: the General Fund 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 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.

A number of City funds are established to monitor the expenditures of specific LTGO bonds. These include the Seattle Center/Community Centers Levy Fund and the Municipal Civic Center Fund (with subfunds including the Justice Center Subfund, the City Hall Subfund, the Key Tower Subfund, and the Open Space/Arctic Subfund).

#### 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 a 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. The "Libraries for All" (LFA) measure, approved by voters in November 1998, is an example of voter-approved bonds. The LFA UTGO Bond Series One Fund was established in 1999 to account for proceeds from the sale of voter-approved bonds (approximately \$100 million) to be used for the "Libraries for All" capital program. The 1998 Libraries for All Fund was established in 1999 to hold proceeds from line-of-credit borrowing (approximately \$1.5 million) that were used to finance LFA operations until the voter-approved bonds could be sold (Ordinance 119185). In September 2002, the final \$94.8 million of UTGO bonds for LFA projects were sold.

## **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, 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. Both of these types of transactions are reflected in the Marion Oliver McCaw Hall project (S0001) in the Seattle Center CIP.

# **PARKS AND RECREATION**



## Overview of Facilities and Programs

The Department of Parks and Recreation (DPR) manages 400 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 10% of the City's land area. It includes 485 buildings, 224 parks, 185 athletic fields, 122 children's play areas, 25 community centers, 151 outdoor tennis courts, 22 miles of boulevards, an indoor tennis center, two outdoor and eight indoor swimming pools, four golf courses, studios, boat ramps, moorage, fishing piers, trails, camps, viewpoints and open spaces, a rock climbing site, a conservatory, a classical Japanese garden, and a waterfront aquarium.

The development of this system is guided by the Seattle Parks & Recreation Plan 2000, the 38 neighborhood plans, the Joint Athletic Facilities Development Program with the Seattle School District, the 1999 Seattle Center and Community Centers Levy, the 2000 Parks Levy, and DPR's annual update to the Major Maintenance (Asset Preservation) Plan.

The projects in this document are funded by a variety of sources including two levies, the Cumulative Reserve Subfund, Councilmanic debt, and the Shoreline Park Improvement Fund, in addition to numerous other special fund sources, grants, and private donations. In 1999, Seattle voters approved a renewal of the 1991 Seattle Center and Community Centers Levy, continuing Seattle Parks and Recreation's commitment to renovate and expand old facilities and provide new centers. The Community Centers' portion of the 1999 levy totals \$36 million. The 2000 Parks Levy is an eight-year, \$198.2 million levy lid lift that funds more than 100 projects to improve and develop parks, playfields and trails, improve maintenance, and enhance recreational programming. The levy closely follows the plan forged by the Pro Parks 2000 Citizens Planning Committee.

## Highlights

- ◆ **1999 Community Center Levy Projects:** Work on all nine of the community center projects is underway or completed. Currently six Community Centers are completed - High Point, Sand Point, Jefferson, International District/Chinatown, Yesler, and Southwest. The Northgate and Van Asselt Community Centers are under construction and scheduled for completion in 2006. The Belltown Neighborhood Center is currently on hold. The Low Income Housing Institute (LIHI) was a lead partner in this project as a joint effort to provide both housing and community space in a single location. However, LIHI has been unable to raise the necessary funding to proceed, and the project is on hold while DPR works with the community to consider other possible locations.
- ◆ **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. Capital projects related to the Opportunity Fund appeared for the first time in the 2003-2008 Adopted CIP, after awards were made in 2002. The Department has conducted a second award process for the remaining \$4 million in 2005.

As of mid-year 2005, 33 neighborhood parks and green spaces have been acquired, and additional transactions are expected to close in 2005 and 2006. All but nine of the 95 development projects are underway or have been completed, and 41 development projects are completed and another nine projects are expected to be completed by the end of 2005. Seven properties have been purchased through the Opportunity Fund, and two more are expected to be purchased this year. In addition, three Opportunity Fund development projects have also been completed and one more is scheduled for completion in 2005.

- ◆ **South Lake Union (SLU):** In 2005, the City entered into an agreement with City Investors (CI), a property owner and developer in the South Lake Union area. As part of this agreement, CI donated \$5 million to the City via the Seattle Parks Foundation for the development of phase one of SLU Park. This donation, in

## Parks & Recreation

conjunction with a portion of the existing \$5 million from the 2000 Parks Levy, will complete phase one of the park, which includes: constructing terraces, a boardwalk, and a pedestrian bridge; replacing the bulkhead; installing utilities; and preparing the park for phase two of the project. CI has pledged an additional \$5 million for phase two of the SLU development project, contingent on construction of certain Valley Street improvements. In 2005, DPR also entered into an agreement with the Foundation calling for the Foundation to raise \$10 million in additional private funds by June 2008 to fund phase two of the park project. Phase two includes: development of the Valley Street entry and a grove of trees; installation of a fountain; expansion of the Center for Wooden Boats building; creation of a 'Great Lawn'; and installation of a model boat pond, art and landscaping.

- ◆ **Waterfront Piers:** The Department owns four saltwater piers (58, 59, 60 and 62/63) on the Puget Sound Waterfront that are in varying stages of deterioration. In conjunction with necessary repairs and inspections, the Executive is planning to review and coordinate planning for the City's properties on the waterfront with planning for the Alaskan Way Viaduct and Seawall reconstruction. Four projects are included in Parks' 2006-2011 Proposed CIP, including replacing the entire piling systems for two piers - Pier 59 and Pier 62/63. The project on Pier 59, home of the Seattle Aquarium (Aquarium – Pier 59 Piling Replacement), began construction in 2005 and is expected to be completed in 2006. The project on Pier 62/63, the former location of the "Summer Nights on the Pier" concert series (Pier 62/63 – Piling Replacement), began planning in 2005 with construction expected to begin in 2007. The condition of the Pier 60 pilings will be studied in conjunction with the Pier 59 construction project; while Pier 58, the site of Waterfront Park, will undergo a required inspection in 2005-2006 (Pier 58 Piling Corrosion Inspection).
- ◆ **Downtown Parks Improvements:** Three projects support the Mayor's initiative to transform Seattle's downtown parks into vibrant, attractive public spaces, including improvements at Occidental Park (Pioneer Square – Area Park Restorations), Freeway Park (Freeway Park Renovation) and City Hall Park (City Hall Park Restoration). Improvements will be planned and implemented with consideration for potential impacts on other nearby parks, and will include \$1.2 million in total funding for 2006.
- ◆ **Downtown Tree Replacement:** In September 2005, the Mayor issued an Executive Order stating that all City departments must replace any tree removed for any reason from City property with two new trees. These replacement trees must be a minimum of two inches in trunk diameter and be replaced within two years of the original tree's removal. In 2006, DPR has \$82,000 for tree replacement related to Freeway Park, which is losing 22 trees as part of a development plan for the park (Freeway Park Renovation).
- ◆ **Golf Debt:** In 2000, Council authorized DPR to execute a loan of \$2 million for various capital and operating costs on behalf of the Municipal Golf of Seattle (MGS) organization, which had been established in 1994 as a separate not-for-profit corporation to manage the City's then three golf courses. In 2003, DPR chose to terminate the agreement with MGS, assumed the \$2 million in debt, and then created a Golf Financial Plan to repay the debt with golf revenue. Over the last two years, the golf program has not been able to produce the revenues initially expected, and resources for capital facility improvements are not sufficient to update the facilities. In the Third Quarter 2005 Supplemental, the Executive is providing approximately \$2 million in General Fund resources to pay the golf debt, which will allow the program to focus its revenues on funding capital improvements to the course facilities.
- ◆ **Restore our Waters Strategy:** Nine DPR projects support the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments, including two projects at Warren G. Magnuson Park at Sand Point; the Northshore, Pier and Log Boom project; and the Shoreline Renovation project.
- ◆ **Shoreline Park Improvement Fund (SPIF):** In the 2005 CIP 10 new projects were funded by the Shoreline Park Improvement Fund as a result of the \$5 million settlement from King County as mitigation for 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 the Department.

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In 2004, the U.S. Federal Government notified DPR in 2004 that it planned to sell its Capehart housing property located within Discovery Park. In the 2006-2011 CIP, in concurrence with the West Point Citizen's Advisory Committee, the City reallocated funding for several of the existing West Point Settlement Projects to help pay for the purchase and renovation of the Capehart Housing property.

In 2005, the U.S. Department of Interior notified DPR that it wanted to transfer ownership of the Lighthouse in Discovery Park to DPR. In the 2006 CIP, \$600,000 is transferred from the Discovery Park - Contingency and Opportunity Fund project (K731241) to a new Lighthouse project to cover the cost of the restoration of this facility.

- ◆ **2006 Cumulative Reserve Subfund (CRF) Neighborhood Program:** In 2006, four projects totaling \$141,000 are funded with 2006 CRF Neighborhood Program Funding. Projects are proposed by District Councils selected by a team of City staff from the Department of Neighborhoods, DPR, Seattle Department of Transportation and Department of Finance.
- ◆ **2005 Supplemental Funding:** Many grants and other funding from various sources for capital projects were approved in first quarter 2005 supplemental legislation (Ordinance 121796), for an approximate total of \$348,000 including \$150,000 from the State Historic Society for the South Lake Union Wharf. In addition, approximately \$5.4 million was transferred from City Light as the final payment for purchase of the Roy Street property, and \$4,468,000 of this amount was appropriated specifically to pay the debt for the acquisition of the new facilities maintenance building at Westbridge. The Council also approved \$300,000 from the Cumulative Reserve Fund for the Mt. Baker Rowing and Sailing Center Addition, and \$33,000 was transferred from the Seattle Department of Transportation for pedestrian and curb enhancements for the Ballard Municipal Center Park.

Additional funding from private and public sources was approved in the second quarter 2005 supplemental legislation (Ordinance 121883) including four grants totaling approximately \$1.2 million from the Washington State Interagency Committee for Outdoor Recreation (IAC), and a \$100,000 grant from the Laurelhurst Community Center Advisory Council for the renovation of the Laurelhurst Community Center.

- ◆ **2005 Budget Provisos:** In the 2005 budget process, the Council adopted the following capital budget provisos that limited spending for two CIP projects - Occidental Park and Sand Point Magnuson Park Athletic Fields - until certain projects are approved by the Council. Subsequent actions in 2005 related to these provisos are identified in the specific CIP project descriptions.

### Project Selection Process

The Department uses the following three-step process to identify specific major maintenance projects for the CIP:

**Project Identification:** Projects are selected from the latest update to the Department's assessment of its parks and recreation facilities. The assessment establishes a threshold determination of the demand for renovation or replacement projects as well as information on facility deficiencies related to structural integrity, facility usability, ADA compliance, safety and regulatory considerations, and operational costs. This information is used to develop project scopes and budgets.

**Project Selection:** Projects generated in the identification stage are prioritized using information on projected facility use. The prioritized recommendations are presented to the public for review and comment. Input regarding priorities for sports fields is solicited from the Sports Advisory Council.

**Project Budget and Scheduling:** Initial project budgets are developed using general cost estimating methods, including reference to the cost records of similar projects, gross unit costs, and Department experience. Initial budgets for high priority projects are reassessed based on refined project scopes. Cost estimates are reviewed

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again in the planning process for each project, and budgets are adjusted within each of the major maintenance programs. Budgets are also identified for the specific project phases that are relevant, e.g., acquisition, planning, design, and construction. Finally, project schedules are assigned to each project.

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

DPR's 2006 Proposed Budget is increased by approximately \$460,000 to fund operations and maintenance (O&M) costs generated by previous years' capital projects. The O&M estimates for future years are provided to guide project scopes developed through public involvement and planning processes. In a few project listings, DPR has not identified O&M costs as it is too early in the project to accurately estimate these costs.

# Parks & Recreation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>1999 Community Center Improvements</b>						<b>BCL/Program Code:</b>				K72654
Belltown Neighborhood Center	K73484	64	1,846	0	0	0	0	0	0	<b>1,910</b>
Northgate Community Center Construction	K73479	3,026	6,107	0	0	0	0	0	0	<b>9,133</b>
Van Asselt Community Center - Expansion	K73486	262	3,893	50	0	0	0	0	0	<b>4,205</b>
<b>Total for BCL 1999 Community Center Improvements</b>		<b>3,352</b>	<b>11,846</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,248</b>
<b>2000 Parks Levy - Acquisition Opportunity Fund</b>						<b>BCL/Program Code:</b>				K723007
Opportunity Fund Acquisitions	K733175	3	281	0	0	0	0	0	0	<b>284</b>
<b>Total for BCL 2000 Parks Levy - Acquisition Opportunity Fund</b>		<b>3</b>	<b>281</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>284</b>

\*Amounts in thousands of dollars

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# Parks & Recreation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>2000 Parks Levy - Development Opportunity Fund</b>						<b>BCL/Program Code:</b>			K723008	
Amy Yee Tennis Center	K733224	0	200	20	0	0	0	0	0	<b>220</b>
Ballard Pocket Park	K733225	0	150	0	0	0	0	0	0	<b>150</b>
Brighton Playfield and Science Park	K733226	0	100	0	0	0	0	0	0	<b>100</b>
Cascade People's Center	K733227	0	250	1,330	0	0	0	0	0	<b>1,580</b>
Cesar Chavez Park	K733228	0	100	236	0	0	0	0	0	<b>336</b>
Ercolini Property	K733229	0	200	0	0	0	0	0	0	<b>200</b>
Fremont Peak Park	K733230	0	250	150	0	0	0	0	0	<b>400</b>
Haller Lake Community Street End Park	K733231	0	150	50	0	0	0	0	0	<b>200</b>
Junction Plaza Park Development	K733232	0	200	0	0	0	0	0	0	<b>200</b>
Maple Leaf Community Garden	K733233	0	150	28	0	0	0	0	0	<b>178</b>
Marra Farm Community Project	K733234	0	180	155	0	0	0	0	0	<b>335</b>
Mt. Baker Ridge Viewpoint	K733235	0	250	150	0	0	0	0	0	<b>400</b>
Pinehurst Pocket Park	K733236	0	100	25	0	0	0	0	0	<b>125</b>
Powell Barnett Legacy Project	K733237	0	200	178	0	0	0	0	0	<b>378</b>
<b>Total for BCL 2000 Parks Levy - Development Opportunity Fund</b>		<b>0</b>	<b>2,480</b>	<b>2,322</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,802</b>
<b>2000 Parks Levy - Green Spaces Acquisitions</b>						<b>BCL/Program Code:</b>			K723002	
Green Space Acquisition General	K733002	0	2,755	1,300	1,216	0	0	0	0	<b>5,271</b>
Voluntary Green Space Conservation	K733163	21	47	30	30	30	0	0	0	<b>158</b>
<b>Total for BCL 2000 Parks Levy - Green Spaces Acquisitions</b>		<b>21</b>	<b>2,802</b>	<b>1,330</b>	<b>1,246</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,429</b>

\*Amounts in thousands of dollars

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## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>2000 Parks Levy - Major Park Development</b>						<b>BCL/Program Code:</b>				K723004
Jefferson Park - Beacon Reservoir Acquisition & Development	K733131	730	1,020	700	4,650	0	0	0	0	<b>7,100</b>
OSP - Belltown/Lower Queen Anne Waterfront Connections	K733135	96	2,352	1,324	0	0	0	0	0	<b>3,772</b>
Sand Point Magnuson Park - Wetlands Development	K733133	988	2,912	900	0	0	0	0	0	<b>4,800</b>
South Lake Union Park - Development	K733134	1,896	7,594	5,510	5,000	5,000	0	0	0	<b>25,000</b>
<b>Total for BCL 2000 Parks Levy - Major Park Development</b>		<b>3,710</b>	<b>13,878</b>	<b>8,434</b>	<b>9,650</b>	<b>5,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,672</b>
<b>2000 Parks Levy - Neighborhood Park Acquisitions</b>						<b>BCL/Program Code:</b>				K723001
Neighborhood Park Acquisitions General	K733001	0	199	170	200	0	0	0	0	<b>569</b>
<b>Total for BCL 2000 Parks Levy - Neighborhood Park Acquisitions</b>		<b>0</b>	<b>199</b>	<b>170</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>569</b>

\*Amounts in thousands of dollars

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## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>2000 Parks Levy - Neighborhood Park Development</b>						<b>BCL/Program Code:</b>			K723003	
37th Ave. S Park Development (John C. Little, Sr. Park)	K733058	53	496	0	0	0	0	0	0	<b>549</b>
Ballard Commons Park (formerly Ballard Municipal Center)	K733063	332	2,175	0	0	0	0	0	0	<b>2,507</b>
Bellevue Substation Development (or Alternate Site)	K733064	0	0	44	187	0	0	0	0	<b>231</b>
Boren-Pike-Pine Park - Redevelopment	K733067	265	810	0	0	0	0	0	0	<b>1,075</b>
Brandon Mini-Park Development	K733069	16	550	0	0	0	0	0	0	<b>566</b>
Burke-Gilman University Area Improvements	K733070	0	0	21	82	0	0	0	0	<b>103</b>
California Substation - Development	K733071	148	440	0	0	0	0	0	0	<b>588</b>
Capitol Hill Park Development	K733072	0	0	0	73	290	0	0	0	<b>363</b>
Colman School Parking Lot Development	K733076	77	232	0	0	0	0	0	0	<b>309</b>
Columbia Park Improvements	K733077	0	68	283	0	0	0	0	0	<b>351</b>
Crown Hill School Open Space Development	K733080	0	181	865	0	0	0	0	0	<b>1,046</b>
Dexter Pit Park Development	K733081	0	0	132	479	0	0	0	0	<b>611</b>
First Hill Park Development	K733082	0	0	0	20	91	0	0	0	<b>111</b>
Gas Works Park - Improvements	K733084	828	475	0	0	0	0	0	0	<b>1,303</b>
Georgetown Playfield Improvements	K733086	0	51	343	1,438	0	0	0	0	<b>1,832</b>
Green Lake Park Plaza & Shade Garden Development	K733089	0	0	72	289	0	0	0	0	<b>361</b>
Greg Davis Park - Development	K733091	3	70	0	0	0	0	0	0	<b>73</b>

*\*Amounts in thousands of dollars*

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## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>2000 Parks Levy - Neighborhood Park Development</b>						<b>BCL/Program Code:</b>			K723003	
Jefferson Park - Tennis Courts	K733094	1	549	0	0	0	0	0	0	<b>550</b>
Laurelhurst Community Center	K733098	111	834	2,062	0	0	0	0	0	<b>3,007</b>
Magnolia Elementary Field Improvements	K733100	17	393	987	0	0	0	0	0	<b>1,397</b>
Martin Luther King, Jr. Park Improvements	K733101	56	419	0	0	0	0	0	0	<b>475</b>
Montlake Community Center	K733102	123	871	2,391	0	0	0	0	0	<b>3,385</b>
Morgan Substation Park Development	K733103	0	0	63	250	0	0	0	0	<b>313</b>
Myrtle Reservoir Development	K733104	0	0	172	688	0	0	0	0	<b>860</b>
Neighborhood Park Development General	K733003	34	1,342	2,500	0	0	0	0	0	<b>3,876</b>
Northgate Park - Development	K733107	100	1,331	0	0	0	0	0	0	<b>1,431</b>
Northlake Park (formerly 7th Avenue NE Street End)	K733060	23	181	0	0	0	0	0	0	<b>204</b>
Orchard Street Ravine Improvements	K733108	0	34	141	0	0	0	0	0	<b>175</b>
Pioneer Square - Area Park Renovations	K733109	504	1,823	300	0	0	0	0	0	<b>2,627</b>
Puget Boulevard Commons Development	K733110	15	664	0	0	0	0	0	0	<b>679</b>
Queen Anne Park Development	K733111	0	59	245	0	0	0	0	0	<b>304</b>
Rainier Beach Public Plaza - Development	K733112	16	148	0	0	0	0	0	0	<b>164</b>
Ravenna Creek - Daylighting	K733079	864	1,286	(45)	0	0	0	0	0	<b>2,105</b>
Ross Park Shelterhouse Improvements	K733114	57	488	0	0	0	0	0	0	<b>545</b>
Seward Park Annex & Hatchery - Renovation	K733120	239	380	0	0	0	0	0	0	<b>619</b>
University Heights Open Space Improvements	K733124	0	0	41	165	0	0	0	0	<b>206</b>

\*Amounts in thousands of dollars

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## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>2000 Parks Levy - Neighborhood Park Development</b>						<b>BCL/Program Code:</b>				K723003
Washington Park Arboretum - Improvements	K733127	283	1,985	0	0	0	0	0	0	<b>2,268</b>
<b>Total for BCL 2000 Parks Levy - Neighborhood Park Development</b>		<b>4,165</b>	<b>18,335</b>	<b>10,617</b>	<b>3,671</b>	<b>381</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,169</b>
<b>2000 Parks Levy - Playfields and Facilities</b>						<b>BCL/Program Code:</b>				K723005
Loyal Heights Playfield Improvements	K733138	16	938	1,462	0	0	0	0	0	<b>2,416</b>
Playfields and Facilities General	K733005	12	731	252	0	0	0	0	0	<b>995</b>
Sand Point Magnuson Park - Athletic Field Renovation	K733140	1,452	4,855	4,379	0	0	0	0	0	<b>10,686</b>
West Seattle Stadium - Improvements	K733141	12	1,725	0	0	0	0	0	0	<b>1,737</b>
<b>Total for BCL 2000 Parks Levy - Playfields and Facilities</b>		<b>1,492</b>	<b>8,249</b>	<b>6,093</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,834</b>
<b>2000 Parks Levy - Trails and Boulevards</b>						<b>BCL/Program Code:</b>				K723006
Lake Washington Boulevard Trail Improvements	K733146	0	30	110	860	0	0	0	0	<b>1,000</b>
Queen Anne Boulevard Improvements	K733151	0	15	200	285	0	0	0	0	<b>500</b>
<b>Total for BCL 2000 Parks Levy - Trails and Boulevards</b>		<b>0</b>	<b>45</b>	<b>310</b>	<b>1,145</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500</b>

\*Amounts in thousands of dollars

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# Parks & Recreation

## Project Summary

<b>BCL/Program Name &amp; Project</b>	<b>Project ID</b>	<b>Life To Date</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Ballfields/Athletic Courts/Play Areas</b>						<b>BCL/Program Code:</b>				<b>K72445</b>
Ballfields - Minor Capital Improvements	K73507	726	436	125	0	0	0	0	0	<b>1,287</b>
Jefferson Park - Play Area Replacement	K73570	0	391	0	0	0	0	0	0	<b>391</b>
Lot 2 Skate Park and Basketball Court Acquisition and Development	K732176	0	0	2,350	0	0	0	0	0	<b>2,350</b>
Lower Woodland PF Field #2 Lighting Replacement	K732272	0	0	70	278	0	0	0	0	<b>348</b>
Meadowbrook Playfield - Tennis Court Renovation	K732216	0	20	80	0	0	0	0	0	<b>100</b>
Play Area Safety Program	K732218	160	190	120	0	0	0	0	0	<b>470</b>
Tennis Court Small Scale Renovation Program	K732227	100	50	50	0	0	0	0	0	<b>200</b>
<b>Total for BCL Ballfields/Athletic Courts/Play Areas</b>		<b>986</b>	<b>1,087</b>	<b>2,795</b>	<b>278</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,146</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

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## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Building Component Renovations</b>						<b>BCL/Program Code:</b>				K72444
HVAC System Duct Cleaning - Large Buildings	K73669	112	36	33	0	0	0	0	0	<b>181</b>
Maplewood Playfield – Comfort Station Renovation	K732271	0	0	30	0	0	0	0	0	<b>30</b>
Mt. Baker Rowing & Sailing Center - Addition	K73977-02	40	641	1,173	0	0	0	0	0	<b>1,854</b>
Seattle Asian Art Museum Roof Replacement & Seismic Improvements	K732274	0	1,696	0	0	0	0	0	0	<b>1,696</b>
Small Building Roof Program	K73514	646	142	100	0	0	0	0	0	<b>888</b>
South Lake Union Park - Armory Assessment and Roof Repair	K732224	107	858	1,440	0	0	0	0	0	<b>2,405</b>
Volunteer Park Conservatory - Replacements & Renovations	K732068	1,069	188	819	0	0	0	0	0	<b>2,076</b>
Woodland Park - Central Comfort Station #5 Renovation	K732230	35	11	70	280	0	0	0	0	<b>396</b>
Woodland Park Zoo Garage	K732291	0	0	0	18,046	0	0	0	0	<b>18,046</b>
<b>Total for BCL Building Component Renovations</b>		<b>2,009</b>	<b>3,572</b>	<b>3,665</b>	<b>18,326</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,572</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Parks & Recreation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Citywide and Neighborhood Projects</b>						<b>BCL/Program Code:</b>				K72449
Hillman City P-Patch	K732286	0	100	140	0	0	0	0	0	<b>240</b>
Kobe Terrace Landscape Restoration	K732290	0	0	16	0	0	0	0	0	<b>16</b>
Landscape Restoration	K732214	1,204	480	300	0	0	0	0	0	<b>1,984</b>
Neighborhood Response Program	K73508	1,315	457	250	0	0	0	0	0	<b>2,022</b>
Neighborhood Self-Help Program	K73506	406	110	100	0	0	0	0	0	<b>616</b>
Northgate Urban Center Park - Acquisition	K732287	0	0	0	0	0	0	0	0	<b>0</b>
Roxhill Park ADA Comfort Station Improvements	K732289	0	0	57	0	0	0	0	0	<b>57</b>
Trails Renovation	K73513	1,081	244	225	0	0	0	0	0	<b>1,550</b>
Westcrest Park Trail System Renovation	K732288	0	0	32	0	0	0	0	0	<b>32</b>
<b>Total for BCL Citywide and Neighborhood Projects</b>		<b>4,006</b>	<b>1,391</b>	<b>1,120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,517</b>
<b>Debt Service and Contract Obligation</b>						<b>BCL/Program Code:</b>				K72440
Aquarium Pier 59 Piling Replacement Debt Service	K732283	0	634	1,953	2,063	1,897	1,897	1,897	1,897	<b>12,238</b>
Contracting Cost Allocation	K732235	425	400	410	0	0	0	0	0	<b>1,235</b>
Parks Maintenance Facility Acquisition	K73502	2,606	5,181	719	723	721	722	720	722	<b>12,114</b>
Woodland Park Zoo Garage Debt Service	K732292	0	0	0	383	872	726	719	601	<b>3,301</b>
<b>Total for BCL Debt Service and Contract Obligation</b>		<b>3,031</b>	<b>6,215</b>	<b>3,082</b>	<b>3,169</b>	<b>3,490</b>	<b>3,345</b>	<b>3,336</b>	<b>3,220</b>	<b>28,888</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Parks & Recreation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Docks/Piers/Floats/Seawalls/Shorelines</b>						<b>BCL/Program Code:</b>				K72447
Atlantic City Boat Ramp and Pier Repair	K732098	166	1,125	0	0	0	0	0	0	1,291
Lake Washington Shoreline Renovations	K732232	131	535	20	0	0	0	0	0	686
Pier 58 Piling Corrosion Inspection	K732278	0	40	80	0	0	0	0	0	120
Pier 62/63 - Piling Replacement	K731082	1,624	500	0	0	0	0	0	0	2,124
Sand Point Magnuson Park - Boat Ramp & Pier Renovation	K732099	51	269	250	0	0	0	0	0	570
Sand Point Magnuson Park Shoreline Renovation	K732277	0	428	513	0	0	0	0	0	941
<b>Total for BCL Docks/Piers/Floats/Seawalls/Shorelines</b>		<b>1,972</b>	<b>2,897</b>	<b>863</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,732</b>
<b>Forest Restoration</b>						<b>BCL/Program Code:</b>				K72442
Colman Park - Trees Settlement	K732204	84	116	300	0	0	0	0	0	500
Forest Restoration	K73442	1,353	451	420	0	0	0	0	0	2,224
<b>Total for BCL Forest Restoration</b>		<b>1,437</b>	<b>567</b>	<b>720</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,724</b>
<b>Gas Works Park Remediation</b>						<b>BCL/Program Code:</b>				K72582
Gas Works Park - Remediation	K73582	474	608	0	0	0	0	0	0	1,082
<b>Total for BCL Gas Works Park Remediation</b>		<b>474</b>	<b>608</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,082</b>
<b>Golf Projects</b>						<b>BCL/Program Code:</b>				K72253
Golf - Capital Improvements	K732285	0	0	677	0	0	0	0	0	677
Jefferson Park - Driving Range Improvements	K731184	90	1,096	0	0	0	0	0	0	1,186
<b>Total for BCL Golf Projects</b>		<b>90</b>	<b>1,096</b>	<b>677</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,863</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Parks Infrastructure</b>						<b>BCL/Program Code:</b>				K72441
City Hall Park Restoration	K732297	0	100	400	0	0	0	0	0	<b>500</b>
Environmental Remediation	K732003	293	127	90	0	0	0	0	0	<b>510</b>
Freeway Park Renovation	K732273	0	200	482	0	0	0	0	0	<b>682</b>
Golden Gardens Park Water Line Replacement	K732275	0	0	200	0	0	0	0	0	<b>200</b>
Hazard Mitigation Program - Risk Assessment	K73509	591	109	100	0	0	0	0	0	<b>800</b>
Irrigation Replacement Program	K732270	0	100	150	200	0	0	0	0	<b>450</b>
Kubota Garden - Crew Quarters and Parking Lot	K732212	84	479	0	0	0	0	0	0	<b>563</b>
Lake Washington Blvd. Drainage	K732281	0	0	40	160	0	0	0	0	<b>200</b>
Lower Woodland Skateboard Park	K732276	0	125	475	0	0	0	0	0	<b>600</b>
OSP - Olympic Sculpture Park Devel./Alaskan Way Improvements	K731006	3,729	1,443	1,498	0	0	0	0	0	<b>6,670</b>
Pavement Restoration Program	K73512	475	114	50	0	0	0	0	0	<b>639</b>
Picnic Areas Renovation	K732282	0	0	29	0	0	0	0	0	<b>29</b>
Prefontaine Place - Fountain Renovation	K732009	8	120	0	0	0	0	0	0	<b>128</b>
Preliminary Studies & Engineering Program	K73510	825	265	200	0	0	0	0	0	<b>1,290</b>
Sand Point Magnuson Park - Northshore, Pier, and Log Boom	K73965	727	1,690	0	0	0	0	0	0	<b>2,417</b>
Stan Sayres Parking Lot - Water Quality Improvements	K732226	20	229	463	0	0	0	0	0	<b>712</b>
Volunteer Park - ADA Compliance & Repaving	K732124	0	95	0	480	0	0	0	0	<b>575</b>

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

# Parks & Recreation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Parks Infrastructure</b>						<b>BCL/Program Code:</b>				K72441
<b>Total for BCL Parks Infrastructure</b>		<b>6,752</b>	<b>5,196</b>	<b>4,177</b>	<b>840</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,965</b>
<b>Parks Upgrade Program - CDBG</b>						<b>BCL/Program Code:</b>				K72861
Parks Upgrade Program K73861		4,878	927	508	0	0	0	0	0	6,313
<b>Total for BCL Parks Upgrade Program - CDBG</b>		<b>4,878</b>	<b>927</b>	<b>508</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,313</b>
<b>Pools/Natatorium Renovations</b>						<b>BCL/Program Code:</b>				K72446
Ballard Pool - HVAC System and Boiler Replacement	K732206	22	744	225	0	0	0	0	0	991
Evans Pool - Mechanical & Lighting System Renovation	K732209	4	45	195	0	0	0	0	0	244
<b>Total for BCL Pools/Natatorium Renovations</b>		<b>26</b>	<b>789</b>	<b>420</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,235</b>
<b>Puget Park</b>						<b>BCL/Program Code:</b>				K72127
Puget Park - Environmental Remediation	K73127	222	430	0	0	0	0	0	0	652
<b>Total for BCL Puget Park</b>		<b>222</b>	<b>430</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>652</b>
<b>Seattle Aquarium Projects</b>						<b>BCL/Program Code:</b>				K72448
Aquarium - Exhibit Renovations	K732107	202	77	75	0	0	0	0	0	354
Aquarium - Pier 59 Piling Replacement	K732202	1,304	22,737	1,854	0	0	0	0	0	25,895
<b>Total for BCL Seattle Aquarium Projects</b>		<b>1,506</b>	<b>22,814</b>	<b>1,929</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,249</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>West Point Settlement Projects</b>						<b>BCL/Program Code:</b>				K72982
Discovery Park - Building 653 Demolition and Site Restoration	K731232	0	250	0	0	0	0	0	0	<b>250</b>
Discovery Park - Capehart Acquisition	K731231	0	1,075	3,650	5,405	0	0	0	0	<b>10,130</b>
Discovery Park - Capehart Site Restoration	K321242	0	0	0	0	0	500	0	0	<b>500</b>
Discovery Park - Chapel Annex and Washington Ave. Demolition and Site Restoration	K731233	0	0	50	0	0	0	0	0	<b>50</b>
Discovery Park - Contingency and Opportunity Fund	K731241	0	200	0	0	0	0	0	0	<b>200</b>
Discovery Park - Lighthouse Restoration	K731243	0	0	600	0	0	0	0	0	<b>600</b>
Discovery Park - Nike Building Removal and Site Restoration	K731234	0	1,000	0	0	0	0	0	0	<b>1,000</b>
Discovery Park - North Forest Road Removal	K731236	0	0	70	230	0	0	0	0	<b>300</b>
<b>Total for BCL West Point Settlement Projects</b>		<b>0</b>	<b>2,525</b>	<b>4,370</b>	<b>5,635</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>13,030</b>
<b>Zoo Annual Major Maintenance</b>						<b>BCL/Program Code:</b>				K72899
Woodland Park Zoo - Annual Major Maintenance Contribution	K732234	2,200	1,000	1,000	1,000	1,200	0	0	0	<b>6,400</b>
<b>Total for BCL Zoo Annual Major Maintenance</b>		<b>2,200</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,400</b>
<b>Department Total</b>		<b>42,332</b>	<b>109,229</b>	<b>54,652</b>	<b>45,160</b>	<b>10,101</b>	<b>3,845</b>	<b>3,336</b>	<b>3,220</b>	<b>271,875</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Parks & Recreation

## Fund Summary

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
1999 Seattle Center and Community Center Levy Fund	3,279	10,842	0	0	0	0	0	0	<b>14,121</b>
2000 Parks Levy Fund	8,514	44,864	20,759	10,912	411	0	0	0	<b>85,460</b>
2002 LTGO Capital Project Fund	468	0	0	0	0	0	0	0	<b>468</b>
2002B LTGO Capital Project Fund	530	0	0	0	0	0	0	0	<b>530</b>
2005 LTGO Capital Project Fund	0	22,400	0	0	0	0	0	0	<b>22,400</b>
2006 LTGO Capital Project Fund	0	0	1,854	0	0	0	0	0	<b>1,854</b>
Beach Maintenance Trust Fund	131	535	20	0	0	0	0	0	<b>686</b>
Community Development Block Grant Fund	4,878	927	508	0	0	0	0	0	<b>6,313</b>
Conservations Future Fund	170	830	0	0	0	0	0	0	<b>1,000</b>
Cumulative Reserve Subfund - REET I Subaccount	4,157	5,156	4,290	2,290	2,290	2,290	2,290	2,290	<b>25,053</b>
Cumulative Reserve Subfund - REET II Subaccount	13,879	8,944	7,519	1,166	1,200	0	0	0	<b>32,708</b>
Cumulative Reserve Subfund - Street Vacation Subaccount	0	50	0	0	0	0	0	0	<b>50</b>
Cumulative Reserve Subfund - Unrestricted Subaccount	3,923	4,457	1,429	0	0	0	0	0	<b>9,809</b>
Emergency Subfund	148	0	0	0	0	0	0	0	<b>148</b>
Gasworks Park Contamination Remediation Fund	474	608	0	0	0	0	0	0	<b>1,082</b>
Park and Recreation Operating Fund	116	5,299	326	330	328	329	327	329	<b>7,384</b>
Seattle Center Capital Reserve Subfund	0	0	2,100	0	0	0	0	0	<b>2,100</b>
Shoreline Park Improvement Fund	1,112	4,308	1,645	230	0	500	0	0	<b>7,795</b>
To Be Determined	553	9	14,202	30,232	5,872	726	719	601	<b>52,914</b>

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

**Parks & Recreation**

**Fund Summary**

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Department Total</b>	42,332	109,229	54,652	45,160	10,101	3,845	3,336	3,220	271,875

*\*Amounts in thousands of dollars*

# Parks & Recreation

## 37th Ave. S Park Development (John C. Little, Sr. Park)

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 2nd Quarter 2003  
**Project ID:** K733058 **End Date:** 3rd Quarter 2006

**Location:** 3551 S Holly St.

**Neighborhood Plan:** Martin Luther King, Jr. @ Holly Street **Neighborhood Plan Matrix:** F-1

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, improves a portion of a 5.8-acre park (recently renamed John C. Little, Sr. Park) that is part of Seattle Housing Authority's (SHA) NewHolly development. SHA developed the first phase of improvements to the park and this project implements the second phase. Specific improvements may include a courtyard with picnic tables, landscaping, and additions to the children's play area. This project is working within the budget identified below and other non-levy fund sources that become available.

The Department agreed to a request from the Seattle Housing Authority (SHA) to postpone construction until November 2005. Parks, SHA and the Department of Neighborhoods' P-Patch program are extending an agreement that allows the Market Garden to continue interim operations on the unimproved portion of 37th Avenue. S. It is anticipated that SHA will move the garden at the end of October 2005. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	53	496	0	0	0	0	0	0	549
<b>Project Total:</b>	53	496	0	0	0	0	0	0	549
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	53	496	0	0	0	0	0	0	549
<b>Appropriations Total*</b>	53	496	0	0	0	0	0	0	549
<b>O &amp; M Costs (Savings)</b>			4	8	8	9	9	9	47
<b>Spending Plan</b>		120	376	0	0	0	0	0	496

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

# Parks & Recreation

## Amy Yee Tennis Center

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** Improved Facility    **Start Date:** 4th Quarter 2005  
**Project ID:** K733224    **End Date:** 3rd Quarter 2006

**Location:** 2000 M L King Wy S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** North Rainier

This project, part of the 2000 Parks Levy, renovates the outdoor tennis courts at the Amy Yee Tennis Center and builds two new tennis courts. In 2005, the 2000 Parks Levy Oversight Committee recommended this project for funding from the levy program's Opportunity Fund. In addition to the levy funding, community sponsors of this project are seeking an additional \$20,000 in funding from private contributions and grant sources. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	0	0	0	0	0	0	200
To Be Determined	0	0	20	0	0	0	0	0	20
<b>Project Total:</b>	0	200	20	0	0	0	0	0	220
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	200	0	0	0	0	0	0	200
<b>Appropriations Total*</b>	0	200	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			1	3	3	3	3	3	16
<b>Spending Plan</b>		0	220	0	0	0	0	0	220

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

# Parks & Recreation

## Aquarium - Exhibit Renovations

**BCL/Program Name:** Seattle Aquarium Projects  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** K732107

**BCL/Program Code:** K72448  
**Start Date:** 1st Quarter 2001  
**End Date:** 1st Quarter 2006

**Location:** 1483 Alaskan Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

This project funds repairs and improvements to existing exhibits, including installation of replacement graphics and signs, updated lighting systems to improve viewing, new life support systems to improve water quality, and replacement of tank stands, tanks, audio visual equipment, exhibit elements and specimens. In 2005, this project provided funding for the renovation of the Marine Mammal Viewing Area for the new Family Orca Center.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	202	2	0	0	0	0	0	0	204
Property Sales and Interest Earnings	0	75	75	0	0	0	0	0	150
<b>Project Total:</b>	202	77	75	0	0	0	0	0	354
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	202	2	0	0	0	0	0	0	204
Cumulative Reserve Subfund - Unrestricted Subaccount	0	75	75	0	0	0	0	0	150
<b>Appropriations Total*</b>	202	77	75	0	0	0	0	0	354
<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 in thousands of dollars.

# Parks & Recreation

## Aquarium - Pier 59 Piling 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> 3rd Quarter 2003
<b>Project ID:</b> K732202	<b>End Date:</b> 3rd Quarter 2006

**Location:** 1483 Alaskan Wy.

<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 originally included removal and replacement of deteriorated pilings, pile caps, sub-caps, and stringers supporting the decking on Pier 59. In 2003, an extensive evaluation of the pier was completed by Seattle Structural, a private consulting firm. The evaluation indicated the pier's entire piling system should be replaced. This CIP project fully funds this comprehensive repair including demolition and reconstruction of the deteriorated pier as well as reconstruction of the east end (facing Alaskan Way) of the pier shed. Existing wood pilings are replaced with long-lasting and corrosion-resistant stainless steel pilings and trusses. The project includes \$2.4 million for reconstruction of the pier shed, including a second floor balcony, stairs, and interior walls (ready for final finishes), installation of an elevator, and public restrooms. In 2006, an additional \$1.8 million is added to the project (financed with Long Term General Obligation bonds, and shown in the table below). The additional debt is reflected by an associated increase in REET funding for the Aquarium Pier 59 Piling Replacement Debt Service project (K732283).

This project anticipates \$13.7 million in private or other public funding to be raised by the Seattle Aquarium Society (SEAS) to fund redevelopment of the Aquarium facility, including a new visitor entrance, an entry exhibit hall, one other unspecified major exhibit, and relocation of concession facilities and other visitor amenities.

In early 2005, the City Council passed Resolution 30737 authorizing the Department to enter into a Memorandum of Agreement (MOA) between the City and the Seattle Aquarium Society (SEAS) and rescinding a previous MOA regarding the City's partnership with SEAS. The new MOA reflects a change in the City's financial commitment to the development of the new Aquarium. In lieu of a cash contribution to the Aquarium redevelopment, the City is funding this infrastructure replacement project, including the improvements described above.

On November 4, 2004, 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	2005	2006	2007	2008	2009	2010	2011	Total
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*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts in thousands of dollars.*

## Parks & Recreation

### Revenue Sources

General Obligation Bonds	0	22,400	0	0	0	0	0	0	22,400
General Obligation Bonds	0	0	1,854	0	0	0	0	0	1,854
Real Estate Excise Tax II	1,129	289	0	0	0	0	0	0	1,418
Miscellaneous Grants or Donations	175	48	0	0	0	0	0	0	223

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**Project Total:** 1,304 22,737 1,854 0 0 0 0 0 25,895

### Fund Appropriations/Allocations

2005 LTGO Capital Project Fund	0	22,400	0	0	0	0	0	0	22,400
2006 LTGO Capital Project Fund	0	0	1,854	0	0	0	0	0	1,854
Cumulative Reserve Subfund - REET II Subaccount	1,129	289	0	0	0	0	0	0	1,418
Cumulative Reserve Subfund - Unrestricted Subaccount	175	48	0	0	0	0	0	0	223

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**Appropriations Total\*** 1,304 22,737 1,854 0 0 0 0 0 25,895

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

**Spending Plan** 15,100 9,491 0 0 0 0 0 24,591

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

# Parks & Recreation

## Aquarium Pier 59 Piling Replacement Debt Service

**BCL/Program Name:** Debt Service and Contract Obligation

**BCL/Program Code:** K72440

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2005

**Project ID:** K732283

**End Date:** Ongoing

**Location:** 1483 Alaskan Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

This project funds debt service payments on 20-year Limited Tax General Obligation (LTGO) bonds issued in 2005 to pay for the replacement of the entire pier piling system of Pier 59 (see Aquarium - Pier 59 Piling Replacement Project, K732202). A portion of the \$22.4 million bond issuance (\$2.4 million) is for interior infrastructure improvements for the renovated Pier 59 shed. Debt repayment on this portion of the bond issuance is to be paid from revenues from future concessions at the Aquarium which will be managed by the Seattle Aquarium Society. An additional \$1.8 million of LTGO is added to the Aquarium Pier 59 Piling Replacement Project (K32202) in 2006, resulting in an additional \$56,000 in annual debt service, reflected in the table below.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	566	1,690	1,690	1,690	1,690	1,690	1,690	10,706
Real Estate Excise Tax II	0	0	56	166	0	0	0	0	222
Concession Revenues	0	68	207	207	207	207	207	207	1,310
<b>Project Total:</b>	0	634	1,953	2,063	1,897	1,897	1,897	1,897	12,238
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	566	1,690	1,690	1,690	1,690	1,690	1,690	10,706
Cumulative Reserve Subfund - REET II Subaccount	0	0	56	166	0	0	0	0	222
Park and Recreation Operating Fund	0	68	207	207	207	207	207	207	1,310
<b>Appropriations Total*</b>	0	634	1,953	2,063	1,897	1,897	1,897	1,897	12,238
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## Atlantic City Boat Ramp and Pier Repair

**BCL/Program Name:** Docks/Piers/Floats/Seawalls/Shorelines

**BCL/Program Code:** K72447

**Project Type:** Rehabilitation or Restoration

**Start Date:** 4th Quarter 2001

**Project ID:** K732098

**End Date:** 4th Quarter 2006

**Location:** 8702 Seward Park Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Rainier Beach

This project renovates the Atlantic City Boat Ramp and Pier by replacing damaged concrete ramps and fixed piers, extending floats to efficiently accommodate operations, and repaving the parking lot. Other improvements include upgrades to the shoreline. These improvements extend the useful life of the ramp and pier, and avoid more costly repairs in the future. A 2002 grant from the Interagency Committee for Outdoor Recreation (IAC) in the amount of \$36,000 to pay for design and permitting costs reimburses the appropriation from the CRF - Unrestricted Subaccount included in Ordinance 120740. Another IAC grant in the amount of \$700,000 to pay for construction reimburses the appropriation from the CRF - Unrestricted Subaccount, and was included in Ordinance 121489, a piece of supplemental budget legislation in June 2004. In late 2004, the initial construction bids for this project exceeded the budget. The project was re-scoped in 2005, and is planned to be re-bid in 2006.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	130	425	0	0	0	0	0	0	555
State Grant Funds	36	700	0	0	0	0	0	0	736
<b>Project Total:</b>	166	1,125	0	0	0	0	0	0	1,291
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	130	425	0	0	0	0	0	0	555
Cumulative Reserve Subfund - Unrestricted Subaccount	36	700	0	0	0	0	0	0	736
<b>Appropriations Total*</b>	166	1,125	0	0	0	0	0	0	1,291
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		100	1,025	0	0	0	0	0	1,125

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# Parks & Recreation

## Ballard Commons Park (formerly Ballard Municipal Center)

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 1st Quarter 2002  
**Project ID:** K733063 **End Date:** 1st Quarter 2006

**Location:** 20th Ave. NW/NW 57th St.

**Neighborhood Plan:** Crown Hill/Ballard

**Neighborhood Plan Matrix:** BMC3

**Neighborhood District:** Ballard

**Urban Village:** Ballard

This project, part of the 2000 Parks Levy, provides for the development of land purchased by the Fleets & Facilities Department into a new 1.4-acre park in the Ballard Civic Center. The civic center concept, which emerged as a priority in the Ballard/Crown Hill Neighborhood Plan, also calls for a 15,000-square-foot library and a Neighborhood Service Center (NSC). The library and the co-located NSC were completed in spring 2005. Funds for overall site planning and the purchase of property to be developed into a future park were included in the 2003-2008 Fleets & Facilities CIP (project A51705); that project is no longer included in the CIP, as funds were fully spent.

Improvements include a large open space designed for flexible uses ranging from individual relaxation and play to civic gatherings, festivals, and public concerts. The park also includes a new skate feature and possibly a water feature. In 2005, Ordinance 121796 transferred \$33,000 from the Seattle Department of Transportation for curb and pedestrian enhancements. The enhancements are intended to match the library's design. At the completion of the site's development into a park, the Department of Parks and Recreation assumes responsibility for operations and maintenance costs; such costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	332	2,142	0	0	0	0	0	0	2,474
Street Vacations	0	33	0	0	0	0	0	0	33
<b>Project Total:</b>	332	2,175	0	0	0	0	0	0	2,507
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	332	2,175	0	0	0	0	0	0	2,507
<b>Appropriations Total*</b>	332	2,175	0	0	0	0	0	0	2,507
<b>O &amp; M Costs (Savings)</b>			29	32	33	33	34	34	195
<b>Spending Plan</b>		1,975	200	0	0	0	0	0	2,175

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# Parks & Recreation

## Ballard Pocket Park

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** New Facility    **Start Date:** 1st Quarter 2005  
**Project ID:** K733225    **End Date:** 3rd Quarter 2007

**Location:** 17th NW/NW 63rd

**Neighborhood Plan:** Crown Hill/Ballard

**Neighborhood Plan Matrix:** III OS-15

**Neighborhood District:** Ballard

**Urban Village:** Ballard

This project, part of the 2000 Parks Levy, develops a 5,000-square-foot site into a park. This site was purchased in 2004 with funding from the 2000 Parks Levy Opportunity Fund. The current design of this new park includes paving, paths, grading, irrigation, electrical infrastructure, signage, benches, site furniture, fencing and landscaping. In 2005, the 2000 Parks Levy Oversight Committee recommended this development project for funding from the Levy program's Opportunity Fund. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	150	0	0	0	0	0	0	150
<b>Project Total:</b>	0	150	0	0	0	0	0	0	150
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	150	0	0	0	0	0	0	150
<b>Appropriations Total*</b>	0	150	0	0	0	0	0	0	150
<b>O &amp; M Costs (Savings)</b>			0	3	14	14	14	14	59
<b>Spending Plan</b>		0	20	130	0	0	0	0	150

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# Parks & Recreation

## Ballard Pool - HVAC System and Boiler Replacement

**BCL/Program Name:** Pools/Natatorium Renovations

**BCL/Program Code:** K72446

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2004

**Project ID:** K732206

**End Date:** 3rd Quarter 2006

**Location:** 1471 NW 67th St.

**Neighborhood Plan:** Crown Hill/Ballard

**Neighborhood Plan Matrix:** II OS11

**Neighborhood District:** Ballard

**Urban Village:** Ballard

This project provides a comprehensive functional design and retrofit of the HVAC system at Ballard Pool to meet adopted air change safety standards. The State Board of Health requires that water recreation facilities meet American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE) standards of eight air changes per hour. The existing ventilation system has an inoperative refrigerant heat recovery system that requires unusually high maintenance. In 2005, the boiler at the Ballard Pool failed and was temporarily repaired. The 2006 budget includes additional funding to replace the boiler. The HVAC system project will be delayed in order to coordinate the timing of the closure of the pool with the boiler replacement project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	654	0	0	0	0	0	0	654
Real Estate Excise Tax II	22	90	225	0	0	0	0	0	337
<b>Project Total:</b>	22	744	225	0	0	0	0	0	991
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	654	0	0	0	0	0	0	654
Cumulative Reserve Subfund - REET II Subaccount	22	90	225	0	0	0	0	0	337
<b>Appropriations Total*</b>	22	744	225	0	0	0	0	0	991
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		53	916	0	0	0	0	0	969

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## 2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## Ballfields - Minor Capital Improvements

**BCL/Program Name:** Ballfields/Athletic Courts/Play Areas

**BCL/Program Code:** K72445

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 1999

**Project ID:** K73507

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project provides for small-scale renovations and minor improvements to athletic fields throughout the City. Typical improvements include repairs to fencing and backstops, renovations to dugouts and playing surfaces, modifications and improvements to irrigation systems, and replacement of goal posts and nets. A \$100,000 grant from the Interagency Committee for Outdoor Recreation reimburses the appropriation from the CRF – Unrestricted Subaccount made in the second quarter 2005 Supplemental Ordinance (121556). In 2005 and 2006 the project provides \$125,000 per year for American Disabilities Act improvements related to access, drinking fountains, and other field elements. A \$25,000 grant from the National Football League Grassroots Program for Rainier Playfield and a \$50,000 grant from the King County Youth Sports Facility Grant for Fort Lawton Playfield were appropriated in the first quarter 2005 Supplemental Ordinance (121796), and are shown in the fund table below. Future funding for this project depends on specific projects and available resources.

The Life-to-Date budget reflected below has been revised to correct an error in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	62	63	0	0	0	0	0	125
King County Funds	0	50	0	0	0	0	0	0	50
Miscellaneous Grants or Donations	0	25	0	0	0	0	0	0	25
Property Sales and Interest Earnings	726	199	62	0	0	0	0	0	987
State Grant Funds	0	100	0	0	0	0	0	0	100
<b>Project Total:</b>	726	436	125	0	0	0	0	0	1,287
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	62	63	0	0	0	0	0	125
Cumulative Reserve Subfund - Unrestricted Subaccount	726	374	62	0	0	0	0	0	1,162
<b>Appropriations Total*</b>	726	436	125	0	0	0	0	0	1,287
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		275	250	36	0	0	0	0	561

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# Parks & Recreation

## Bellevue Substation Development (or Alternate Site)

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 1st Quarter 2006  
**Project ID:** K733064 **End Date:** 4th Quarter 2008

**Location:** 210 Bellevue Ave. E

**Neighborhood Plan:** Capitol Hill

**Neighborhood Plan Matrix:** D5

**Neighborhood District:** East District

**Urban Village:** Capitol Hill

This project, part of the 2000 Parks Levy, develops the Bellevue Substation, or an alternate site that may be better suited to park uses, into a neighborhood park. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	44	187	0	0	0	0	231
<b>Project Total:</b>	0	0	44	187	0	0	0	0	231
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	44	187	0	0	0	0	231
<b>Appropriations Total*</b>	0	0	44	187	0	0	0	0	231
<b>O &amp; M Costs (Savings)</b>			0	0	0	14	14	14	42
<b>Spending Plan</b>		0	40	75	116	0	0	0	231

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

# Parks & 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> 3rd Quarter 2000
<b>Project ID:</b> K73484	<b>End Date:</b> On hold

**Location:** 2407 1st Ave.

**Neighborhood Plan:** Belltown

**Neighborhood Plan Matrix:** KS2.2

**Neighborhood District:** Downtown

**Urban Village:** Belltown

This project, part of the 1999 Seattle Center and Community Centers Levy, was intended to fund 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. The community center space fronting the street was intended to serve as a civic focal point for the Belltown area. Potential improvements included a multi-purpose room, kitchen and spaces for classes, community meetings, and celebrations. The Low Income Housing Institute (LIHI) was a lead partner in this project, known as the Belltown View, which was expected to be located at 2407 1st Ave. However, LIHI has been unable to raise the necessary funding to complete the project. The project is now on hold until an alternate site can be determined. Estimates of future operating costs reflect the costs of programming and maintenance staff for this new facility based upon the revised 2003 levy fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	64	1,846	0	0	0	0	0	0	1,910
<b>Project Total:</b>	64	1,846	0	0	0	0	0	0	1,910
<b>Fund Appropriations/Allocations</b>									
1999 Seattle Center and Community Center Levy Fund	64	1,846	0	0	0	0	0	0	1,910
<b>Appropriations Total*</b>	64	1,846	0	0	0	0	0	0	1,910
<b>O &amp; M Costs (Savings)</b>			0	334	343	353	365	376	1,771
<b>Spending Plan</b>		2	844	1,000	0	0	0	0	1,846

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

# Parks & Recreation

## Boren-Pike-Pine Park - Redevelopment

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2001

**Project ID:** K733067

**End Date:** 1st Quarter 2006

**Location:** 1533 Boren Ave.

**Neighborhood Plan:** Pike/Pine

**Neighborhood Plan Matrix:** WE 1.0

**Neighborhood District:** East District

**Urban Village:** Pike/Pine

This project, part of the 2000 Parks Levy, improves Boren-Pike-Pine Park (also known as "Four Columns Park"), a 0.6-acre, highly urbanized location along Interstate 5 on Capitol Hill. Improvements include new landscaping, lighting, gathering places, and a dog off-leash area. This property is owned by the State of Washington and will be leased by the City. Project funding includes a \$250,000 donation from the State of Washington as part of a mitigation agreement related to the construction of the Convention Center. The Pike-Pine Urban Neighborhood Council (P-PUNC) gave input to the City on the use of the mitigation funds. The state funding reimburses a 2004 supplemental appropriation from the 2000 Parks Levy Fund (Ordinance 121557). Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	265	560	0	0	0	0	0	0	825
State Grant Funds	0	250	0	0	0	0	0	0	250
<b>Project Total:</b>	265	810	0	0	0	0	0	0	1,075
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	265	810	0	0	0	0	0	0	1,075
<b>Appropriations Total*</b>	265	810	0	0	0	0	0	0	1,075
<b>O &amp; M Costs (Savings)</b>			23	24	24	25	26	27	149
<b>Spending Plan</b>		735	75	0	0	0	0	0	810

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

# Parks & Recreation

## Brandon Mini-Park Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 1st Quarter 2004  
**Project ID:** K733069 **End Date:** 2nd Quarter 2006

**Location:** 26th Ave. SW/SW Brandon St.

**Neighborhood Plan:** Delridge

**Neighborhood Plan Matrix:** 1-A-19

**Neighborhood District:** Delridge

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, converts an existing under-developed 1.1-acre property owned by the City into a neighborhood park that will likely feature an open space turf area and plaza. The scope of work for this project was developed through a community process, working within the budget identified below and other non-levy fund sources that become available. In 2005, project bids came in higher than anticipated. The scope of the project may be revised to reduce the cost, and actual construction will be delayed. Operations and maintenance costs associated with levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	16	550	0	0	0	0	0	0	566
<b>Project Total:</b>	16	550	0	0	0	0	0	0	566
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	16	550	0	0	0	0	0	0	566
<b>Appropriations Total*</b>	16	550	0	0	0	0	0	0	566
<b>O &amp; M Costs (Savings)</b>			13	17	17	18	18	19	102
<b>Spending Plan</b>		200	350	0	0	0	0	0	550

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# Parks & Recreation

## Brighton Playfield and Science Park

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund **BCL/Program Code:** K723008  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 2005  
**Project ID:** K733226 **End Date:** 2nd Quarter 2007

**Location:** 6000 39th Av S

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Southeast **Urban Village:** MLK Jr. @ Holly

This project, part of the 2000 Parks Levy, develops new interactive science elements at this existing 13.6-acre park. In 2005, the 2000 Parks Levy Oversight Committee recommended this project for funding from the Levy program's Opportunity Fund. Operations and maintenance costs associated with Levy projects are to be funded out of Levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	100	0	0	0	0	0	0	100
<b>Project Total:</b>	0	100	0	0	0	0	0	0	100
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	100	0	0	0	0	0	0	100
<b>Appropriations Total*</b>	0	100	0	0	0	0	0	0	100
<b>O &amp; M Costs (Savings)</b>			0	6	12	12	13	13	56
<b>Spending Plan</b>		0	20	80	0	0	0	0	100

## Burke-Gilman University Area Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2006  
**Project ID:** K733070 **End Date:** 1st Quarter 2008

**Location:** Various

**Neighborhood Plan:** University **Neighborhood Plan Matrix:** D36  
**Neighborhood District:** Northeast **Urban Village:** University District

This project, part of the 2000 Parks Levy, upgrades the area around the Burke-Gilman Trail near the University Bridge, I-5 Bridge, and Peace Park. Upgrades include improvements to the landscaping and paths in these areas. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	21	82	0	0	0	0	103
<b>Project Total:</b>	0	0	21	82	0	0	0	0	103
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	21	82	0	0	0	0	103
<b>Appropriations Total*</b>	0	0	21	82	0	0	0	0	103
<b>O &amp; M Costs (Savings)</b>			0	0	5	11	11	11	38
<b>Spending Plan</b>		0	21	52	30	0	0	0	103

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

## 2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## California Substation - Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 3rd Quarter 2002  
**Project ID:** K733071 **End Date:** 1st Quarter 2006

**Location:** 4303 SW Dakota St.

**Neighborhood Plan:** West Seattle Junction (FOJ)

**Neighborhood Plan Matrix:** NT-24

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, develops the substation site, which was acquired in 2005, into a 0.34-acre park. The project will rehabilitate the building to create indoor activity space. In 2004, the Friends of California Substation received a Neighborhood Matching Fund grant of \$15,000 to design the park (not reflected in the funding table below). Environmental cleanup of the building and west yard was completed in late spring 2005. The City of Seattle Landmarks Preservation Board has issued a Certificate of Approval for the redevelopment plans. Unknown structural deterioration of the existing window frames has delayed the Department's submittal of required Department of Planning and Development permits. Parks is actively working to resolve all issues arising from the need to replace the existing deteriorated window frames with historically correct "new window frames". Because of the window frame delay, construction is now anticipated to start by late fall 2005.

Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008. The O&M funding identified below provides for grounds maintenance and does not include costs to operate or maintain a new building. A program plan is being developed for the building; the Department expects program and/or rental fees to fund operation costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	148	440	0	0	0	0	0	0	588
<b>Project Total:</b>	148	440	0	0	0	0	0	0	588
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	148	440	0	0	0	0	0	0	588
<b>Appropriations Total*</b>	148	440	0	0	0	0	0	0	588
<b>O &amp; M Costs (Savings)</b>			22	24	24	25	25	26	146
<b>Spending Plan</b>		370	70	0	0	0	0	0	440

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

# Parks & Recreation

## Capitol Hill Park Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** New Facility

**Start Date:** 1st Quarter 2007

**Project ID:** K733072

**End Date:** 4th Quarter 2008

**Location:** TBD

**Neighborhood Plan:** Capitol Hill

**Neighborhood Plan Matrix:** CC1

**Neighborhood District:** East District

**Urban Village:** Capitol Hill

This project, part of the 2000 Parks Levy, develops one or two sites listed in the Capitol Hill neighborhood plan into park space. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	73	290	0	0	0	363
<b>Project Total:</b>	0	0	0	73	290	0	0	0	363
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	0	73	290	0	0	0	363
<b>Appropriations Total*</b>	0	0	0	73	290	0	0	0	363
<b>O &amp; M Costs (Savings)</b>			0	0	0	29	29	30	88
<b>Spending Plan</b>		0	0	70	293	0	0	0	363

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

**2006-2011 Proposed Capital Improvement Program**

# Parks & Recreation

## Cascade People's Center

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** Rehabilitation or Restoration    **Start Date:** 4th Quarter 2005  
**Project ID:** K733227    **End Date:** 3rd Quarter 2008

**Location:** 309 Pontius Ave N

**Neighborhood Plan:** Not in a Neighborhood Plan    **Neighborhood Plan Matrix:** NA  
**Neighborhood District:** Lake Union    **Urban Village:** South Lake Union

This project, part of the 2000 Parks Levy, provides funding to make safety and "green" improvements to an existing building located within Cascade Park. In 2003, the Cascade Neighborhood Council was awarded \$100,000 in Neighborhood Matching Funds (NMF) (not reflected in funding table below). In addition to Levy and NMF funding, community sponsors of this project are seeking approximately \$1.3 million in additional funding from private contributions and various grant sources. In 2005, the 2000 Parks Levy Oversight Committee recommended this project for funding from the Levy programs Opportunity Fund. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	250	0	0	0	0	0	0	250
To Be Determined	0	0	1,330	0	0	0	0	0	1,330
<b>Project Total:</b>	0	250	1,330	0	0	0	0	0	1,580
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	250	0	0	0	0	0	0	250
<b>Appropriations Total*</b>	0	250	0	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	2	9	9	9	29
<b>Spending Plan</b>		0	0	350	1,230	0	0	0	1,580

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# Parks & Recreation

## Cesar Chavez Park

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** New Facility    **Start Date:** 4th Quarter 2005  
**Project ID:** K733228    **End Date:** 3rd Quarter 2006

**Location:** 7th Ave S./S. Cloverdale

**Neighborhood Plan:** South Park

**Neighborhood Plan Matrix:** LT6, LT75

**Neighborhood District:** Greater Duwamish

**Urban Village:** South Park

This project, part of the 2000 Parks Levy, develops a 21,000-square-foot new park in the South Park area of Seattle. Improvements may include adding a plaza, seating and new landscaping. In 2004, the Cesar Chavez Park Steering Committee received \$100,000 from the Neighborhood Matching Fund (NMF) (not reflected in the funding table below) to support the park development. In addition to the Levy and NMF funding, community sponsors of this project are seeking additional funding from private contributions and various grant sources. In 2005, the Parks Levy Oversight Committee recommended this project for funding from the Levy program's Opportunity Fund. Operations and maintenance costs associated with levy projects are to be funded out of Levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	100	0	0	0	0	0	0	100
To Be Determined	0	0	236	0	0	0	0	0	236
<b>Project Total:</b>	0	100	236	0	0	0	0	0	336
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	100	0	0	0	0	0	0	100
<b>Appropriations Total*</b>	0	100	0	0	0	0	0	0	100
<b>O &amp; M Costs (Savings)</b>			4	17	18	18	18	19	94

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# Parks & Recreation

## City Hall Park Restoration

<b>BCL/Program Name:</b> Parks Infrastructure	<b>BCL/Program Code:</b> K72441
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> K732297	<b>End Date:</b> 1st Quarter 2007

**Location:** 450 3rd Ave.

**Neighborhood Plan:** DUCPG (Downtown Urban Center Planning Group)      **Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Downtown      **Urban Village:** Pioneer Square

This project implements improvements associated with transforming City Hall Park, located directly south of the King County Courthouse, into an attractive gateway to downtown Seattle. The scope of work for this project had been developed through a community process in 2005, with consideration for potential impacts on nearby parks (Prefontaine Fountain Plaza, Fortson Square, Occidental Park, and Pioneer Square Park). This project is part of the Mayor's initiative to transform Seattle's downtown parks into vibrant, attractive public spaces. The proposed scope of the project was completed in 2005. The 2006 CIP includes \$400,000 in funding to implement improvements to the park.

Operation and maintenance costs for this park will be determined when the scope of the new improvements has been finalized.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	100	400	0	0	0	0	0	500
<b>Project Total:</b>	0	100	400	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	100	400	0	0	0	0	0	500
<b>Appropriations Total*</b>	0	100	400	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		90	300	110	0	0	0	0	500

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# Parks & 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> 4th Quarter 2003
<b>Project ID:</b> K732204	<b>End Date:</b> 1st Quarter 2009

**Location:** 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> Central	<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 and restores the site. Funding is provided as a result of a legal settlement. The settlement is divided into four payments, three totaling \$200,000 paid in 2003 and a final payment of \$300,000 in 2005. The 2003 appropriation was included in the June 2003 Supplemental Ordinance 121205. Payments reimburse the appropriation made from the CRF-Unrestricted subaccount (originally identified as the Park and Recreation Fund); the fund source correction was included in the November 2003 Supplemental Ordinance 121349. The \$300,000 payment that was due in 2005 will be appropriated in a subsequent supplemental ordinance when funds are received, however, the landowner is currently contesting the settlement. Depending on the outcome and timing of this action, this project may be delayed or revised.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Private Funding/Donations	84	116	0	0	0	0	0	0	200
Private Funding/Donations	0	0	300	0	0	0	0	0	300
<b>Project Total:</b>	84	116	300	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	84	116	0	0	0	0	0	0	200
<b>Appropriations Total*</b>	84	116	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		116	75	75	75	75	0	0	416

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# Parks & Recreation

## Colman School Parking Lot Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2002

**Project ID:** K733076

**End Date:** 1st Quarter 2006

**Location:** 1515 24th Ave. S

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, improves the Colman School parking lot (an unused, 20,000-square-foot, asphalt area near I-90 that is currently fenced off) with new paving, landscaping, and connections to Sam Smith Park. A community process to develop the scope of the work identified goals of creating a parking lot that is more pedestrian and neighborhood friendly, and that provides access to old Colman School and Sam Smith Park. Construction of the parking lot began in the spring of 2005 and is expected to be completed by the end of 2005, with closeout of the project continuing into 2006. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	77	232	0	0	0	0	0	0	309
<b>Project Total:</b>	77	232	0	0	0	0	0	0	309
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	77	232	0	0	0	0	0	0	309
<b>Appropriations Total*</b>	77	232	0	0	0	0	0	0	309
<b>O &amp; M Costs (Savings)</b>			7	8	8	8	8	9	48
<b>Spending Plan</b>		217	15	0	0	0	0	0	232

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# Parks & Recreation

## Columbia Park Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2005  
**Project ID:** K733077 **End Date:** 1st Quarter 2007

**Location:** 4721 Rainier Ave. S

**Neighborhood Plan:** Columbia City/Hillman City

**Neighborhood Plan Matrix:** A1-d

**Neighborhood District:** Southeast

**Urban Village:** Columbia City

This project, part of the 2000 Parks Levy, improves Columbia Park by enhancing the landscaping and other park amenities. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. In 2005, an additional \$42,000 was added to the budget to cover the inflation allowance associated with the named Neighborhood Park Development projects. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	68	283	0	0	0	0	0	351
<b>Project Total:</b>	0	68	283	0	0	0	0	0	351
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	68	283	0	0	0	0	0	351
<b>Appropriations Total*</b>	0	68	283	0	0	0	0	0	351
<b>O &amp; M Costs (Savings)</b>			3	18	18	19	19	19	96
<b>Spending Plan</b>		63	240	48	0	0	0	0	351

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# Parks & Recreation

## Contracting Cost Allocation

**BCL/Program Name:** Debt Service and Contract Obligation      **BCL/Program Code:** K72440  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** K732235      **End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project funds the Department's portion of the cost of the City's central Contracting Services Unit. The project also funds the Department's contribution to the development of a small, economically disadvantaged business assistance program, established via Ordinance 120888, adopted in August 2002. These costs are allocated to all City departments carrying out a capital improvement program. Beginning in 2005, 2000 Parks Levy funds cover a portion of these contracting costs. The Department intends to use fund balance from excess interest earnings from the levy proceeds to cover these costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	231	239	0	0	0	0	0	470
Property Sales and Interest Earnings	383	169	171	0	0	0	0	0	723
General Subfund Revenues	42	0	0	0	0	0	0	0	42
<b>Project Total:</b>	425	400	410	0	0	0	0	0	1,235
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	231	239	0	0	0	0	0	470
Cumulative Reserve Subfund - Unrestricted Subaccount	383	169	171	0	0	0	0	0	723
Park and Recreation Operating Fund	42	0	0	0	0	0	0	0	42
<b>Appropriations Total*</b>	425	400	410	0	0	0	0	0	1,235
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## Crown Hill School Open Space Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 2nd Quarter 2005  
**Project ID:** K733080 **End Date:** 4th Quarter 2007

**Location:** Holman Rd NW/13th Ave. NW

**Neighborhood Plan:** Crown Hill/Ballard

**Neighborhood Plan Matrix:** III OS7

**Neighborhood District:** Ballard

**Urban Village:** Crown Hill

This project, part of the 2000 Parks Levy, develops usable open space and improves playfields at Crown Hill School. The scope of work for this project is to be developed through negotiations with the Seattle Public Schools (the property owner), and a community process, working within the budget identified below and other non-levy fund sources that become available. In 2005, an additional \$144,000 was added to the budget to cover the inflation allowance associated with the named Neighborhood Park Development projects. Operations and maintenance costs associated with 2000 Parks Levy projects can be funded out of levy proceeds through 2008. Funding for ongoing operations and maintenance is to be negotiated with the Seattle Public Schools.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	181	865	0	0	0	0	0	1,046
<b>Project Total:</b>	0	181	865	0	0	0	0	0	1,046
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	181	865	0	0	0	0	0	1,046
<b>Appropriations Total*</b>	0	181	865	0	0	0	0	0	1,046
<b>O &amp; M Costs (Savings)</b>			0	10	31	32	32	33	138
<b>Spending Plan</b>		15	200	831	0	0	0	0	1,046

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# Parks & Recreation

## Dexter Pit Park Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 2nd Quarter 2006  
**Project ID:** K733081 **End Date:** 4th Quarter 2008

**Location:** Dexter Ave. N/McGraw Ave.

**Neighborhood Plan:** Queen Anne

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, develops City-owned property into a neighborhood park. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	132	479	0	0	0	0	611
<b>Project Total:</b>	0	0	132	479	0	0	0	0	611
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	132	479	0	0	0	0	611
<b>Appropriations Total*</b>	0	0	132	479	0	0	0	0	611
<b>O &amp; M Costs (Savings)</b>			0	0	0	13	13	13	39
<b>Spending Plan</b>		0	100	400	111	0	0	0	611

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

# Parks & Recreation

## Discovery Park - Building 653 Demolition and Site Restoration

**BCL/Program Name:** West Point Settlement Projects  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** K731232

**BCL/Program Code:** K72982  
**Start Date:** 3rd Quarter 2005  
**End Date:** 1st Quarter 2006

**Location:** 3801 W Government Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project removes Building 653 and restores approximately 0.25 acres to natural conditions. This project was recommended by the West Point Citizens Advisory Committee (WPCAC) 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 for use of mitigation funds pursuant to Section 1. (d) of the West Point Settlement Agreement (Ordinance 121488). The project was postponed during negotiations regarding the acquisition of the Capehart property (see project K731231), and pending receipt of the funding from King County. Operations and maintenance costs resulting from this project are paid by the General Fund, per Ordinance 121488.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	250	0	0	0	0	0	0	250
<b>Project Total:</b>	0	250	0	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	250	0	0	0	0	0	0	250
<b>Appropriations Total*</b>	0	250	0	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			6	6	6	6	6	7	37
<b>Spending Plan</b>		0	250	0	0	0	0	0	250

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

# Parks & Recreation

## Discovery Park - Capehart Acquisition

**BCL/Program Name:** West Point Settlement Projects

**BCL/Program Code:** K72982

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2005

**Project ID:** K731231

**End Date:** 2nd Quarter 2008

**Location:** 3801 W Government Way

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project provides funding to acquire the United States Navy's Capehart housing property in Discovery Park. This acquisition will restore 23 acres of valuable open space and natural habitat in the heart of Discovery Park. 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).

In 2004, the West Point Citizens Advisory Committee recommended various projects for funding with the mitigation funds; these recommendations were revised in 2005 to provide \$2 million towards the acquisition of the Capehart housing property. In 2005, \$1.075 million of the \$2 million allocation was transferred to this project from the Discovery Park 500 Area, Historic District, and Visitors Center Habitat Restoration projects; in 2006, another \$925,000 is added to this project including funding originally designated for equipment purchase, the Chapel demolition, the North Forest Road removal, the North Meadow Area Restoration, the Historic District restoration and the visitors center habitat restoration projects. In addition to this funding, the Department has received tentative approval for a \$2.2 million grant in 2005 from the King County Conservation Futures program and will apply for another \$1.78 million grant from this program in 2006. Also in 2005, the Department applied for, but did not receive, a \$500,000 grant from the Washington State Interagency Committee for Outdoor Recreation (IAC); the Department intends to continue to apply for other funding sources to complete the acquisition.

As part of this project, housing on the site will be demolished; additional restoration work will be done under a separate project (K731242) Discovery Park - Capehart Restoration. Due to a combined need to wait for Navy personnel currently living on the property to be relocated and a need to secure all of the appropriate funding for the purchase, the Department does not intend to acquire the property until 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	1,075	925	0	0	0	0	0	2,000
State Grant Funds	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	2,725	5,405	0	0	0	0	8,130
<b>Project Total:</b>	0	1,075	3,650	5,405	0	0	0	0	10,130
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	1,075	925	0	0	0	0	0	2,000
<b>Appropriations Total*</b>	0	1,075	925	0	0	0	0	0	2,000
<b>O &amp; M Costs (Savings)</b>			0	0	16	22	22	23	83
<b>Spending Plan</b>		0	100	50	9,980	0	0	0	10,130

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

# Parks & Recreation

## Discovery Park - Capehart Site Restoration

**BCL/Program Name:** West Point Settlement Projects  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** K321242

**BCL/Program Code:** K72982  
**Start Date:** 1st Quarter 2009  
**End Date:** 4th Quarter 2010

**Location:** 3801 W Government Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project restores the Capehart property to be acquired in 2008 (see K731231). The project includes removing 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). The 2005 revision of the project list transferred \$400,000 in funding to this project from the Discovery Park Endowment Fund, and \$100,000 from the Forest Restoration Bird Alley and Rhododenron Glen projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	0	0	0	0	500	0	0	500
<b>Project Total:</b>	0	0	0	0	0	500	0	0	500
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	0	0	0	0	500	0	0	500
<b>Appropriations Total*</b>	0	0	0	0	0	500	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	250	250	0	500

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

# Parks & Recreation

## Discovery Park - Chapel Annex and Washington Ave. Demolition and Site Restoration

**BCL/Program Name:** West Point Settlement Projects  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** K731233

**BCL/Program Code:** K72982  
**Start Date:** 1st Quarter 2006  
**End Date:** 4th Quarter 2006

**Location:** 3801 W Government Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project removes the Chapel Annex and Washington Avenue at Discovery Park and restores approximately 0.12 acres to natural conditions. Funding for this project is a result of a mitigation settlement agreement between King County (Metro) and several citizens groups relative to the expansion of the West Point Treatment Plant (Ordinance 121488). This project was recommended by the West Point Citizens Advisory Committee (WPCAC) 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 for use of mitigation funds pursuant to Section 1. (d) of the West Point Settlement Agreement (Ordinance 121488). In 2005, the Chapel was designated an historic landmark. Operations and maintenance costs are associated with requisite maintenance of a landmark facility and are paid by the General Fund, per Ordinance 121488.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	0	50	0	0	0	0	0	50
<b>Project Total:</b>	0	0	50	0	0	0	0	0	50
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	0	50	0	0	0	0	0	50
<b>Appropriations Total*</b>	0	0	50	0	0	0	0	0	50
<b>O &amp; M Costs (Savings)</b>			10	10	11	11	12	12	66

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

# Parks & 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> 1st Quarter 2005
<b>Project ID:</b> K731241	<b>End Date:</b> 4th Quarter 2008

**Location:** 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. In 2005, the City received approval to acquire the Lighthouse at Discovery Park, and consequently, \$600,000 in the Discovery Park Contingency project has been transferred to the new Lighthouse Restoration project (K731243), as previously planned. The Department anticipates that at least one project recommended by the West Point Advisory Committee for funding by the Contingency and Opportunity Fund will be funded.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	200	0	0	0	0	0	0	200
<b>Project 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>Appropriations 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</b>		0	0	0	200	0	0	0	200

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

# Parks & Recreation

## Discovery Park - Lighthouse Restoration

**BCL/Program Name:** West Point Settlement Projects  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** K731243

**BCL/Program Code:** K72982  
**Start Date:** 1st Quarter 2006  
**End Date:** 4th Quarter 2007

**Location:** 3801 W Government Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project provides for the restoration of the West Point Lighthouse located at the westerly tip of Discovery Park. In 2003, The Department of Parks and Recreation received permission to submit an application to the United States Department of Interior to acquire the West Point Light Station (Ordinance 121184). The Department was approved for the acquisition, and will accept the deed for the Lighthouse in 2006. 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).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	0	600	0	0	0	0	0	600
<b>Project Total:</b>	0	0	600	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	0	600	0	0	0	0	0	600
<b>Appropriations Total*</b>	0	0	600	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		0	150	450	0	0	0	0	600

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

# Parks & Recreation

## Discovery Park - Nike Building Removal and Site Restoration

**BCL/Program Name:** West Point Settlement Projects

**BCL/Program Code:** K72982

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2005

**Project ID:** K731234

**End Date:** 4th Quarter 2007

**Location:** 3801 W Government Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project provides for the demolition or collapse and burial of the Nike Building at Discovery Park and for the restoration of approximately two acres to natural conditions. This project was recommended by the West Point Citizens Advisory Committee (WPCAC) 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 for use of mitigation funds pursuant to Section 1. (d) of the West Point Settlement Agreement (Ordinance 121488). The project was postponed during negotiations regarding the acquisition of the Capehart property (see project K731231), and pending receipt of the funding from King County. Operations and maintenance costs resulting from this project are paid by the General Fund, per Ordinance 121488.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	1,000	0	0	0	0	0	0	1,000
<b>Project Total:</b>	0	1,000	0	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Appropriations Total*</b>	0	1,000	0	0	0	0	0	0	1,000
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	6
<b>Spending Plan</b>		0	200	800	0	0	0	0	1,000

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

# Parks & Recreation

## Discovery Park - North Forest Road Removal

**BCL/Program Name:** West Point Settlement Projects  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** K731236

**BCL/Program Code:** K72982  
**Start Date:** 1st Quarter 2006  
**End Date:** 4th Quarter 2007

**Location:** 3801 W Government Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Magnolia/Queen Anne

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project removes the North Forest Road in Discovery Park, and restores the area to natural conditions. In some cases, utility revisions may be necessary to effect such removal, and in other cases, continued vehicle access is retained to provide access to utilities. Illinois Avenue in the North Bluff area is removed and replaced with a non-paved path or service road, where necessary. Kansas Avenue is closed and portions of the road removed, while still allowing for service vehicle access to utilities. Idaho Avenue is completely removed and closed. These roads and the old theater site adjacent to Idaho Avenue are restored with native plants.

This project was recommended by the West Point Citizens Advisory Committee (WPCAC) 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 for use of mitigation funds pursuant to Section 1. (d) of the West Point Settlement Agreement (Ordinance 121488). In 2005, with agreement from the WPCAC, the list of projects was revised to allow for funding of the Capehart property acquisition and restoration, and the budget for the North Forest Road Removal Project was reduced by \$50,000.

Operations and maintenance costs resulting from this project are paid by the General Fund, per Ordinance 121488.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	0	70	230	0	0	0	0	300
<b>Project Total:</b>	0	0	70	230	0	0	0	0	300
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	0	0	70	230	0	0	0	0	300
<b>Appropriations Total*</b>	0	0	70	230	0	0	0	0	300
<b>O &amp; M Costs (Savings)</b>			0	0	1	1	1	1	4
<b>Spending Plan</b>		0	50	250	0	0	0	0	300

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# Parks & Recreation

## Environmental Remediation

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2001  
**Project ID:** K732003 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides for abatement of lead paint, asbestos, contaminated soils, and other required remediation efforts at sites throughout the city. Future funding depends upon specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	293	127	90	0	0	0	0	0	510
<b>Project Total:</b>	293	127	90	0	0	0	0	0	510
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	293	127	90	0	0	0	0	0	510
<b>Appropriations Total*</b>	293	127	90	0	0	0	0	0	510
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		100	117	0	0	0	0	0	217

## Ercolini Property

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund **BCL/Program Code:** K723008  
**Project Type:** New Facility **Start Date:** 1st Quarter 2005  
**Project ID:** K733229 **End Date:** 3rd Quarter 2008

**Location:** 48th Ave SW/SW Alaska St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** West Seattle Junction

This project, part of the 2000 Parks Levy, develops a newly acquired park site with paths, grading, irrigation infrastructure, signage, benches and landscaping. This site was acquired in 2005 with funding from the 2000 Parks Levy Opportunity Fund, as well as other funds. In 2005, the Parks Levy Oversight Committee recommended this park be developed with additional funding from the Levy's Opportunity Fund. Operations and maintenance costs associated with levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	0	0	0	0	0	0	200
<b>Project Total:</b>	0	200	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	200	0	0	0	0	0	0	200
<b>Appropriations Total*</b>	0	200	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			0	0	4	17	17	18	56
<b>Spending Plan</b>		0	20	20	160	0	0	0	200

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# Parks & Recreation

## Evans Pool - Mechanical & Lighting System Renovation

**BCL/Program Name:** Pools/Natatorium Renovations

**BCL/Program Code:** K72446

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2004

**Project ID:** K732209

**End Date:** 3rd Quarter 2006

**Location:** 7201 E Green Lake Dr. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Green Lake

This project replaces deteriorated elements of the mechanical and lighting system at Evans Pool, including sand filters, a sewage injector pump that prevents basement flooding, and insulation repairs. The project also upgrades the natatorium lighting system. These improvements extend the useful life of mechanical and lighting systems and improve energy efficiency and reliability. Initial work began in 2004; higher priority projects are delaying completion until 2006.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	195	0	0	0	0	0	195
Real Estate Excise Tax II	4	45	0	0	0	0	0	0	49
<b>Project Total:</b>	4	45	195	0	0	0	0	0	244
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	195	0	0	0	0	0	195
Cumulative Reserve Subfund - REET II Subaccount	4	45	0	0	0	0	0	0	49
<b>Appropriations Total*</b>	4	45	195	0	0	0	0	0	244
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		10	230	0	0	0	0	0	240

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# Parks & Recreation

## First Hill Park Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 1st Quarter 2007  
**Project ID:** K733082 **End Date:** 4th Quarter 2008

**Location:** Terry Ave./Cherry St.

**Neighborhood Plan:** First Hill

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** East District

**Urban Village:** First Hill

This project, part of the 2000 Parks Levy, develops an approximately 10,000-square-foot site acquired through the First Hill acquisition project into a neighborhood park. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	20	91	0	0	0	111
<b>Project Total:</b>	0	0	0	20	91	0	0	0	111
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	0	20	91	0	0	0	111
<b>Appropriations Total*</b>	0	0	0	20	91	0	0	0	111
<b>O &amp; M Costs (Savings)</b>			0	0	5	11	11	11	38
<b>Spending Plan</b>		0	0	15	96	0	0	0	111

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# Parks & Recreation

## Forest Restoration

**BCL/Program Name:** Forest Restoration

**BCL/Program Code:** K72442

**Project Type:** Rehabilitation or Restoration

**Start Date:** Ongoing

**Project ID:** K73442

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This program develops forest and vegetation management plans and implements restoration projects at sites throughout the City's park system. In 2006, this program develops management plans for Lake Washington Boulevard, Brighton Park, Fremont Canal Park, and Mayfair Park; and restores park open spaces including sites at Thornton Creek, Schmitz Preserve, Carkeek Park, Dearborn Park, Frink Park, Golden Gardens, Licton Springs, Longfellow Creek Natural Area, South West Queen Anne Greenbelt, Interlaken Park, Lakeridge Park, Cheasty Greenbelt, West Duwamish Greenbelt and Fautleroy Park and Betty Bowen and Louisa Boren Viewpoints. Restoration projects include removal of invasive plants, such as English ivy and Himalayan blackberry, followed by replanting with native plants. Citizen volunteers perform the majority of the project work. A portion of 2006 funding (\$80,000) is dedicated to removing hazardous trees, which are beyond the scope of the Department's tree crews. The operations and maintenance costs assume a plant establishment period of approximately three years. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments. Future funding depends on specific projects and available resources.

The Life-to-Date budget reflected below has been revised to correct an error in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,353	451	420	0	0	0	0	0	2,224
<b>Project Total:</b>	1,353	451	420	0	0	0	0	0	2,224
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	1,353	451	420	0	0	0	0	0	2,224
<b>Appropriations Total*</b>	1,353	451	420	0	0	0	0	0	2,224
<b>O &amp; M Costs (Savings)</b>			1	40	41	41	42	43	208
<b>Spending Plan</b>		450	421	0	0	0	0	0	871

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# Parks & Recreation

## Freeway Park Renovation

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2005  
**Project ID:** K732273 **End Date:** 4th Quarter 2007

**Location:** 700 Seneca St.

**Neighborhood Plan:** DUCPG (Downtown Urban Center Planning Group) **Neighborhood Plan Matrix:** II-B-7

**Neighborhood District:** Downtown **Urban Village:** Commercial Core

This project improves public safety, access, and programming opportunities at Freeway Park. The current design of the park, with numerous, large concrete walls and barriers, gives the park a perception of being unsafe because a visitor cannot see or know what is ahead. This project restores fountains, improves sight lines, connects areas, and improves way-finding signage in the park. In 2004, the Freeway Park Neighborhood Group received a \$15,000 Neighborhood Matching Fund award to support planning improvements with the Project for Public Spaces (not reflected in the funding table below). This project is part of the Mayor's initiative to transform Seattle's downtown parks into vibrant, attractive public spaces. A programming plan and a long term maintenance plan for the fountains are under development. The Department will seek additional funding in the 2007-2012 CIP.

The project budget includes \$82,000 in funding to replace 22 trees that will be removed from Freeway Park on a 2:1 basis. The trees will be replaced within the greater downtown area either in other parks or in street right-of-ways. The Parks Department will contract with the Seattle Department of Transportation (SDOT) to plant the trees that are in the street right-of-way.

Operations and maintenance costs will be determined depending on the elements that are implemented.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	100	400	0	0	0	0	0	500
Property Sales and Interest Earnings	0	100	82	0	0	0	0	0	182
<b>Project Total:</b>	0	200	482	0	0	0	0	0	682
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	100	400	0	0	0	0	0	500
Cumulative Reserve Subfund - Unrestricted Subaccount	0	100	82	0	0	0	0	0	182
<b>Appropriations Total*</b>	0	200	482	0	0	0	0	0	682
<b>O &amp; M Costs (Savings)</b>			0	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		100	582	0	0	0	0	0	682

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# Parks & Recreation

## Fremont Peak Park

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** New Facility    **Start Date:** 4th Quarter 2005  
**Project ID:** K733230    **End Date:** 4th Quarter 2006

**Location:** 4351 Palatine Av N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Fremont

This project, part of the 2000 Parks Levy, develops view property that was purchased in 2004. In 2005, the 2000 Parks Levy Oversight Committee recommended this project for funding from the Levy program's Opportunity Fund. Also in 2005, the Friends of Fremont Peak Park received \$100,000 in Neighborhood Matching Funds (NMF) (not reflected in the funding table below for this project). In addition to the Levy and NMF funds, the Friends of Fremont Peak Park have applied for a \$15,000 Starbucks grant and are seeking additional funds from private donations. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	250	0	0	0	0	0	0	250
To Be Determined	0	0	150	0	0	0	0	0	150
<b>Project Total:</b>	0	250	150	0	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	250	0	0	0	0	0	0	250
<b>Appropriations Total*</b>	0	250	0	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	20	20	20	21	21	102
<b>Spending Plan</b>		0	400	0	0	0	0	0	400

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# Parks & Recreation

## Gas Works Park - Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2002  
**Project ID:** K733084 **End Date:** 1st Quarter 2006

**Location:** 2101 N Northlake Wy.

**Neighborhood Plan:** Wallingford

**Neighborhood Plan Matrix:** CF 1.1

**Neighborhood District:** Lake Union

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, plans and develops the northwest corner of Gas Works Park to provide a pedestrian connection to the Wallingford Steps project located to the north across N Northlake Way. The preferred plan retains the existing trees along the railroad right-of-way. Improvements in the northwest corner create a passive use park space which connects the new entry path into the parking lot path. In 2004, Ordinance 121680 accepted an Interagency Committee for Outdoor Recreation (IAC) grant for \$411,000 to support the renovation of the landmark towers and appropriated the funding from the 2000 Parks Levy Fund. In 2005, a portion of the grant was rescinded and budget authority was abandoned, leaving a \$324,444 grant. Parks and the Friends of Gas Works Park collaborated in developing the grant application. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	828	151	0	0	0	0	0	0	979
State Grant Funds	0	324	0	0	0	0	0	0	324
<b>Project Total:</b>	828	475	0	0	0	0	0	0	1,303
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	828	475	0	0	0	0	0	0	1,303
<b>Appropriations Total*</b>	828	475	0	0	0	0	0	0	1,303
<b>O &amp; M Costs (Savings)</b>			13	14	15	15	15	16	88
<b>Spending Plan</b>		235	240	0	0	0	0	0	475

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

# Parks & Recreation

## Gas Works Park - Remediation

**BCL/Program Name:** Gas Works Park Remediation

**BCL/Program Code:** K72582

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2000

**Project ID:** K73582

**End Date:** Ongoing

**Location:** 2101 N Northlake Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Lake Union

**Urban Village:** Not in an Urban Village

This project involves ongoing monitoring efforts to ensure that the measures constructed for remediation of soils at Gas Works Park were effective. In the late 1970s, tests and studies at Gas Works Park showed signs of soil and underground contamination. In 1998, a Consent Decree was signed between the Seattle Department of Parks and Recreation, Puget Sound Energy, and the Department of Ecology (DOE) requiring the parties to implement a Cleanup Action Plan.

In October 2000, Ordinance 120115 established an environmental trust fund and accepted \$1 million from Puget Sound Energy to pay for the future expenses of this monitoring project, which includes installation, operation, and maintenance of the remediation measures. The funds below include a negotiated contract for five years of: maintenance and operation of the air sparging, SVE systems, soil cap, and other institutional controls; groundwater testing; quarterly reports; and assurance that all measures of the Compliance Monitoring Project are executed in accordance with the Consent Decree. The budget also provides for dismantling of the system in 2006 and ongoing monitoring for as long as 20 years from installation (or, until 2021). Total funding from the Trust Fund including interest earnings is approximately \$1.3 million (the original \$1.0 million plus interest), with the balance of the funds spent over the next 20 years on monitoring. Authority for spending beyond 2010 will be sought in future years.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Subfund Revenues	474	608	0	0	0	0	0	0	1,082
<b>Project Total:</b>	474	608	0	0	0	0	0	0	1,082
<b>Fund Appropriations/Allocations</b>									
Gasworks Park Contamination Remediation Fund	474	608	0	0	0	0	0	0	1,082
<b>Appropriations Total*</b>	474	608	0	0	0	0	0	0	1,082
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		150	100	100	100	100	58	0	608

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# Parks & Recreation

## Georgetown Playfield Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2005

**Project ID:** K733086

**End Date:** 1st Quarter 2008

**Location:** 750 S Homer St.

**Neighborhood Plan:** Georgetown

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, improves landscaping and the field surface at Georgetown Playfield. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. In 2006, an additional \$285,000 is added to the budget to cover the inflation and other costs associated with the named Neighborhood Park Development projects. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	51	343	1,438	0	0	0	0	1,832
<b>Project Total:</b>	0	51	343	1,438	0	0	0	0	1,832
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	51	343	1,438	0	0	0	0	1,832
<b>Appropriations Total*</b>	0	51	343	1,438	0	0	0	0	1,832
<b>O &amp; M Costs (Savings)</b>			0	0	2	3	3	3	11
<b>Spending Plan</b>		46	300	1,286	200	0	0	0	1,832

## Golden Gardens Park Water Line Replacement

**BCL/Program Name:** Parks Infrastructure

**BCL/Program Code:** K72441

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2006

**Project ID:** K732275

**End Date:** 4th Quarter 2006

**Location:** 8498 Seaview Pl. NW

**Neighborhood Plan:** Crown Hill/Ballard

**Neighborhood Plan Matrix:** II OS14

**Neighborhood District:** Ballard

**Urban Village:** Not in an Urban Village

This project replaces approximately 600 feet of the failed water lines at Golden Gardens Park with six-inch pipe. The existing water lines are 80-year-old four-inch galvanized iron, which is subject to corrosion. This project will provide a secure water source for the Golden Gardens Bathhouse and the park.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	200	0	0	0	0	0	200
<b>Project Total:</b>	0	0	200	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	200	0	0	0	0	0	200
<b>Appropriations Total*</b>	0	0	200	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## Golf - Capital Improvements

**BCL/Program Name:** Golf Projects **BCL/Program Code:** K72253  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2006  
**Project ID:** K732285 **End Date:** Ongoing

**Location:** Multiple locations

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one Neighborhood District **Urban Village:** In more than one Urban Village

This project is an ongoing effort to improve the four City-owned golf courses (Interbay, Jackson, Jefferson and West Seattle). Funding for these improvements is provided by a surcharge on green fees, golf car rentals and range balls implemented in 2004, and other golf revenues. Annual revenue from golf is transferred from the Park and Recreation Operating Fund (BCL K400B) to the Cumulative Reserve Fund as the revenue is generated. Revenues from 2004 and 2005 have been allocated to the Jefferson Park Driving Range Improvements project (K731184). The 2006 funding is an estimate of the anticipated revenue for that year. Operations and maintenance costs have not yet been determined.

The following projects would draw on the capital reserve budget, subject to funding capability: complete irrigation project at Jackson Park; replace netting and surfacing at Interbay driving range; install cart paths at Jefferson and Jackson Parks; add double decker on driving range at Jefferson; and construct double decker driving range at Jackson.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Golf Revenues	0	0	677	0	0	0	0	0	677
<b>Project Total:</b>	0	0	677	0	0	0	0	0	677
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	677	0	0	0	0	0	677
<b>Appropriations Total*</b>	0	0	677	0	0	0	0	0	677
<b>O &amp; M Costs (Savings)</b>			0	N/C	N/C	N/C	N/C	N/C	0

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# Parks & Recreation

## Green Lake Park Plaza & Shade Garden Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2006

**Project ID:** K733089

**End Date:** 4th Quarter 2007

**Location:** 7201 E Green Lake Dr. N

**Neighborhood Plan:** Greenlake

**Neighborhood Plan Matrix:** C14

**Neighborhood District:** Northwest

**Urban Village:** Green Lake

This project, part of the 2000 Parks Levy, creates passive recreational areas, gathering areas, a shade garden, and seating around Green Lake Community Center. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	72	289	0	0	0	0	361
<b>Project Total:</b>	0	0	72	289	0	0	0	0	361
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	72	289	0	0	0	0	361
<b>Appropriations Total*</b>	0	0	72	289	0	0	0	0	361
<b>O &amp; M Costs (Savings)</b>			0	0	21	21	22	22	86
<b>Spending Plan</b>		0	65	296	0	0	0	0	361

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**2006-2011 Proposed Capital Improvement Program**

# Parks & Recreation

## Green Space Acquisition General

**BCL/Program Name:** 2000 Parks Levy - Green Spaces Acquisitions      **BCL/Program Code:** K723002  
**Project Type:** New Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** K733002      **End Date:** 4th Quarter 2007

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides funding to cover ancillary costs associated with the acquisition of real properties to fill gaps and preserve continuity in Parks holdings within the City's designated green spaces (green belts and natural areas). Funding for purchases is appropriated through individual ordinances throughout the year rather than through the budget process. When property is purchased, the ancillary costs associated with the specific property are transferred from this project to the property project, along with the actual purchase costs. Acquisitions target critical properties in Harrison Ridge, Northeast Queen Anne, Westlake, Kiwanis Ravine, Kubota Garden, Maple School, North Beach, Puget Creek, St. Marks, Longfellow Creek, Thornton Creek, Leschi, Me-Kwa-Mooks, Duwamish Head, West Duwamish, East Duwamish and other designated areas (see Ordinance 121170).

Up to \$10 million is available under the 2000 Parks Levy for projects in the Green Space Acquisition Program. The expenditure of this funding is anticipated to be spread over the life of the Levy, with annual appropriations sufficient to cover the costs of real property acquisitions and pre-acquisition activities each year. It is anticipated that many of the acquisitions in this category will be eligible for matching grants from state and county sources, thereby significantly increasing the amount to be spent on green spaces. In 2005, funding was transferred from this project to purchase property for the Duwamish Head Greenbelt.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	2,755	1,300	1,216	0	0	0	0	5,271
<b>Project Total:</b>	0	2,755	1,300	1,216	0	0	0	0	5,271
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	2,755	1,300	1,216	0	0	0	0	5,271
<b>Appropriations Total*</b>	0	2,755	1,300	1,216	0	0	0	0	5,271
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	0	0

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# Parks & Recreation

## Greg Davis Park - Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2004  
**Project ID:** K733091 **End Date:** 1st Quarter 2006

**Location:** 26th Ave. SW/SW Brandon St.

**Neighborhood Plan:** Delridge

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Delridge

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, completes the development of the 1.3-acre park site, which is adjacent to Brandon Mini-Park, another 2000 Parks Levy site. This development project will create one contiguous open space/park that includes the following passive and active recreational elements: unscheduled sports fields, playgrounds, plazas, picnic shelters, tables, benches, renovation of the P-patch, development of a half-court basketball court, development of a grass court for lawn bowling and croquet type activities, tables, benches and wooded areas with native vegetation. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	3	70	0	0	0	0	0	0	73
<b>Project Total:</b>	3	70	0	0	0	0	0	0	73
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	3	70	0	0	0	0	0	0	73
<b>Appropriations Total*</b>	3	70	0	0	0	0	0	0	73
<b>O &amp; M Costs (Savings)</b>			1	2	2	2	2	2	11
<b>Spending Plan</b>		53	17	0	0	0	0	0	70

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# Parks & Recreation

## Haller Lake Community Street End Park

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** New Facility    **Start Date:** 3rd Quarter 2005  
**Project ID:** K733231    **End Date:** 2nd Quarter 2007

**Location:** N125th St./Densmore Ave N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Bitter Lake Village

This project, part of the 2000 Parks Levy, develops a park located on Seattle Department of Transportation property at a public street-end with access to Haller Lake. The 2000 Parks Levy Oversight Committee recommended this project for funding from the Levy program's Opportunity Fund. In addition to the Levy funds, community sponsors of this project are seeking approximately \$50,000 in additional funding from private donations. Operations and maintenance costs associated with levy projects are to be funded out of Levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	150	0	0	0	0	0	0	150
To Be Determined	0	0	50	0	0	0	0	0	50
<b>Project Total:</b>	0	150	50	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	150	0	0	0	0	0	0	150
<b>Appropriations Total*</b>	0	150	0	0	0	0	0	0	150
<b>O &amp; M Costs (Savings)</b>			0	6	12	12	12	12	54
<b>Spending Plan</b>		0	100	100	0	0	0	0	200

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# Parks & Recreation

## Hazard Mitigation Program - Risk Assessment

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 3rd Quarter 1999  
**Project ID:** K73509 **End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This ongoing project identifies park facilities that pose a risk of damage to or from public property, and provides initial funding to mitigate risks. This project is part of the City Hazard Mitigation Program, which involves City departments in identifying and cooperatively working on projects that reduce risk to City facilities and the public from natural disasters. Related projects are funded in Seattle Public Utilities (project C300302) and the Seattle Department of Transportation (project TC365510). Creation of the Hazard Mitigation Program is consistent with the recommendations of the City's All Hazard Mitigation Plan which qualifies the City for Federal Emergency Management Agency (FEMA) funding in the event of disasters. In 2005, \$50,000 of the proposed funding is reserved to fund projects identified in the Hazard Mitigation Plan, the citywide landslide mitigation portion of which is administered by Seattle Public Utilities. Future funding depends on specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	591	109	100	0	0	0	0	0	800
<b>Project Total:</b>	591	109	100	0	0	0	0	0	800
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	591	109	100	0	0	0	0	0	800
<b>Appropriations Total*</b>	591	109	100	0	0	0	0	0	800
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		105	104	0	0	0	0	0	209

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# Parks & Recreation

## Hillman City P-Patch

**BCL/Program Name:** Citywide and Neighborhood Projects

**BCL/Program Code:** K72449

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2005

**Project ID:** K732286

**End Date:** 4th Quarter 2006

**Location:** 46th Avenue S./S. Lucille Street

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** NA

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project provides funding to acquire a 9,000-square-foot park in southeast Seattle. The property is currently leased to the Department of Neighborhoods (DON) for use as a P-Patch. Although the Parks Department will own the property, DON will continue operate and maintain the park as a P-Patch. In 2005, the Department of Neighborhoods received \$50,000 of Community Development Block Grant funds for this project. These funds are not reflected in the table below. P-Patch operations and maintenance costs are generally covered by revenues from P-Patch fees, collected by DON and deposited in the General Subfund.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	100	140	0	0	0	0	0	240
<b>Project Total:</b>	0	100	140	0	0	0	0	0	240
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	100	140	0	0	0	0	0	240
<b>Appropriations Total*</b>	0	100	140	0	0	0	0	0	240
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		20	220	0	0	0	0	0	240

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# Parks & Recreation

## HVAC System Duct Cleaning - Large Buildings

**BCL/Program Name:** Building Component Renovations

**BCL/Program Code:** K72444

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 1999

**Project ID:** K73669

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project provides periodic (every two to five years) cleaning of the air ducts in the heating, ventilation, and air conditioning (HVAC) systems in pool natatoriums, community centers, and other Department-owned buildings. This maintenance increases the life span of these systems and reduces potential future major maintenance projects. Future funding depends upon specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	112	3	0	0	0	0	0	0	115
Property Sales and Interest Earnings	0	33	33	0	0	0	0	0	66
<b>Project Total:</b>	112	36	33	0	0	0	0	0	181
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	112	3	0	0	0	0	0	0	115
Cumulative Reserve Subfund - Unrestricted Subaccount	0	33	33	0	0	0	0	0	66
<b>Appropriations Total*</b>	112	36	33	0	0	0	0	0	181
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		35	34	0	0	0	0	0	69

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# Parks & Recreation

## Irrigation Replacement Program

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2005  
**Project ID:** K732270 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** NA

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project funds a study of the Department's park irrigation systems and implements replacement projects at various sites. The Department will seek additional funding in the 2007-2012 CIP. Future funding depends on specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	100	150	0	0	0	0	0	250
To Be Determined	0	0	0	200	0	0	0	0	200
<b>Project Total:</b>	0	100	150	200	0	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	100	150	0	0	0	0	0	250
<b>Appropriations Total*</b>	0	100	150	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## Jefferson Park - Beacon Reservoir Acquisition & Development

**BCL/Program Name:** 2000 Parks Levy - Major Park Development      **BCL/Program Code:** K723004  
**Project Type:** Improved Facility      **Start Date:** 4th Quarter 2000  
**Project ID:** K733131      **End Date:** 2nd Quarter 2009

**Location:** 4165 16th Ave. S

**Neighborhood Plan:** North Beacon Hill      **Neighborhood Plan Matrix:** Multiple  
**Neighborhood District:** Greater Duwamish      **Urban Village:** Beacon Hill

This project, part of the 2000 Parks Levy, makes improvements to Jefferson Park, including possible property acquisition. The Department of Parks and Recreation, in partnership with the community and Seattle Public Utilities (SPU), has developed a long-range master plan for the 50-acre portion of Jefferson Park located west of Beacon Ave. S, excluding Jefferson Golf facilities. Part of this property is under Parks' jurisdiction and part is under SPU's jurisdiction. Through the Reservoir Covering - Beacon project (C101060) SPU retires the north reservoir, making that area available for park improvements, and reconstructs the south reservoir as an underground reservoir with the park extending over the reservoir lid. As part of the Reservoir Covering project, SPU will provide up to \$1 million to Parks to cover the cost of completing the retirement of the north reservoir by filling and grading it with soil to reasonably accommodate its future use. SPU and Parks have developed a Memorandum of Agreement to govern financial responsibilities and coordination of the two projects.

The Jefferson Park Long Range Plan calls for 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, a building currently occupied by SPU that may be converted to community use, basketball and tennis courts (Jefferson Park - Tennis Courts project, K733094), a new children's play area (Jefferson Park - Play Area Replacement project, K73570), water features, landscaping, and other site amenities. An Environmental Impact Statement for the plan is completed. Planning and design of specific improvements are to be done in conjunction with a public involvement process, working within the budget identified below and other non-levy fund sources that become available.

Construction will occur in phases. In 2004, landscaping and irrigation work on the park was done in conjunction with the Jefferson Park Community Center Gym project. Operations and maintenance costs (O&M) associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008. The O&M estimated below in 2008 is related to completion of Phase I; in 2009 all phases of the project should be completed.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	730	1,020	700	4,650	0	0	0	0	7,100
<b>Project Total:</b>	730	1,020	700	4,650	0	0	0	0	7,100
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	730	1,020	700	4,650	0	0	0	0	7,100
<b>Appropriations Total*</b>	730	1,020	700	4,650	0	0	0	0	7,100
<b>O &amp; M Costs (Savings)</b>			0	0	70	109	112	115	406
<b>Spending Plan</b>		100	500	2,000	1,770	2,000	0	0	6,370

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# Parks & Recreation

## Jefferson Park - Driving Range 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> 2nd Quarter 2003
<b>Project ID:</b> K731184	<b>End Date:</b> 1st Quarter 2006

**Location:** 4101 Beacon Ave. S

**Neighborhood Plan:** North Beacon Hill

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Greater Duwamish

**Urban Village:** Beacon Hill

This project makes various improvements to the Jefferson Park golf driving range including installing 35 netting support poles and a new storm drainage system, grading, resurfacing the new range area, and other site improvements. The construction bid for this project was higher than anticipated, and to cover these costs, \$300,000 in funding shown in the table below was appropriated in the second quarter 2005 supplemental (Ordinance 121883) from golf revenues. As funding from golf revenues becomes available, a second tier, costing approximately \$554,000, will be added to the driving range in order to increase access for golfers and revenues. The project schedule has been revised to reflect a delay related to higher cost estimates and subsequent changes to the design.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	674	0	0	0	0	0	0	674
Real Estate Excise Tax II	65	22	0	0	0	0	0	0	87
Miscellaneous Grants or Donations	25	100	0	0	0	0	0	0	125
Golf Revenues	0	300	0	0	0	0	0	0	300
<b>Project Total:</b>	90	1,096	0	0	0	0	0	0	1,186
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	674	0	0	0	0	0	0	674
Cumulative Reserve Subfund - REET II Subaccount	65	22	0	0	0	0	0	0	87
Cumulative Reserve Subfund - Unrestricted Subaccount	25	100	0	0	0	0	0	0	125
Park and Recreation Operating Fund	0	300	0	0	0	0	0	0	300
<b>Appropriations Total*</b>	90	1,096	0	0	0	0	0	0	1,186
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		1,020	76	0	0	0	0	0	1,096

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# Parks & Recreation

## Jefferson Park - Play Area Replacement

**BCL/Program Name:** Ballfields/Athletic Courts/Play Areas

**BCL/Program Code:** K72445

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2000

**Project ID:** K73570

**End Date:** 2nd Quarter 2007

**Location:** 4165 16th Ave. S

**Neighborhood Plan:** North Beacon Hill

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Greater Duwamish

**Urban Village:** Beacon Hill

This project constructs a new play area, replacing the existing small and outdated play area. The location of the new play area has been identified through the Jefferson Park site planning process. Design and construction of the play area is coordinated with expansion of the park, the Jefferson Park - Beacon Reservoir Acquisition and Development project (K733131), into the area of the north reservoir which is slated to be retired by Seattle Public Utilities (SPU). This project includes funding for ADA-compliant paths, safety surfacing, play equipment, and site furnishings.

Consultant selection and schematic design occurred in mid-2005. Construction cannot proceed until SPU completes at least a portion of its reservoir project - creating the space for the play area. SPU expects to begin work in 2006. The operations and maintenance costs associated with this project are paid by the General Fund.

Estimates of future operating costs reflect increased maintenance and litter pick-up due to anticipated increased public use of this improved play area.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	391	0	0	0	0	0	0	391
<b>Project Total:</b>	0	391	0	0	0	0	0	0	391
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	391	0	0	0	0	0	0	391
<b>Appropriations Total*</b>	0	391	0	0	0	0	0	0	391
<b>O &amp; M Costs (Savings)</b>			0	4	9	9	9	9	40
<b>Spending Plan</b>		6	70	315	0	0	0	0	391

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# Parks & Recreation

## Jefferson Park - Tennis Courts

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 2003  
**Project ID:** K733094 **End Date:** 2nd Quarter 2007

**Location:** 4165 16th Ave. S

**Neighborhood Plan:** North Beacon Hill

**Neighborhood Plan Matrix:** CC4

**Neighborhood District:** Greater Duwamish

**Urban Village:** Beacon Hill

This project, part of the 2000 Parks Levy, constructs two new tennis courts at the north end of Jefferson Park. The location of the tennis courts was identified through the Jefferson Park site planning process, Jefferson Park - Beacon Reservoir Acquisition and Development project (K733131). The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1	549	0	0	0	0	0	0	550
<b>Project Total:</b>	1	549	0	0	0	0	0	0	550
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	1	549	0	0	0	0	0	0	550
<b>Appropriations Total*</b>	1	549	0	0	0	0	0	0	550
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		10	189	350	0	0	0	0	549

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# Parks & Recreation

## Junction Plaza Park Development

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** New Facility    **Start Date:** 3rd Quarter 2005  
**Project ID:** K733232    **End Date:** 3rd Quarter 2008

**Location:** 42nd Av SW/SW Alaska

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** West Seattle Junction

This project, part of the 2000 Parks Levy, develops a park at a site that was purchased in 2005 with Levy funding. The project scope includes paving, pedestrian lighting, grading, irrigation and electrical infrastructure, signage, furnishings and landscaping. In 2005, the 2000 Parks Levy Oversight Committee recommended this park development project for funding from the Levy program's Opportunity Fund. Operations and maintenance costs associated with levy projects are to be funded out of Levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	0	0	0	0	0	0	200
<b>Project Total:</b>	0	200	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	200	0	0	0	0	0	0	200
<b>Appropriations Total*</b>	0	200	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			0	0	5	19	19	20	63
<b>Spending Plan</b>		0	20	20	160	0	0	0	200

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

# Parks & Recreation

## Kobe Terrace Landscape Restoration

**BCL/Program Name:** Citywide and Neighborhood Projects

**BCL/Program Code:** K72449

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2006

**Project ID:** K732290

**End Date:** 4th Quarter 2006

**Location:** 221 6th Ave S

**Neighborhood Plan:** International District/Chinatown

**Neighborhood Plan Matrix:** NT3

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** International District

This project restores the landscape and asphalt surface at Kobe Terrace. In several places, the surface of the asphalt is being upheaved by tree roots and the asphalt is deteriorating. To correct the problem, tree roots are pruned, root barriers are installed, the base material is regraded and replenished, and the surface is repaved. This project is funded as part of the 2006 CRF Neighborhood Program. Projects funded through this program are proposed and prioritized by District Councils, and selected by a team of City staff from the Department of Neighborhoods, Parks, Seattle Department of Transportation, and the Department of Finance.

Operations and maintenance costs have not yet been calculated for this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	16	0	0	0	0	0	16
<b>Project Total:</b>	0	0	16	0	0	0	0	0	16
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	16	0	0	0	0	0	16
<b>Appropriations Total*</b>	0	0	16	0	0	0	0	0	16
<b>O &amp; M Costs (Savings)</b>			NC	NC	NC	NC	NC	NC	0

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

# Parks & Recreation

## Kubota Garden - Crew Quarters and Parking Lot

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2004  
**Project ID:** K732212 **End Date:** 1st Quarter 2006

**Location:** 9817 55th Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

In accordance with the Kubota Garden Master Plan, this project replaces the existing crew quarters with a new crew building. The old Kubota residence was demolished in the winter of 2003, and the old maintenance barn was demolished in the winter of 2004. The new crew/shop building includes space for a shop area, office, and restrooms. The project also includes site work, extending utilities, and limited paving. These improvements facilitate maintenance and operations of the garden, which has been enhanced by the 2000 Parks Levy project, Kubota Garden - Improvements (K733095), as listed in the 2005-2010 Adopted CIP. In 2005, the Department transferred \$463,000 of budget authority from the Stan Sayers Parking Lot project (K732226) to the Kubota Garden - Crew Quarters project (K732212) to facilitate the construction schedule for the crew quarters, which effectively delayed the schedule for the parking lot project. Both projects share the same budget control level, and DPR is proposing adding \$463,000 in 2006 budget authority for the parking lot project to continue its work. Operations and maintenance costs for this project are paid by the General Fund.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	84	479	0	0	0	0	0	0	563
<b>Project Total:</b>	84	479	0	0	0	0	0	0	563
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	84	479	0	0	0	0	0	0	563
<b>Appropriations Total*</b>	84	479	0	0	0	0	0	0	563
<b>O &amp; M Costs (Savings)</b>			5	5	5	6	6	6	33
<b>Spending Plan</b>		330	149	0	0	0	0	0	479

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# Parks & Recreation

## Lake Washington Blvd. Drainage

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2006  
**Project ID:** K732281 **End Date:** 1st Quarter 2008

**Location:** 3808 Lk Wash Blvd. Off Rp

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Southeast **Urban Village:** Not in an Urban Village

This project installs surface/sub-surface drainage systems and replaces the irrigation system as required along Lake Washington Boulevard and near the parking lot at Stan Sayres Park. The Department intends to seek additional funding in 2007 to complete this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	40	0	0	0	0	0	40
To Be Determined	0	0	0	160	0	0	0	0	160
<b>Project Total:</b>	0	0	40	160	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	40	0	0	0	0	0	40
<b>Appropriations Total*</b>	0	0	40	0	0	0	0	0	40
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	40	120	40	0	0	0	200

## Lake Washington Boulevard Trail Improvements

**BCL/Program Name:** 2000 Parks Levy - Trails and Boulevards **BCL/Program Code:** K723006  
**Project Type:** Improved Facility **Start Date:** 3rd Quarter 2005  
**Project ID:** K733146 **End Date:** 1st Quarter 2008

**Location:** Lake Washington Blvd.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Southeast **Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, improves Lake Washington Boulevard including pedestrian pathways, drainage, landscaping, and other amenities. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	30	110	860	0	0	0	0	1,000
<b>Project Total:</b>	0	30	110	860	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	30	110	860	0	0	0	0	1,000
<b>Appropriations Total*</b>	0	30	110	860	0	0	0	0	1,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		30	110	760	100	0	0	0	1,000

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## 2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## Lake Washington Shoreline Renovations

**BCL/Program Name:** Docks/Piers/Floats/Seawalls/Shorelines

**BCL/Program Code:** K72447

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2003

**Project ID:** K732232

**End Date:** 1st Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project provides for periodic beach nourishment at Magnuson Park and other selected sites along Lake Washington Boulevard and elsewhere on Lake Washington. Sand and gravel are placed to replenish beaches that have eroded in recent years and to improve substrate for juvenile salmon habitat. The separate Shoreline Maintenance Study, which was undertaken in 2003, identifies and prioritizes improvements to other shoreline sites. In 2004, Ordinance 121680 appropriated \$350,000 in grant revenues from the Washington State Salmon Recovery Funding Board to supplement funding to restore the lake shoreline. Also in 2004, \$40,000 was transferred to this project from two completed projects - the Seward Park Habitat Improvement Project and the Lincoln Park Beach Renourishment project. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	350	20	0	0	0	0	0	370
State Interlocal Revenues	131	185	0	0	0	0	0	0	316
<b>Project Total:</b>	131	535	20	0	0	0	0	0	686
<b>Fund Appropriations/Allocations</b>									
Beach Maintenance Trust Fund	131	535	20	0	0	0	0	0	686
<b>Appropriations Total*</b>	131	535	20	0	0	0	0	0	686
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		105	450	0	0	0	0	0	555

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# Parks & Recreation

## Laurelhurst Community Center

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2004  
**Project ID:** K733098 **End Date:** 1st Quarter 2007

**Location:** 4554 NE 41st St.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Northeast **Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, expands and upgrades the existing 5,200-square-foot community center facility adjacent to Laurelhurst Playfield. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. In 2005, the Laurelhurst Community Center Advisory Council donated \$100,000 toward the project for furnishings and kitchen equipment appropriated in the second quarter 2005 supplemental (Ordinance 121883). Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	0	100	0	0	0	0	0	0	100
Seattle Voter-Approved Levy	111	734	2,062	0	0	0	0	0	2,907
<b>Project Total:</b>	111	834	2,062	0	0	0	0	0	3,007
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	111	834	2,062	0	0	0	0	0	3,007
<b>Appropriations Total*</b>	111	834	2,062	0	0	0	0	0	3,007
<b>O &amp; M Costs (Savings)</b>			4	64	67	69	71	73	348
<b>Spending Plan</b>		270	2,000	626	0	0	0	0	2,896

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# Parks & Recreation

## Lot 2 Skate Park and Basketball Court Acquisition and Development

**BCL/Program Name:** Ballfields/Athletic Courts/Play Areas

**BCL/Program Code:** K72445

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2005

**Project ID:** K732176

**End Date:** 4th Quarter 2006

**Location:** 545 Elliott Way W

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Queen Anne

This project provides funding for the acquisition of property and development of a replacement skate park and basketball court, in connection with the City's sale of Seattle Center Lot 2.

The primary funding source for this project is proceeds from the sale of Seattle Center Lot 2. A review of site options is underway. An ordinance appropriating up to \$1.2 million for site selection and acquisition, along with \$900,000 earmarked for construction of improvements in Ordinance 121742, will be prepared once purchase costs are known. In addition, \$250,000 in REET II funds are appropriated to fund construction of a one-stall unisex comfort station.

Operations and maintenance costs will be calculated when the scope of the new park has been developed.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	250	0	0	0	0	0	250
Property Sales and Interest Earnings	0	0	2,100	0	0	0	0	0	2,100
<b>Project Total:</b>	0	0	2,350	0	0	0	0	0	2,350
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	250	0	0	0	0	0	250
<b>Appropriations Total*</b>	0	0	250	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0

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# Parks & Recreation

## Lower Woodland PF Field #2 Lighting Replacement

**BCL/Program Name:** Ballfields/Athletic Courts/Play Areas  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** K732272

**BCL/Program Code:** K72445  
**Start Date:** 1st Quarter 2006  
**End Date:** 1st Quarter 2007

**Location:** 1000 N 50th St.

**Neighborhood Plan:** Greenlake  
**Neighborhood District:** Northwest

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project replaces poles and brackets, luminaries (light fixtures, lamps, and hoods) and electrical controls equipment for a complete new lighting system. This system will be tied into an automated control system for all of the sports fields at lower Woodland Playfield. The Department will seek additional funding in 2007 to complete this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	70	0	0	0	0	0	70
To Be Determined	0	0	0	278	0	0	0	0	278
<b>Project Total:</b>	0	0	70	278	0	0	0	0	348
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	70	0	0	0	0	0	70
<b>Appropriations Total*</b>	0	0	70	0	0	0	0	0	70
<b>O &amp; M Costs (Savings)</b>			0	0	1	1	1	1	4

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# Parks & Recreation

## Lower Woodland Skateboard Park

<b>BCL/Program Name:</b> Parks Infrastructure	<b>BCL/Program Code:</b> K72441
<b>Project Type:</b> New Facility	<b>Start Date:</b> 2nd Quarter 2005
<b>Project ID:</b> K732276	<b>End Date:</b> 1st Quarter 2007

**Location:** 1000 N 50th 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 develops Phase I (5,000 square feet) of an eventual 24,000-square-foot skateboard park in Lower Woodland Park located adjacent to existing baseball and soccer fields and a BMX use area. The plan for this park is to make it a full service skate park that can accommodate a variety of bowl and street skating features and different skill levels. In 2004, the Department applied for a Washington State Interagency Committee for Outdoor Recreation (IAC) grant in the amount of \$300,000. The grant was denied, but is considered the first alternate to receive funding in the event of additional allocations. With the potential loss of the grant, the scope of Phase I will be reduced to accommodate the existing budget.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	125	475	0	0	0	0	0	600
<b>Project Total:</b>	0	125	475	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	125	475	0	0	0	0	0	600
<b>Appropriations Total*</b>	0	125	475	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			24	24	25	25	26	26	150
<b>Spending Plan</b>		35	475	90	0	0	0	0	600

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# Parks & Recreation

## Loyal Heights Playfield Improvements

**BCL/Program Name:** 2000 Parks Levy - Playfields and Facilities

**BCL/Program Code:** K723005

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2004

**Project ID:** K733138

**End Date:** 1st Quarter 2007

**Location:** 2101 NW 77th St.

**Neighborhood Plan:** Crown Hill/Ballard

**Neighborhood Plan Matrix:** II OS1

**Neighborhood District:** Ballard

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, upgrades and improves play surfaces and field amenities at the 6.7-acre Loyal Heights Playfield. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. In 2005, an additional \$100,000 was added to the project to provide the infrastructure necessary to update the lighting. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	16	938	1,462	0	0	0	0	0	2,416
<b>Project Total:</b>	16	938	1,462	0	0	0	0	0	2,416
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	16	938	1,462	0	0	0	0	0	2,416
<b>Appropriations Total*</b>	16	938	1,462	0	0	0	0	0	2,416
<b>O &amp; M Costs (Savings)</b>			2	16	17	18	18	19	90
<b>Spending Plan</b>		105	2,000	295	0	0	0	0	2,400

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# Parks & Recreation

## Magnolia Elementary Field Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 1st Quarter 2004  
**Project ID:** K733100 **End Date:** 1st Quarter 2007

**Location:** 2550 34th Ave. W

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Magnolia/Queen Anne **Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, develops a 2.5-acre site east of Magnolia Elementary School, currently owned by Parks and leased to the School District, into a park. Potential park improvements include a playfield, gathering area, and other park amenities. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	17	393	987	0	0	0	0	0	1,397
<b>Project Total:</b>	17	393	987	0	0	0	0	0	1,397
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	17	393	987	0	0	0	0	0	1,397
<b>Appropriations Total*</b>	17	393	987	0	0	0	0	0	1,397
<b>O &amp; M Costs (Savings)</b>			4	29	31	32	33	34	163
<b>Spending Plan</b>		125	1,000	255	0	0	0	0	1,380

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

# Parks & Recreation

## Maple Leaf Community Garden

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** New Facility    **Start Date:** 3rd Quarter 2005  
**Project ID:** K733233    **End Date:** 4th Quarter 2006

**Location:** 529 NE 103rd

**Neighborhood Plan:** Not in a Neighborhood Plan    **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Northeast    **Urban Village:** Northgate

This project, part of the 2000 Parks Levy, develops a park and P-Patch on a site purchased by the Department in 2003 through the 2000 Parks Levy Opportunity Fund Acquisition program. In 2005, the 2000 Parks Levy Oversight Committee recommended this park development project for funding from the Levy program's Opportunity Fund. In 2005, the Maple Leaf Community Council was awarded a \$100,000 Neighborhood Matching Fund grant (NMF) (not reflected in the funding table below). In addition to the Levy and NMF funds, community sponsors of this project are seeking approximately \$27,500 from private donations. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	150	0	0	0	0	0	0	150
To Be Determined	0	0	28	0	0	0	0	0	28
<b>Project Total:</b>	0	150	28	0	0	0	0	0	178
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	150	0	0	0	0	0	0	150
<b>Appropriations Total*</b>	0	150	0	0	0	0	0	0	150
<b>O &amp; M Costs (Savings)</b>			0	13	13	13	14	14	67
<b>Spending Plan</b>		0	178	0	0	0	0	0	178

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# Parks & Recreation

## Maplewood 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> 1st Quarter 2006
<b>Project ID:</b> K732271	<b>End Date:</b> 4th Quarter 2006
<b>Location:</b> 4801 Corson 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 renovates the comfort station at Maplewood Playfield for ADA accessibility.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	30	0	0	0	0	0	30
<b>Project Total:</b>	0	0	30	0	0	0	0	0	30
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	30	0	0	0	0	0	30
<b>Appropriations Total*</b>	0	0	30	0	0	0	0	0	30
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## Marra Farm Community Project

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** New Facility    **Start Date:** 4th Quarter 2005  
**Project ID:** K733234    **End Date:** 4th Quarter 2006

**Location:** 9026 4th Av S.

**Neighborhood Plan:** Not in a Neighborhood Plan    **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest    **Urban Village:** South Park

This project, part of the 2000 Parks Levy, creates a site plan and begins development of a 4.8-acre park on the property known as Marra Farm, which was transferred in 2004 from King County to the City. In 2005, the 2000 Parks Levy Oversight Committee recommended this project for funding from the Levy program's Opportunity Fund. The Marra Farm Coalition was awarded a \$5,260 Small and Simple Neighborhood Matching Fund grant (NMF) (not reflected in the funding table below). In addition to the Levy and NMF funding, community sponsors of this project are seeking additional funding from private contributions and grant sources. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	180	0	0	0	0	0	0	180
To Be Determined	0	0	155	0	0	0	0	0	155
<b>Project Total:</b>	0	180	155	0	0	0	0	0	335
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	180	0	0	0	0	0	0	180
<b>Appropriations Total*</b>	0	180	0	0	0	0	0	0	180
<b>O &amp; M Costs (Savings)</b>			5	19	20	20	20	21	105
<b>Spending Plan</b>		50	285	0	0	0	0	0	335

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

# Parks & Recreation

## Martin Luther King, Jr. Park Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2004  
**Project ID:** K733101 **End Date:** 1st Quarter 2006

**Location:** 2200 M L King Jr Wy

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, improves 4.3 acres of Martin Luther King, Jr. Park by adding sanctuary seating, pathways, parking, picnic areas, and landscaping. The scope of work for this project was developed through a community process, working within the budget identified below and other non-levy fund sources that become available. The design of the project was delayed, and the construction end date has been delayed one month. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	56	419	0	0	0	0	0	0	475
<b>Project Total:</b>	56	419	0	0	0	0	0	0	475
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	56	419	0	0	0	0	0	0	475
<b>Appropriations Total*</b>	56	419	0	0	0	0	0	0	475
<b>O &amp; M Costs (Savings)</b>			14	18	18	19	19	20	108
<b>Spending Plan</b>		300	119	0	0	0	0	0	419

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

# Parks & Recreation

## Meadowbrook Playfield - Tennis Court Renovation

<b>BCL/Program Name:</b> Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b> K72445
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 3rd Quarter 2004
<b>Project ID:</b> K732216	<b>End Date:</b> 4th Quarter 2006

**Location:** 10533 35th Ave. NE

<b>Neighborhood Plan:</b> North District/Lake City	<b>Neighborhood Plan Matrix:</b> C29
<b>Neighborhood District:</b> North	<b>Urban Village:</b> Not in an Urban Village

This project renovates the six tennis courts at Meadowbrook Playfield by removing worn sections, patching/repairing the asphalt surface, and resealing and caulking the joints. Additional elements include adding a new color coat on the concrete surface, replacing the bang board, and completing minor work to improve drainage. These improvements extend the useful life of the court surface and increase field quality.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	20	80	0	0	0	0	0	100
<b>Project Total:</b>	0	20	80	0	0	0	0	0	100
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	20	80	0	0	0	0	0	100
<b>Appropriations Total*</b>	0	20	80	0	0	0	0	0	100
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## Montlake Community Center

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2004

**Project ID:** K733102

**End Date:** 4th Quarter 2006

**Location:** 1618 E Calhoun St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** East District

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, improves the existing 2,810-square-foot Montlake Community Center by expanding activity areas as well as creating a multi-purpose room, showers, and office space. The new facilities may be designed to connect the existing gym to the existing "Tudor" structure, which serves as community meeting and recreational space. The scope of work for this project was developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	123	871	2,391	0	0	0	0	0	3,385
<b>Project Total:</b>	123	871	2,391	0	0	0	0	0	3,385
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	123	871	2,391	0	0	0	0	0	3,385
<b>Appropriations Total*</b>	123	871	2,391	0	0	0	0	0	3,385
<b>O &amp; M Costs (Savings)</b>			11	63	64	66	68	70	342
<b>Spending Plan</b>		262	2,200	800	0	0	0	0	3,262

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

## 2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## Morgan Substation Park Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 1st Quarter 2007  
**Project ID:** K733103 **End Date:** 1st Quarter 2007

**Location:** 4118 SW Morgan

**Neighborhood Plan:** Morgan Junction (MOCA)

**Neighborhood Plan Matrix:** KIS 1.2

**Neighborhood District:** Southwest

**Urban Village:** Morgan Junction

This project, part of the 2000 Parks Levy, develops the City Light substation on Morgan Street into a park or plaza. It is anticipated that City Light will surplus the substation in 2006, at which time Parks will negotiate to acquire the site. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	63	250	0	0	0	0	313
<b>Project Total:</b>	0	0	63	250	0	0	0	0	313
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	63	250	0	0	0	0	313
<b>Appropriations Total*</b>	0	0	63	250	0	0	0	0	313
<b>O &amp; M Costs (Savings)</b>			0	3	19	22	23	24	91
<b>Spending Plan</b>		0	50	263	0	0	0	0	313

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

# Parks & Recreation

## Mt. Baker Ridge Viewpoint

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** New Facility    **Start Date:** 4th Quarter 2005  
**Project ID:** K733235    **End Date:** 4th Quarter 2007

**Location:** 1403 31st Av S

**Neighborhood Plan:** Not in a Neighborhood Plan    **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Southeast    **Urban Village:** North Rainier

This project, part of the 2000 Parks Levy, develops this view property that was recently purchased as part of the Levy's Opportunity Fund acquisition program. In 2005, the 2000 Parks Levy Oversight Committee recommended this development project for funding from the Levy program's Opportunity Fund. In 2005, the Mt. Baker Ridge View Point Steering Committee was awarded a \$100,000 Neighborhood Matching Fund (NMF) grant (not reflected in the funding table below). In addition to the Levy and NMF funding, community sponsors of this project are seeking additional funding from private contributions and grant sources. Operations and maintenance costs associated with Levy projects are to be funded out of Levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	250	0	0	0	0	0	0	250
To Be Determined	0	0	150	0	0	0	0	0	150
<b>Project Total:</b>	0	250	150	0	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	250	0	0	0	0	0	0	250
<b>Appropriations Total*</b>	0	250	0	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	10	10	10	11	41
<b>Spending Plan</b>		0	400	0	0	0	0	0	400

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# Parks & Recreation

## Mt. Baker Rowing & Sailing Center - Addition

<b>BCL/Program Name:</b> Building Component Renovations	<b>BCL/Program Code:</b> K72444
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 4th Quarter 2002
<b>Project ID:</b> K73977-02	<b>End Date:</b> 4th Quarter 2006

**Location:** 3800 Lk Wash Blvd. Off Rp

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project renovates and adds storage and flexible program space at the Mt. Baker Rowing and Sailing Center. Plans include remodeling 1,877 square feet of the existing sailhouse and adding 7,132 square feet of new sailhouse, and remodeling 4,346 square feet of the existing crewhouse and adding 2,036 square feet of new crewhouse. Shoreline Park Improvement Fund (SPIF) funding identified below was used to revisit the design program and schematic design of the additions in order to preserve the visual and historic continuity of Lake Washington Boulevard.

The remainder of the project design and construction is funded by the Mt. Baker Boating Advisory Committee (BAC). The BAC has initiated a capital fund drive, seeking to raise approximately \$1.5 million to fund this project. In addition to a \$350,000 Interagency Committee for Outdoor Recreation grant, which was included in the November 2003 Supplemental (Ordinance 121349) and will reimburse the SPIF, the BAC has received and is directly managing two Neighborhood Matching Fund grants totaling \$100,000 to pay for project design and permitting.

The City Council added \$300,000 in CRF funding in the May 2005 Supplemental Ordinance 121796. The private donations budget has been reduced to reflect a reduction in scope. It is the intent of the BAC to raise the necessary funds for project bidding and construction to begin in 2006. The Department originally did not expect this project to substantially increase operation and maintenance (O&M) costs and has communicated to the BAC that it is responsible for developing a sustainable maintenance plan to cover the O&M costs, which have yet to be estimated. This project was formerly in the Mt. Baker Rowing & Sailing Program.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	300	0	0	0	0	0	0	300
King County Funds	31	0	0	0	0	0	0	0	31
State Grant Funds	9	341	0	0	0	0	0	0	350
Private Funding/Donations	0	0	1,173	0	0	0	0	0	1,173
<b>Project Total:</b>	40	641	1,173	0	0	0	0	0	1,854
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	300	0	0	0	0	0	0	300
Shoreline Park Improvement Fund	40	341	0	0	0	0	0	0	381
<b>Appropriations Total*</b>	40	641	0	0	0	0	0	0	681
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		40	1,774	0	0	0	0	0	1,814

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# Parks & Recreation

## Myrtle Reservoir Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 2nd Quarter 2007  
**Project ID:** K733104 **End Date:** 2nd Quarter 2006

**Location:** SW 35th Myrtle/SW 35th Myrtle  
**Neighborhood Plan:** Morgan Junction (MOCA) **Neighborhood Plan Matrix:** Multiple  
**Neighborhood District:** Southwest **Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, develops usable open space for family-oriented activities when the reservoir is lidded. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. The project is to be implemented in coordination with Seattle Public Utilities' Reservoir Covering – Myrtle project (C101076). Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	172	688	0	0	0	0	860
<b>Project Total:</b>	0	0	172	688	0	0	0	0	860
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	172	688	0	0	0	0	860
<b>Appropriations Total*</b>	0	0	172	688	0	0	0	0	860
<b>O &amp; M Costs (Savings)</b>			0	11	36	37	38	39	161
<b>Spending Plan</b>		0	100	760	0	0	0	0	860

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# Parks & Recreation

## Neighborhood Park Acquisitions General

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Acquisitions    **BCL/Program Code:** K723001  
**Project Type:** New Facility    **Start Date:** 2nd Quarter 2001  
**Project ID:** K733001    **End Date:** 4th Quarter 2008

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** 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. More than 20 specific parcels are targeted for purchase under the overall Neighborhood Park Acquisitions Program, as indicated in Ordinance 120024. Such properties are generally developed into new neighborhood and community parks as part of the Neighborhood Park Development category of the 2000 Parks Levy. Acquisitions include: Alki Substation, Ballard Park, Bellevue Substation, California Substation, Capitol Hill Park, Central Area Park (Homer Harris Park), Delridge Open Space, First Hill Park, Green Lake Open Space, Lake City Civic Core, Morgan Substation, North Open Space, Northgate Park and Ride (alternate site approved at the northeast corner of 5th Ave. NE and NE 105th St.), Queen Anne Park, Smith Cove, Sylvan Way, Whittier Substation, and York Substation.

Up to \$16 million is available under the 2000 Parks Levy for projects in the Neighborhood Park Acquisitions Program. When property is purchased, the ancillary costs associated with the specific property are transferred from this project to the property project, along with the actual purchase costs. Funding for most of these related projects is appropriated through individual ordinances rather than the budget process. In 2004, Ordinance 121680 appropriated \$850,000 in 2000 Parks Levy funds to pay for the acquisition of properties authorized for purchase in Ordinances 121170 and 121250 (North Open Space/Thornton Creek area); a portion of this funding was transferred out of this project when the Thornton Creek property was purchased.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	199	170	200	0	0	0	0	569
<b>Project Total:</b>	0	199	170	200	0	0	0	0	569
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	199	170	200	0	0	0	0	569
<b>Appropriations Total*</b>	0	199	170	200	0	0	0	0	569
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	0	0

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# Parks & Recreation

## Neighborhood Park Development General

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 3rd Quarter 2001  
**Project ID:** K733003 **End Date:** 4th Quarter 2009

**Location:** Citywide  
**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** 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 supplies inflation allowance 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 actual project budget.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	34	1,342	2,500	0	0	0	0	0	3,876
<b>Project Total:</b>	34	1,342	2,500	0	0	0	0	0	3,876
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	34	1,342	2,500	0	0	0	0	0	3,876
<b>Appropriations Total*</b>	34	1,342	2,500	0	0	0	0	0	3,876
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	0	0

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# Parks & Recreation

## Neighborhood Response Program

**BCL/Program Name:** Citywide and Neighborhood Projects

**BCL/Program Code:** K72449

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 1999

**Project ID:** K73508

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing program provides funding for major maintenance projects identified by citizens and neighborhood groups. Projects address small scale requests (in the range of \$2,000 to \$40,000), 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. In mid-2002, Friends of View Ridge donated \$30,000 for the renovation of the View Ridge Comfort Station. This private funding reimburses the appropriation from the Cumulative Reserve Subfund - REET II included in Ordinance 121002. Future funding depends on specific projects and available resources.

In 2004, expenses were coded to the wrong fund source (Cumulative Reserve Fund - Unrestricted); this was corrected in 2005 by transferring the expenses to CRF REET II.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	902	473	250	0	0	0	0	0	1,625
Property Sales and Interest Earnings	413	(16)	0	0	0	0	0	0	397
<b>Project Total:</b>	1,315	457	250	0	0	0	0	0	2,022
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	902	473	250	0	0	0	0	0	1,625
Cumulative Reserve Subfund - Unrestricted Subaccount	413	(16)	0	0	0	0	0	0	397
<b>Appropriations Total*</b>	1,315	457	250	0	0	0	0	0	2,022
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		400	307	0	0	0	0	0	707

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

# Parks & Recreation

## Neighborhood Self-Help Program

**BCL/Program Name:** Citywide and Neighborhood Projects

**BCL/Program Code:** K72449

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 1999

**Project ID:** K73506

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing program assists neighborhoods and community groups in planning and developing neighborhood-initiated park projects, including projects identified in Neighborhood Plans. The program helps groups apply for funding and manage projects funded by the NSF/CRF Neighborhood Program (see SDOT project TC365770), the Neighborhood Matching Fund, and other non-City funding. Future funding depends on specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	329	10	0	0	0	0	0	0	339
Property Sales and Interest Earnings	77	100	100	0	0	0	0	0	277
<b>Project Total:</b>	406	110	100	0	0	0	0	0	616
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	329	10	0	0	0	0	0	0	339
Cumulative Reserve Subfund - Unrestricted Subaccount	77	100	100	0	0	0	0	0	277
<b>Appropriations Total*</b>	406	110	100	0	0	0	0	0	616
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## Northgate Community Center Construction

**BCL/Program Name:** 1999 Community Center Improvements

**BCL/Program Code:** K72654

**Project Type:** New Facility

**Start Date:** 1st Quarter 2000

**Project ID:** K73479

**End Date:** 1st Quarter 2006

**Location:** NE 105th St./5th Ave. NE

**Neighborhood Plan:** Northgate

**Neighborhood Plan Matrix:** I.G. 15.7

**Neighborhood District:** North

**Urban Village:** Northgate

This project, part of the 1999 Seattle Center and Community Centers Levy, is the community center element of a new civic center in the Northgate neighborhood which includes the Northgate Park - Development project (K733107) and the Library's Northgate - Construction of New Branch project (B2NGT1). This project acquires property and develops a 20,000-square-foot full-service community center with a 7,000-square-foot gym and related support spaces, meeting rooms, a kitchen, and other program space.

Parks and the Library established a Memorandum of Agreement (MOA) concerning the procedures for acquiring the property and determining how jointly-received revenue and costs will be shared; they established a separate MOA to guide site planning. In 2003, the two departments agreed to jointly contract with a single architect and add an addendum to the existing site planning MOA to guide design and construction. In 2006, the departments will develop a MOA to guide maintenance and operations responsibilities at the Northgate Civic Center.

The property was acquired in 2002 through Ordinance 120870 and interim rental proceeds (\$111,000) were designated to be deposited in the Cumulative Reserve Subfund for site development. In 2004, Ordinance 121680 appropriated an additional \$166,000 of interim rental proceeds from the Cumulative Reserve Subfund - Unrestricted. In late 2004, initial construction bids exceeded the project budget. In order to re-bid the project without dramatically reducing project elements, \$650,000 from the Cumulative Reserve Subfund - REET I was added in 2005. The project was re-bid in early 2005. The construction completion date was delayed one quarter. Estimates of future operating costs reflect the costs of programming and maintenance staff for the new facility based upon the revised 2003 levy fiscal note, and are paid by the General Fund.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	2,953	5,253	0	0	0	0	0	0	8,206
Real Estate Excise Tax I	0	650	0	0	0	0	0	0	650
Property Sales and Interest Earnings	73	204	0	0	0	0	0	0	277
<b>Project Total:</b>	3,026	6,107	0	0	0	0	0	0	9,133
<b>Fund Appropriations/Allocations</b>									
1999 Seattle Center and Community Center Levy Fund	2,953	5,253	0	0	0	0	0	0	8,206
Cumulative Reserve Subfund - REET I Subaccount	0	650	0	0	0	0	0	0	650
Cumulative Reserve Subfund - Unrestricted Subaccount	73	204	0	0	0	0	0	0	277
<b>Appropriations Total*</b>	3,026	6,107	0	0	0	0	0	0	9,133
<b>O &amp; M Costs (Savings)</b>			248	448	457	466	475	485	2,579
<b>Spending Plan</b>		2,450	3,657	0	0	0	0	0	6,107

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

# Parks & Recreation

## Northgate Park - Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2002

**Project ID:** K733107

**End Date:** 1st Quarter 2006

**Location:** NE 105th St./5th Ave. NE

**Neighborhood Plan:** Northgate

**Neighborhood Plan Matrix:** 1.G 15.7

**Neighborhood District:** North

**Urban Village:** Northgate

This project, part of the 2000 Parks Levy, is the park element of a new civic center in the Northgate neighborhood which includes the Northgate Community Center (K73479) and the Library's Northgate - Construction of New Branch (B2NGT1). This project acquires property and develops the 1.67-acre park including 31,000 square feet of level area for active recreation, a new play area, and a public gathering area. In 2002, the property was acquired through Ordinance 120870. Based on the MOAs between the two departments (see Northgate Community Center (K73479) for description), Parks and the Library agreed to jointly contract with a single architect for all three projects. In late 2004, initial construction bids exceeded the project budget. In order to re-bid the project without dramatically reducing project elements, \$400,000 from the 2000 Parks Levy Fund was added in 2005. In 2006, the departments are developing a MOA to guide maintenance and operations responsibilities at the Northgate Civic Center. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	100	1,331	0	0	0	0	0	0	1,431
<b>Project Total:</b>	100	1,331	0	0	0	0	0	0	1,431
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	100	1,331	0	0	0	0	0	0	1,431
<b>Appropriations Total*</b>	100	1,331	0	0	0	0	0	0	1,431
<b>O &amp; M Costs (Savings)</b>			30	31	31	32	33	34	191
<b>Spending Plan</b>		831	500	0	0	0	0	0	1,331

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

# Parks & Recreation

## Northgate Urban Center Park - Acquisition

**BCL/Program Name:** Citywide and Neighborhood Projects **BCL/Program Code:** K72449  
**Project Type:** New Facility **Start Date:** TBD  
**Project ID:** K732287 **End Date:** TBD

**Location:** NE 112th

**Neighborhood Plan:** Northgate

**Neighborhood Plan Matrix:** I.G. 12.6

**Neighborhood District:** North

**Urban Village:** Northgate

This project would acquire a 3.74-acre site on the north end of the Northgate Urban Center for development as a park. The Northgate neighborhood plan identified the site as a possible park, and there is considerable community expectation that the site will one day be a park. The site is currently owned by King County and used as a park and ride facility. King County and the City of Seattle are currently negotiating a purchase and sale agreement, which will determine the final purchase price. King County has ordered an appraisal of the property to facilitate negotiations. Development of a park on the site will likely not take place until after 2008 when King County is expected to relocate its park and ride facility to the south end of Northgate Mall.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
<b>Project Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
O & M Costs (Savings)			N/C	N/C	N/C	N/C	N/C	N/C	0

## Northlake Park (formerly 7th Avenue NE Street End)

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 2nd Quarter 2004  
**Project ID:** K733060 **End Date:** 4th Quarter 2005

**Location:** 7th Ave. NE/NE Northlake Pl.

**Neighborhood Plan:** University

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, and formerly known as 7th Avenue Street End, develops an undeveloped street end in the University District into a 0.1-acre park. Improvements include clearing the site, landscaping, a walkway, and park benches. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	23	181	0	0	0	0	0	0	204
<b>Project Total:</b>	23	181	0	0	0	0	0	0	204
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	23	181	0	0	0	0	0	0	204
<b>Appropriations Total*</b>	23	181	0	0	0	0	0	0	204
<b>O &amp; M Costs (Savings)</b>			13	14	15	15	15	16	88
<b>Spending Plan</b>		172	9	0	0	0	0	0	181

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

# Parks & Recreation

## Opportunity Fund Acquisitions

**BCL/Program Name:** 2000 Parks Levy - Acquisition Opportunity Fund      **BCL/Program Code:** K723007  
**Project Type:** New Facility      **Start Date:** 3rd Quarter 2002  
**Project ID:** K733175      **End Date:** 4th Quarter 2008

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** 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 are transferred to the property project. Acquisitions will be authorized and funded through separate legislative action.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	3	281	0	0	0	0	0	0	284
<b>Project Total:</b>	3	281	0	0	0	0	0	0	284
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	3	281	0	0	0	0	0	0	284
<b>Appropriations Total*</b>	3	281	0	0	0	0	0	0	284
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	0	0

## Orchard Street Ravine Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development      **BCL/Program Code:** K723003  
**Project Type:** Improved Facility      **Start Date:** 3rd Quarter 2005  
**Project ID:** K733108      **End Date:** 3rd Quarter 2006

**Location:** 39th SW/SW Orchard St.

**Neighborhood Plan:** Morgan Junction (MOCA)

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, develops trails to access the Orchard Street ravine. In 2005, an additional \$20,000 was added to the budget to cover the inflation allowance associated with the named Neighborhood Park Development projects. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	34	141	0	0	0	0	0	175
<b>Project Total:</b>	0	34	141	0	0	0	0	0	175
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	34	141	0	0	0	0	0	175
<b>Appropriations Total*</b>	0	34	141	0	0	0	0	0	175
<b>O &amp; M Costs (Savings)</b>			2	7	7	7	8	8	39
<b>Spending Plan</b>		30	145	0	0	0	0	0	175

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# Parks & Recreation

## OSP - Belltown/Lower Queen Anne Waterfront Connections

**BCL/Program Name:** 2000 Parks Levy - Major Park Development      **BCL/Program Code:** K723004  
**Project Type:** New Facility      **Start Date:** 3rd Quarter 2001  
**Project ID:** K733135      **End Date:** 1st Quarter 2007

**Location:** 3130 Alaskan Wy. W

**Neighborhood Plan:** Belltown

**Neighborhood Plan Matrix:** KS1.8

**Neighborhood District:** Downtown

**Urban Village:** Not in an Urban Village

This is one of two components of the Belltown/Lower Queen Anne Waterfront Connections project in the 2000 Parks Levy. The other component is in the Seattle Department of Transportation CIP - Belltown/Queen Anne Waterfront Connections - Thomas St. (TC366210). The City has allocated \$1.5 million from the 2000 Parks Levy to provide partial funding for a pedestrian connection between the Alaskan Way right-of-way and the Seattle Art Museum's (SAM) Olympic Sculpture Park (OSP) parcels. This project provides funding toward a pedestrian crossing of Alaskan Way and the railroad tracks within the proposed OSP, and pedestrian and bicycle trail expansions to provide access to the waterfront and Myrtle Edwards Park. Release of these funds is contingent upon an agreement between the City and the Seattle Art Museum. Other City improvements related to the OSP are described in Olympic Sculpture Park - Devel. & Alaskan Way Improvements (project K731006). The total estimated cost of the pedestrian crossing project is \$3.9 million. The Department and SAM will seek grants or other funding (public or private) to complete the funding package.

In 2005, the Department received a \$300,000 Washington State Interagency Committee for Outdoor Recreation (IAC) grant, appropriated in the second quarter supplemental (Ordinance 121883). The \$1.3 million of private funding listed in the table below reflects SAM's funding match for the IAC grant. Funding for the operations and maintenance costs associated with this project will be negotiated between the Department and SAM. The project schedule is dependent on SAM's fundraising efforts.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	37	1,473	0	0	0	0	0	0	1,510
State Grant Funds	0	300	0	0	0	0	0	0	300
Real Estate Excise Tax I	0	579	0	0	0	0	0	0	579
King County Funds	59	0	0	0	0	0	0	0	59
Private Funding/Donations	0	0	1,324	0	0	0	0	0	1,324
<b>Project Total:</b>	96	2,352	1,324	0	0	0	0	0	3,772
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	37	1,773	0	0	0	0	0	0	1,810
Cumulative Reserve Subfund - REET I Subaccount	0	579	0	0	0	0	0	0	579
Shoreline Park Improvement Fund	59	0	0	0	0	0	0	0	59
<b>Appropriations Total*</b>	96	2,352	0	0	0	0	0	0	2,448
<b>O &amp; M Costs (Savings)</b>			5	19	19	20	20	21	104
<b>Spending Plan</b>		1,500	1,500	676	0	0	0	0	3,676

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# Parks & Recreation

## OSP - Olympic Sculpture Park Devel./Alaskan Way Improvements

<b>BCL/Program Name:</b> Parks Infrastructure	<b>BCL/Program Code:</b> K72441
<b>Project Type:</b> New Facility	<b>Start Date:</b> 2nd Quarter 2000
<b>Project ID:</b> K731006	<b>End Date:</b> 4th Quarter 2007

**Location:** 3130 Alaskan Wy

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Not in an Urban Village

The Seattle Art Museum’s (SAM) Olympic Sculpture Park (OSP) is being developed on two parcels north of Broad Street, between Western Avenue and Alaskan Way, and will be free to the public. The City and SAM have completed a Design Agreement allowing joint planning of the OSP and public improvements. This CIP project funds public improvements along Alaskan Way and within Myrtle Edwards Park associated with OSP development.

In 2001, \$2 million in Cumulative Reserve Subfund (CRF) was provided to acquire an additional parcel at 10 Broad St. to create continuous, publicly-accessible open space, and SAM pledged \$2 million in private funding to support improvements. The City and SAM are pursuing grants and other funding sources to redevelop 1.8 acres of Alaskan Way right-of-way as a trail and open space that will become part of the OSP. The City has also allocated \$1.5 million of 2000 Parks Levy fund (OSP - Belltown/Lower Queen Anne Waterfront Connections project K733135) to provide partial funding for a pedestrian connection between the Alaskan Way right-of-way and the OSP parcels. SAM is expected to fund operations and maintenance costs associated with this development.

In the second quarter 2005 supplemental (Ordinance 121883), the Department was awarded a Washington State Interagency Committee for Outdoor Recreation (IAC) grant of \$500,000 to add an additional shoreline improvement element adjacent to the main entrance to Myrtle Edwards Park. This project element establishes native plantings, and improves the shoreline rip-rap and irrigation.

Funding for operations and maintenance costs associated with this element will be negotiated between the Department and SAM. This project, formerly in the Facility Development Program, supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments. The project schedule is dependent on SAM's fundraising efforts.

<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
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## Parks & Recreation

<b>Revenue Sources</b>									
King County Voter-Approved Levy	170	830	0	0	0	0	0	0	1,000
Real Estate Excise Tax I	2,000	0	0	0	0	0	0	0	2,000
Property Sales and Interest Earnings	1,000	0	0	0	0	0	0	0	1,000
State Grant Funds	0	500	0	0	0	0	0	0	500
King County Funds	6	104	0	0	0	0	0	0	110
Private Funding/Donations	553	9	1,498	0	0	0	0	0	2,060
<b>Project Total:</b>	<b>3,729</b>	<b>1,443</b>	<b>1,498</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,670</b>
<b>Fund Appropriations/Allocations</b>									
Conservations Future Fund	170	830	0	0	0	0	0	0	1,000
Cumulative Reserve Subfund - REET I Subaccount	2,000	0	0	0	0	0	0	0	2,000
Cumulative Reserve Subfund - Unrestricted Subaccount	1,000	500	0	0	0	0	0	0	1,500
Shoreline Park Improvement Fund	6	104	0	0	0	0	0	0	110
<b>Appropriations Total*</b>	<b>3,176</b>	<b>1,434</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,610</b>
<b>O &amp; M Costs (Savings)</b>			<b>0</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>57</b>
<b>Spending Plan</b>		<b>600</b>	<b>1,100</b>	<b>1,241</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,941</b>

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# Parks & Recreation

## Parks Maintenance Facility Acquisition

**BCL/Program Name:** Debt Service and Contract Obligation

**BCL/Program Code:** K72440

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 1999

**Project ID:** K73502

**End Date:** 4th Quarter 2022

**Location:** 4201 W Marginal Wy. SW

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project funds debt service payments on Limited Tax General Obligation debt issued in 2002 to pay for the acquisition of the Westbridge Building, a facility that replaced the Department's primary maintenance facility at Roy St. In August 2003, Ordinance 121248 authorized an Interagency Agreement for the transfer of the Roy St. Shops Facility from the Department to City Light. The Agreement calls for City Light's payment of \$5.57 million over time.

In 2005, City Light made their final payment of \$6.081 million for the Roy St. property, which was deposited into the Park and Recreation Fund; a portion of this payment was appropriated to pay the 2005 debt service (Ordinance 121796). Debt service on the Westbridge facility in future years may be repaid from the payment from City Light, interest earnings on the 2002 debt, future lease income from tenants occupying part of the facility, and other fund sources to the Park Operating Fund. Operations and maintenance costs identified below are associated with increased utility costs at Westbridge, and are proposed to be funded with Westbridge tenant revenue.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	468	0	0	0	0	0	0	0	468
Real Estate Excise Tax I	2,050	600	600	600	600	600	600	600	6,250
Private Funding/Donations	88	80	0	0	0	0	0	0	168
City Light Fund Revenues	0	4,501	81	84	81	81	78	80	4,986
General Subfund Revenues	0	0	38	39	40	41	42	42	242
<b>Project Total:</b>	2,606	5,181	719	723	721	722	720	722	12,114
<b>Fund Appropriations/Allocations</b>									
2002 LTGO Capital Project Fund	468	0	0	0	0	0	0	0	468
Cumulative Reserve Subfund - REET I Subaccount	2,050	600	600	600	600	600	600	600	6,250
Cumulative Reserve Subfund - Unrestricted Subaccount	88	80	0	0	0	0	0	0	168
Park and Recreation Operating Fund	0	4,501	119	123	121	122	120	122	5,228
<b>Appropriations Total*</b>	2,606	5,181	719	723	721	722	720	722	12,114
<b>O &amp; M Costs (Savings)</b>			50	52	53	54	55	56	320

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# Parks & Recreation

## Parks Upgrade Program

<b>BCL/Program Name:</b> Parks Upgrade Program - CDBG	<b>BCL/Program Code:</b> K72861
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 1st Quarter 1986
<b>Project ID:</b> K73861	<b>End Date:</b> Ongoing

**Location:** 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

Since 1986, more than \$5.2 million in Community Development Block Grant (CDBG) funding has been allocated to the Parks Upgrade Program for minor capital improvements in low-income area parks throughout the city. By using labor contracted under the Department's Conservation Corps Program and the Southeast Effective Development (SEED) to perform this work, the Parks Upgrade Program also provides training opportunities for low-income, homeless, and other at-risk community members. The program fulfills the CDBG program's goals by developing new approaches to neighborhood infrastructure improvements and improving access to jobs and skills training for low-income residents. 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.

In 2004, the Department of Neighborhoods transferred \$57,461 of CDBG funds to this project for work on Kobe Terrace Park; this was not reflected in the 2005 CIP. Future allocations for this program will depend on availability of federal funding. Operations and maintenance costs for these projects are paid for by the General Fund.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Community Development Block Grant	4,878	927	508	0	0	0	0	0	6,313
<b>Project Total:</b>	4,878	927	508	0	0	0	0	0	6,313
<b>Fund Appropriations/Allocations</b>									
Community Development Block Grant Fund	4,878	927	508	0	0	0	0	0	6,313
<b>Appropriations Total*</b>	4,878	927	508	0	0	0	0	0	6,313
<b>O &amp; M Costs (Savings)</b>			0	40	40	40	40	40	200
<b>Spending Plan</b>		800	635	0	0	0	0	0	1,435

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# Parks & Recreation

## Pavement Restoration Program

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 1999  
**Project ID:** K73512 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project seal-coats new pavement to extend its lifespan, provides pavement patching and sub-grade repairs, overlays small areas, and addresses safety issues associated with pavement failures (e.g., heaving, sinking, cracking, and root invasion) Citywide. Repairs further reduce damage to asphalt, lengthen pavement lifespan, and reduce safety hazards, such as uneven pavement. Future funding depends on specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	475	114	50	0	0	0	0	0	639
<b>Project Total:</b>	475	114	50	0	0	0	0	0	639
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	475	114	50	0	0	0	0	0	639
<b>Appropriations Total*</b>	475	114	50	0	0	0	0	0	639
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		100	64	0	0	0	0	0	164

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# Parks & Recreation

## Picnic Areas Renovation

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2006  
**Project ID:** K732282 **End Date:** 4th Quarter 2006

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project replaces picnic tables and grills, installs table pads, and installs a paved pathway at sites throughout the City. Many of the 326 picnic tables and 36 shelters in the Parks system are in need of repair. This project provides dedicated funding to repair these assets to assure their continued use by the public and revenue generation from rental fees for the Department.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	0	0	29	0	0	0	0	0	29
<b>Project Total:</b>	0	0	29	0	0	0	0	0	29
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	29	0	0	0	0	0	29
<b>Appropriations Total*</b>	0	0	29	0	0	0	0	0	29
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Pier 58 Piling Corrosion Inspection

**BCL/Program Name:** Docks/Piers/Floats/Seawalls/Shorelines **BCL/Program Code:** K72447  
**Project Type:** Rehabilitation or Restoration **Start Date:** 3rd Quarter 2005  
**Project ID:** K732278 **End Date:** 4th Quarter 2006

**Location:** 1301 Alaskan Wy.

**Neighborhood Plan:** DUCPG (Downtown Urban Center Planning Group)

**Neighborhood Plan Matrix:** LU-21

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

This project assesses the condition of the steel-reinforced concrete pilings at Pier 58.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	40	80	0	0	0	0	0	120
<b>Project Total:</b>	0	40	80	0	0	0	0	0	120
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	40	80	0	0	0	0	0	120
<b>Appropriations Total*</b>	0	40	80	0	0	0	0	0	120
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		30	90	0	0	0	0	0	120

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

# Parks & Recreation

## Pier 62/63 - Piling Replacement

**BCL/Program Name:** Docks/Piers/Floats/Seawalls/Shorelines      **BCL/Program Code:** K72447  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2002  
**Project ID:** K731082      **End Date:** 2nd Quarter 2008

**Location:** 1951 Alaskan Wy

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

This project originally provided funding to make the improvements recommended in the May 2002 update to the Pier 62/63 Maintenance Plan including removing deteriorated creosote treated pilings, installing replacement steel pilings, repairing 30 lineal feet of piling cap, repairing and replacing decking, and replacing 1,600 lineal feet of deteriorated or missing fire wall. These improvements were required to maintain use of this pier. This phase of the project was funded by reprogramming and re-appropriating balances in numerous Parks projects.

An evaluation of Pier 62/63 by Seattle Structural was completed in 2003. The most recent information indicates that, rather than continuing an incremental replacement approach, age and deterioration require that the entire pier piling system be replaced. In 2004, \$140,000 was transferred into this project from existing projects to do emergency repairs to the pier. This project funds the planning of this more comprehensive repair strategy, which is expected to cost \$12-14 million (not reflected in the table below). It is anticipated that a major portion of the funding will be financed with Councilmanic debt in 2007. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

In approving \$500,000 in the 2005 Budget, the Council requested that the Department present alternative design concepts for a renovated Pier 62/63 open space prior to proceeding with the project. The design concepts should derive from work underway by the Department of Planning and Development on waterfront and seawall/Viaduct planning.

On November 4, 2004, 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	530	0	0	0	0	0	0	0	530
Real Estate Excise Tax II	821	500	0	0	0	0	0	0	1,321
Property Sales and Interest Earnings	273	0	0	0	0	0	0	0	273
<b>Project Total:</b>	1,624	500	0	0	0	0	0	0	2,124
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	530	0	0	0	0	0	0	0	530
Cumulative Reserve Subfund - REET II Subaccount	821	500	0	0	0	0	0	0	1,321
Cumulative Reserve Subfund - Unrestricted Subaccount	273	0	0	0	0	0	0	0	273
<b>Appropriations Total*</b>	1,624	500	0	0	0	0	0	0	2,124
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## 2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## Pinehurst Pocket Park

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** New Facility    **Start Date:** 4th Quarter 2005  
**Project ID:** K733236    **End Date:** 4th Quarter 2006

**Location:** NE 117th St/19th Ave NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, develops this site, which was recently purchased as part of the Levy's Opportunity Fund acquisition program. In 2005, the 2000 Parks Levy Oversight Committee recommended this development project for funding from the Levy program's Opportunity Fund. In 2005, the Pinehurst Community Council was awarded a \$75,000 Neighborhood Matching Fund grant (NMF) (not reflected in the funding table below). In addition to the Levy and NMF funding, community sponsors of this project are seeking additional funding from private contributions and grant sources. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	100	0	0	0	0	0	0	100
To Be Determined	0	0	25	0	0	0	0	0	25
<b>Project Total:</b>	0	100	25	0	0	0	0	0	125
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	100	0	0	0	0	0	0	100
<b>Appropriations Total*</b>	0	100	0	0	0	0	0	0	100
<b>O &amp; M Costs (Savings)</b>			0	14	15	15	15	16	75
<b>Spending Plan</b>		0	125	0	0	0	0	0	125

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

# Parks & Recreation

## Pioneer Square - Area Park Renovations

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** Rehabilitation or Restoration

**Start Date:** 3rd Quarter 2001

**Project ID:** K733109

**End Date:** 2nd Quarter 2006

**Location:** 100 Yesler Wy.

**Neighborhood Plan:** Pioneer Square

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Downtown

**Urban Village:** Pioneer Square

This project, part of the 2000 Parks Levy and the Mayor's Downtown Parks Initiative, improves the historic Pioneer Square Park and Occidental Square to increase accessibility, safety, and usability. The first phase of improvements, recommended in the Pioneer Square Park Implementation Plan approved in November 2002, includes improvements to cobblestone pavers, new lighting, and landscaping. The November 2003 Supplemental (Ordinance 121349) accepted a grant of \$233,140 from the Pioneer Square Community Association. These funds reimburse the 2000 Parks Levy Fund. The grant pays for lighting, accessibility improvements, and park furnishings in Pioneer Square, Occidental Square and Occidental Mall.

In 2004, the Department hired a consultant firm, Project for Public Spaces (PPS), to work with the Department and the community to develop recommendations for improvements at Occidental Square. The 2005 Adopted Budget included an additional \$1.2 million to implement some of these recommendations including improving hard surfaces, removing the pergola, renovating the totem garden and totems, installing bocce courts and chess tables, lighting in the Occidental corridor and within the park, adding electricity and bollards to support vending concessions in the mall, upgrading park furnishings, renovating the fountain, and removing and pruning trees. The Department also conducted a feasibility study for constructing a café in the park. Funding for this element is included in the 2006 budget.

In the 2005 budget process, Council adopted a proviso restricting expenditure of the 2005 appropriation pending authorization by a future ordinance. That proviso was lifted in 2005 through Ordinance 121772. This Ordinance also requires the Department to replace each tree removed from Occidental Park as part of this project with two new trees.

Future operating costs for this project are funded by both the Levy and the General Subfund. The operating costs driven by capital improvements funded by the Cumulative Reserve Subfund are funded by the General Subfund. Operating costs driven by capital improvements funded by the 2000 Parks Levy are funded by the levy through 2008. Significant changes in the park's uses and design may add programming costs beyond those funded by the levy and these will be considered in a separate process.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	225	8	0	0	0	0	0	0	233
Seattle Voter-Approved Levy	279	815	0	0	0	0	0	0	1,094
Real Estate Excise Tax II	0	1,000	300	0	0	0	0	0	1,300
<b>Project Total:</b>	504	1,823	300	0	0	0	0	0	2,627
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	504	823	0	0	0	0	0	0	1,327
Cumulative Reserve Subfund - REET II Subaccount	0	1,000	300	0	0	0	0	0	1,300
<b>Appropriations Total*</b>	504	1,823	300	0	0	0	0	0	2,627
<b>O &amp; M Costs (Savings)</b>			54	55	56	57	58	59	339
<b>Spending Plan</b>		823	1,300	0	0	0	0	0	2,123

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

### 2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## Play Area Safety Program

**BCL/Program Name:** Ballfields/Athletic Courts/Play Areas

**BCL/Program Code:** K72445

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2003

**Project ID:** K732218

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** NA

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program renovates play areas and makes ADA improvements and safety upgrades. The program focuses on addressing safety issues at three to five play areas per year. Initially, the program is focused on installing proper safety surfacing at large swing sets. In 2004, \$10,000 was transferred from this project to the Soundview Terrace Play Area Renovation project (K732083). Future funding depends on specific projects and available resources. Operations and maintenance costs for this project are paid for by the General Fund.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	160	190	120	0	0	0	0	0	470
<b>Project Total:</b>	160	190	120	0	0	0	0	0	470
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	160	190	120	0	0	0	0	0	470
<b>Appropriations Total*</b>	160	190	120	0	0	0	0	0	470
<b>O &amp; M Costs (Savings)</b>			10	15	15	15	16	16	87
<b>Spending Plan</b>		170	140	0	0	0	0	0	310

## Playfields and Facilities General

**BCL/Program Name:** 2000 Parks Levy - Playfields and Facilities

**BCL/Program Code:** K723005

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2001

**Project ID:** K733005

**End Date:** 4th Quarter 2008

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project includes the inflation allowance for the 2000 Parks Levy - Playfields and Facilities Development CIP Program K723005. The project supplies inflation allowance for projects on a case by case basis. As a project begins the planning phase, the inflation allowance is calculated and transferred from this project to the actual project budget.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	12	731	252	0	0	0	0	0	995
<b>Project Total:</b>	12	731	252	0	0	0	0	0	995
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	12	731	252	0	0	0	0	0	995
<b>Appropriations Total*</b>	12	731	252	0	0	0	0	0	995
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	0	0

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## 2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## Powell Barnett Legacy Project

**BCL/Program Name:** 2000 Parks Levy - Development Opportunity Fund    **BCL/Program Code:** K723008  
**Project Type:** Improved Facility    **Start Date:** 4th Quarter 2005  
**Project ID:** K733237    **End Date:** 4th Quarter 2007

**Location:** 352 ML King Jr Wy

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Central

**Urban Village:** 23rd Ave. @ Jackson

This project, part of the 2000 Parks Levy, makes improvements to increase the use and enhance the safety of the Powell Barnett Park. In 2005, the 2000 Parks Levy Oversight Committee recommended this development project for funding from the Levy program's Opportunity Fund. The Friends of Powell Barnett were awarded \$22,000 in two Small and Simple Neighborhood Matching Fund (NMF) grants (not reflected in the funding table below). In addition to the Levy and NMF funding, community sponsors of this project are seeking additional funding from private contributions and grant sources. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	0	0	0	0	0	0	200
To Be Determined	0	0	178	0	0	0	0	0	178
<b>Project Total:</b>	0	200	178	0	0	0	0	0	378
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	200	0	0	0	0	0	0	200
<b>Appropriations Total*</b>	0	200	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			0	0	17	17	18	18	70
<b>Spending Plan</b>		0	0	378	0	0	0	0	378

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# Parks & Recreation

## Prefontaine Place - Fountain Renovation

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 3rd Quarter 2003  
**Project ID:** K732009 **End Date:** On hold

**Location:** 3rd Ave./Yesler Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Pioneer Square

This project renovates the Prefontaine Place Fountain to enhance safety, reduce maintenance, and increase resource conservation. This project is currently on hold until the City Hall Park design is complete, which is expected by the first quarter of 2006.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	8	120	0	0	0	0	0	0	128
<b>Project Total:</b>	8	120	0	0	0	0	0	0	128
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	8	120	0	0	0	0	0	0	128
<b>Appropriations Total*</b>	8	120	0	0	0	0	0	0	128
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	120	0	0	0	0	0	120

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# Parks & Recreation

## Preliminary Studies & Engineering Program

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 1999  
**Project ID:** K73510 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project funds small engineering and other types of studies, associated cost estimating, and related staff and consultant support for development of major maintenance plan projects. Future funding depends on specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	825	15	0	0	0	0	0	0	840
Property Sales and Interest Earnings	0	250	200	0	0	0	0	0	450
<b>Project Total:</b>	825	265	200	0	0	0	0	0	1,290
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	825	15	0	0	0	0	0	0	840
Cumulative Reserve Subfund - Unrestricted Subaccount	0	250	200	0	0	0	0	0	450
<b>Appropriations Total*</b>	825	265	200	0	0	0	0	0	1,290
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		255	210	0	0	0	0	0	465

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# Parks & Recreation

## Puget Boulevard Commons Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2004

**Project ID:** K733110

**End Date:** 2nd Quarter 2006

**Location:** Delridge Way SW/26th Ave. SW

**Neighborhood Plan:** Delridge

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Delridge

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, improves a portion of a 1.9-acre site at Puget Boulevard, including potential expansion of the P-patch at Puget Boulevard Commons. The site is close to Brandon Mini-Park and Greg Davis Park, two other 2000 Parks Levy neighborhood park development projects. The scope of work for this project was developed through a community process, working within the budget identified below and other non-levy fund sources that become available. In 2005, project bids came in higher than anticipated. The scope of the project may be revised to reduce the cost, and actual construction will be delayed. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	15	664	0	0	0	0	0	0	679
<b>Project Total:</b>	15	664	0	0	0	0	0	0	679
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	15	664	0	0	0	0	0	0	679
<b>Appropriations Total*</b>	15	664	0	0	0	0	0	0	679
<b>O &amp; M Costs (Savings)</b>			7	8	9	9	9	10	52
<b>Spending Plan</b>		250	414	0	0	0	0	0	664

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**2006-2011 Proposed Capital Improvement Program**

# Parks & 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> 1st Quarter 1997
<b>Project ID:</b> K73127	<b>End Date:</b> 4th Quarter 2006

**Location:** 1900 SW Dawson St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project funds a voluntary 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 entered into negotiation with all parties on a settlement for funding cleanup costs incurred in the past, as well as future site mitigation costs. An initial appropriation of \$170,000, authorized in 1997, funded both the design and initial cleanup, and the maintenance and monitoring contracts for the last seven years. The initial cleanup remedy did not work as expected and additional groundwater studies have been initiated. Total new costs of approximately \$688,000 are shared by the four parties. The City has already overpaid its share of total anticipated costs (\$139,000), and has established a mechanism whereby payments to be collected into an escrow account from other parties are used to cover these future costs and reimbursement of the City overpayment. Project expenses that have been incurred in the Department's operating budget are reimbursed from the escrow account (shown as private funding below).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Subfund Revenues	148	0	0	0	0	0	0	0	148
Private Funding/Donations	74	430	0	0	0	0	0	0	504
<b>Project Total:</b>	222	430	0	0	0	0	0	0	652
<b>Fund Appropriations/Allocations</b>									
Emergency Subfund	148	0	0	0	0	0	0	0	148
Park and Recreation Operating Fund	74	430	0	0	0	0	0	0	504
<b>Appropriations Total*</b>	222	430	0	0	0	0	0	0	652
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## Queen Anne Boulevard Improvements

**BCL/Program Name:** 2000 Parks Levy - Trails and Boulevards

**BCL/Program Code:** K723006

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2005

**Project ID:** K733151

**End Date:** 1st Quarter 2008

**Location:** Queen Anne Blvd.

**Neighborhood Plan:** Queen Anne

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, upgrades the historic Queen Anne Boulevard with pedestrian amenities, lighting, and landscaping. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	15	200	285	0	0	0	0	500
<b>Project Total:</b>	0	15	200	285	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	15	200	285	0	0	0	0	500
<b>Appropriations Total*</b>	0	15	200	285	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		15	85	300	100	0	0	0	500

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# Parks & Recreation

## Queen Anne Park Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 1st Quarter 2005  
**Project ID:** K733111 **End Date:** 1st Quarter 2008

**Location:** 700 Queen Anne Ave. N

**Neighborhood Plan:** Queen Anne

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This project develops a site, purchased in 2004 with 2000 Parks Levy funding, into a neighborhood park. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. The community plans an ambitious one year fundraising effort, and the Department will extend the design phase until early 2007 to accommodate this effort. In 2005, an additional \$35,000 was added to the budget to cover the inflation allowance associated with the named Neighborhood Park Development projects. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	59	245	0	0	0	0	0	304
<b>Project Total:</b>	0	59	245	0	0	0	0	0	304
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	59	245	0	0	0	0	0	304
<b>Appropriations Total*</b>	0	59	245	0	0	0	0	0	304
<b>O &amp; M Costs (Savings)</b>			0	2	28	30	31	31	122
<b>Spending Plan</b>		50	15	200	39	0	0	0	304

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# Parks & Recreation

## Rainier Beach Public Plaza - Development

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 3rd Quarter 2001  
**Project ID:** K733112 **End Date:** 3rd Quarter 2007

**Location:** 8825 Rainier Ave. S

**Neighborhood Plan:** Rainier Beach

**Neighborhood Plan Matrix:** C-1.5.5

**Neighborhood District:** Southeast

**Urban Village:** Rainier Beach

This project, part of the 2000 Parks Levy, develops a public gathering place at the southeast corner of Rainier Ave. S and S Henderson. The site is owned by the Seattle School District and currently consists of asphalt and raised planters. The Rainier Beach Community Center is easily accessible from this plaza. The project is to be built in conjunction with the renovation of the adjacent New School at South Shore. The Department intends to establish an agreement with the School District related to public use of the plaza. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance funding associated with this project is to be negotiated with the Seattle School District.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	16	148	0	0	0	0	0	0	164
<b>Project Total:</b>	16	148	0	0	0	0	0	0	164
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	16	148	0	0	0	0	0	0	164
<b>Appropriations Total*</b>	16	148	0	0	0	0	0	0	164
<b>O &amp; M Costs (Savings)</b>			0	9	24	24	25	25	107
<b>Spending Plan</b>		0	50	98	0	0	0	0	148

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# Parks & Recreation

## Ravenna Creek - Daylighting

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2001  
**Project ID:** K733079 **End Date:** 2nd Quarter 2006

**Location:** 5520 Ravenna Ave. NE

**Neighborhood Plan:** University

**Neighborhood Plan Matrix:** D4

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, improves Ravenna Creek by converting parts of the creek from a subterranean channel to an open creek bed in a natural stream channel. The creek is located within the Cowen Park and Ravenna Park boundaries. This project includes significant grading work and landscaping, re-creating the open creek channel. The project is to be split into two sub-projects, each with overlapping schedules. The Cowen Park project was completed in 2004. Ordinance 121578, authorizing an agreement between the City and King County concerning the restoration of Ravenna Creek within Ravenna Park and providing \$1.7 million in funding for this project, was approved by the City Council in early September 2004. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

In the 2005 CIP budget, the \$1.7 million in funding from King County was reflected twice. That has been corrected in the 2006 CIP. Also, the County had originally planned to give Parks \$1.7 million, but actually provided \$1.655 million; the remainder was related to the Arts Commission share of the funding and was paid directly to the Office of Arts and Cultural Affairs. In 2006, Parks will abandon \$45,000 in appropriation.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	419	1,281	(45)	0	0	0	0	0	1,655
Seattle Voter-Approved Levy	445	5	0	0	0	0	0	0	450
<b>Project Total:</b>	864	1,286	(45)	0	0	0	0	0	2,105
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	864	1,286	(45)	0	0	0	0	0	2,105
<b>Appropriations Total*</b>	864	1,286	(45)	0	0	0	0	0	2,105
<b>O &amp; M Costs (Savings)</b>			8	8	9	9	9	10	53
<b>Spending Plan</b>		741	500	0	0	0	0	0	1,241

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

# Parks & Recreation

## Ross Park Shelterhouse Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2004  
**Project ID:** K733114 **End Date:** 1st Quarter 2006

**Location:** 4320 4th Ave. NW

**Neighborhood Plan:** Fremont

**Neighborhood Plan Matrix:** II OS10

**Neighborhood District:** Lake Union

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, renovates the existing shelterhouse, originally built in 1925, for community use, and improves landscaping adjacent to the shelterhouse as needed at the 2.3-acre Ross Park. The project is anticipated to be substantially completed in 2005, with closeout in 2006. Operations and maintenance costs associated with 2000 Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	57	488	0	0	0	0	0	0	545
<b>Project Total:</b>	57	488	0	0	0	0	0	0	545
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	57	488	0	0	0	0	0	0	545
<b>Appropriations Total*</b>	57	488	0	0	0	0	0	0	545
<b>O &amp; M Costs (Savings)</b>			5	11	12	12	12	13	65
<b>Spending Plan</b>		430	58	0	0	0	0	0	488

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

# Parks & Recreation

## Roxhill Park ADA Comfort Station Improvements

**BCL/Program Name:** Citywide and Neighborhood Projects

**BCL/Program Code:** K72449

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2006

**Project ID:** K732289

**End Date:** 2nd Quarter 2007

**Location:** 2850 SW Roxbury St

**Neighborhood Plan:** Westwood & Highland Park

**Neighborhood Plan Matrix:** NT3

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project improves ADA access to the Roxhill Park Comfort Station, including installing signs, wider doors, new partitions, new fixtures, and reconfiguring the space as necessary. This project is funded as part of the 2006 CRF Neighborhood Program. Projects funded through this program are proposed and prioritized by District Councils, and selected by a team of City staff from the Department of Neighborhoods, Parks, Seattle Department of Transportation, and the Department of Finance.

Operations and maintenance costs have not yet been calculated for this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	57	0	0	0	0	0	57
<b>Project Total:</b>	0	0	57	0	0	0	0	0	57
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	57	0	0	0	0	0	57
<b>Appropriations Total*</b>	0	0	57	0	0	0	0	0	57
<b>O &amp; M Costs (Savings)</b>			NC	NC	NC	NC	NC	NC	0
<b>Spending Plan</b>		0	40	17	0	0	0	0	57

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

# Parks & Recreation

## Sand Point Magnuson Park - Athletic Field Renovation

<b>BCL/Program Name:</b> 2000 Parks Levy - Playfields and Facilities	<b>BCL/Program Code:</b> K723005
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 3rd Quarter 2000
<b>Project ID:</b> K733140	<b>End Date:</b> 4th Quarter 2007

**Location:** 6500 Sand Point Wy. NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, develops approximately five athletic fields at Warren G. Magnuson Park. Some or all of these fields will have synthetic surfaces and be lighted. This project constitutes a portion of Phase 2 of the Wetland and Wildlife Habitat and Athletic Fields Development project at Magnuson Park. The other portion of Phase 2 is the Sand Point Magnuson Park Wetlands Development project (K733133). The full athletic complex is proposed to include four full-size soccer, one rugby, two full-size baseball, and two small baseball fields as well as provide for tennis courts and basketball courts. Total costs of the complex, including the Sports Meadow funded in project K73605, are approximately \$40 million. An additional \$30 million is required to complete the entire plan. The project includes a \$25,000 allocation of 2002 NSF/CRF Neighborhood Program funding to design a NE 65th St. entrance to serve the fields.

In the 2004 budget process, Council adopted a proviso that limited the total combined spending on this project and the Sand Point Magnuson Park – Wetlands Development (project K733133) to no more than \$100,000 in 2004 until authorized by future ordinance. Ordinance 121502, which approved the Magnuson Park Wetland/Habitat and Athletic Field Master Plan, removed this budget proviso.

In the 2005 budget process, Council adopted a proviso that restricts spending any of the funding for construction of Phase 2 fields until authorized by a future ordinance. Operations and maintenance costs associated with levy projects are to be funded out of levy proceeds through 2008. In 2005, an additional \$1.4 million was allocated to this project to cover the inflation allowance associated with the named Playfield Development projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1,427	4,855	4,379	0	0	0	0	0	10,661
Property Sales and Interest Earnings	25	0	0	0	0	0	0	0	25
<b>Project Total:</b>	1,452	4,855	4,379	0	0	0	0	0	10,686
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	1,427	4,855	4,379	0	0	0	0	0	10,661
Cumulative Reserve Subfund - Unrestricted Subaccount	25	0	0	0	0	0	0	0	25
<b>Appropriations Total*</b>	1,452	4,855	4,379	0	0	0	0	0	10,686
<b>O &amp; M Costs (Savings)</b>			0	0	174	179	183	188	724
<b>Spending Plan</b>		3,305	3,760	2,169	0	0	0	0	9,234

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

# Parks & Recreation

## Sand Point Magnuson Park - Boat Ramp & Pier Renovation

**BCL/Program Name:** Docks/Piers/Floats/Seawalls/Shorelines

**BCL/Program Code:** K72447

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2002

**Project ID:** K732099

**End Date:** 1st Quarter 2007

**Location:** 6500 Sand Point Wy NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project improves the existing boat ramp system at Warren G. Magnuson Park by adding a floating dock at the end of one of the piers to relieve boat congestion and provide access for users with disabilities. The project also replaces the deteriorated planked ramps with solid concrete ramps, increases the length of the ramps by 20 feet, and rebuilds the decking on the three piers, making each pier one height. A 2002 grant from the Interagency Committee for Outdoor Recreation in the amount of \$200,000 reimburses the appropriation from the CRF - Unrestricted Subaccount included in Ordinance 120740. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	16	104	250	0	0	0	0	0	370
State Grant Funds	35	165	0	0	0	0	0	0	200
<b>Project Total:</b>	51	269	250	0	0	0	0	0	570
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	16	104	250	0	0	0	0	0	370
Cumulative Reserve Subfund - Unrestricted Subaccount	35	165	0	0	0	0	0	0	200
<b>Appropriations Total*</b>	51	269	250	0	0	0	0	0	570
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		5	400	114	0	0	0	0	519

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

# Parks & Recreation

## Sand Point Magnuson Park - Northshore, Pier, and Log Boom

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 1999  
**Project ID:** K73965 **End Date:** 1st Quarter 2006

**Location:** 6500 Sand Point Wy. NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project improves 1,200 lineal feet of the Warren G. Magnuson Park Pontiac Bay shoreline by removing a near shore roadway, extensive asphalt and concrete rubble, an over-water building, and dilapidated docks and replacing them with an aquatic habitat area with a natural sand and gravel shoreline meeting specifications outlined by state and federal agencies. In addition, it provides for non-motorized boating, including three ramps, floating docks, a fast launch floating dock, a boat launching beach, on-land boat storage, and a picnic area, all of which meet the specifications of state and federal permitting agencies.

The development phase of the project (identified as Sand Point Magnuson Park - Northshore Improvements in the 2002-2007 CIP) began in 1999 and was completed in the first quarter of 2005. To comply with federal permitting requirements, part of Building 31, the old docks, part of the floating log boom, and the floating boathouse will be removed. Total development costs of the recreation area improvements included in the Sand Point Magnuson Park Master Plan are estimated to be \$6 million. The Department has received approval of an Interagency Committee for Outdoor Recreation (IAC) grant in the amount of \$500,000 for this project; these funds were included in the November 2003 Supplemental (Ordinance 121349) and reimburse the Shoreline Park Improvement Fund. In addition, this project replaces the small finger pier at the north shore, which is in major disrepair. The project also repairs the log boom that provides protection for shoreline activity and protects against erosion. These improvements prevent further erosion of the shoreline. Due to permitting requirements and the overall plan for the north shore, the replacement pier is to be located southeast of the existing location. This project was formerly in the Magnuson Park Program. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments. New operating and maintenance costs associated with this project will be paid by the General Fund.

The fund table below includes a correction to reflect a \$20,000 appropriation via Ordinance 119344 (1999).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3	546	0	0	0	0	0	0	549
Property Sales and Interest Earnings	23	0	0	0	0	0	0	0	23
King County Funds	681	1,144	0	0	0	0	0	0	1,825
State Grant Funds	20	0	0	0	0	0	0	0	20
<b>Project Total:</b>	<b>727</b>	<b>1,690</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,417</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	3	546	0	0	0	0	0	0	549
Cumulative Reserve Subfund - Unrestricted Subaccount	23	0	0	0	0	0	0	0	23
Shoreline Park Improvement Fund	701	1,144	0	0	0	0	0	0	1,845
<b>Appropriations Total*</b>	<b>727</b>	<b>1,690</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,417</b>
<b>O &amp; M Costs (Savings)</b>			25	25	26	26	27	27	156
<b>Spending Plan</b>		755	935	0	0	0	0	0	1,690

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

# Parks & Recreation

## Sand Point Magnuson Park - Wetlands Development

**BCL/Program Name:** 2000 Parks Levy - Major Park Development      **BCL/Program Code:** K723004  
**Project Type:** Improved Facility      **Start Date:** 3rd Quarter 2000  
**Project ID:** K733133      **End Date:** 1st Quarter 2007

**Location:** 6500 Sand Point Wy. NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, is the first phase of development of approximately 65 acres of wetlands and upland at Warren G. Magnuson Park. The project is combined with the 2001 project Sand Point Magnuson Park - Wetlands Restoration (K73503), which funded the design for the drainage in the park, demolition of two small buildings, and the removal of a portion of asphalt pavement near the athletic fields and wetland area.

In 2000, the State of Washington Department of Community, Trade, and Economic Development awarded a \$500,000 grant to this project which reimburses the appropriation from the CRF - Unrestricted Subaccount included in Ordinance 119959. In the 2004 budget process, Council adopted a proviso that limited the total combined spending on this project and the Sand Point Magnuson Park – Wetlands Development (project K733133) to no more than \$100,000 in 2004 until authorized by future ordinance. Ordinance 121502, which approved the Magnuson Park Wetland/Habitat and Athletic Field Master Plan, removed this budget proviso.

In 2005, \$800,000 was added to this project in the second quarter supplemental (Ordinance 121883) to demolish the foundations of the commissary complex of buildings at Magnuson Park and to provide minimal park amenities including walkways, park lawn and habitat restoration. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	195	2,705	900	0	0	0	0	0	3,800
State Grant Funds	487	13	0	0	0	0	0	0	500
King County Funds	306	194	0	0	0	0	0	0	500
<b>Project Total:</b>	988	2,912	900	0	0	0	0	0	4,800
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	195	2,705	900	0	0	0	0	0	3,800
Cumulative Reserve Subfund - Unrestricted Subaccount	487	13	0	0	0	0	0	0	500
Shoreline Park Improvement Fund	306	194	0	0	0	0	0	0	500
<b>Appropriations Total*</b>	988	2,912	900	0	0	0	0	0	4,800
<b>O &amp; M Costs (Savings)</b>			0	81	90	92	94	96	453
<b>Spending Plan</b>		2,000	900	912	0	0	0	0	3,812

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

# Parks & Recreation

## Sand Point Magnuson Park Shoreline Renovation

**BCL/Program Name:** Docks/Piers/Floats/Seawalls/Shorelines

**BCL/Program Code:** K72447

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2005

**Project ID:** K732277

**End Date:** 1st Quarter 2007

**Location:** 7400 Sand Point Wy. NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project repairs the bulkhead and rip-rap revetment at Warren G. Magnuson Park. It also regrades the shoreline and protects the beach. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments. The second quarter 2005 supplemental Ordinance (121883) added \$300,000 to this project to pay for additional mitigation of contaminated soils. These funds are reflected in the fund table below.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	428	513	0	0	0	0	0	941
<b>Project Total:</b>	0	428	513	0	0	0	0	0	941
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	428	513	0	0	0	0	0	941
<b>Appropriations Total*</b>	0	428	513	0	0	0	0	0	941
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		80	650	211	0	0	0	0	941

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

# Parks & Recreation

## Seattle Asian Art Museum Roof Replacement & Seismic Improvements

**BCL/Program Name:** Building Component Renovations

**BCL/Program Code:** K72444

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2005

**Project ID:** K732274

**End Date:** 1st Quarter 2006

**Location:** 1400 E Prospect St.

**Neighborhood Plan:** Capitol Hill

**Neighborhood Plan Matrix:** CC3

**Neighborhood District:** East District

**Urban Village:** Not in an Urban Village

This project replaces skylights and portions of the roof at the Seattle Asian Art Museum. It also coats exterior walls above the rooflines, as well as makes seismic improvements. In 2005, the design estimates for construction costs were higher than anticipated and the Seattle Asian Art Museum agreed to contribute up to \$250,000 to pay for these additional costs. An additional \$250,000 is transferred from the Emma Schmitz Seawall project (K732157), last shown in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	250	0	0	0	0	0	0	250
Miscellaneous Grants or Donations	0	250	0	0	0	0	0	0	250
Property Sales and Interest Earnings	0	1,196	0	0	0	0	0	0	1,196
<b>Project Total:</b>	0	1,696	0	0	0	0	0	0	1,696
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	250	0	0	0	0	0	0	250
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,446	0	0	0	0	0	0	1,446
<b>Appropriations Total*</b>	0	1,696	0	0	0	0	0	0	1,696
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		1,580	116	0	0	0	0	0	1,696

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

# Parks & Recreation

## Seward Park Annex & Hatchery - Renovation

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2001

**Project ID:** K733120

**End Date:** 1st Quarter 2006

**Location:** 5898 Lake Washington Blvd. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, renovates the Seward Park Annex and a portion of the Hatchery in partnership with the National Audubon Society (Audubon) for use as an environmental education center. In June 2003, the Department executed a development agreement with Audubon and established the conditions under which the organization may use and occupy a portion of the facilities. Audubon is the project manager for the Annex building and the Parks Department is the project manager for the Hatchery. Audubon is billing the Department for its portion of the building renovation costs. Audubon is committed to raising \$1.4 million for this project; this funding is not shown in the table below as the funding does not pass through the Department. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	239	380	0	0	0	0	0	0	619
<b>Project Total:</b>	239	380	0	0	0	0	0	0	619
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	239	380	0	0	0	0	0	0	619
<b>Appropriations Total*</b>	239	380	0	0	0	0	0	0	619
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	4	19
<b>Spending Plan</b>		90	290	0	0	0	0	0	380

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

# Parks & Recreation

## Small Building Roof 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> 1st Quarter 1999
<b>Project ID:</b> K73514	<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 funds 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 was formerly in the Building Roofing Systems Program. In 2004, \$22,000 was transferred from this project for roof work on the the Alki Bathhouse (K733061). Future funding depends on specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	646	142	100	0	0	0	0	0	888
<b>Project Total:</b>	646	142	100	0	0	0	0	0	888
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	646	142	100	0	0	0	0	0	888
<b>Appropriations Total*</b>	646	142	100	0	0	0	0	0	888
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		132	110	0	0	0	0	0	242

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

# Parks & Recreation

## South Lake Union Park - Armory Assessment and Roof 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> 2nd Quarter 2004
<b>Project ID:</b> K732224	<b>End Date:</b> 4th Quarter 2006

**Location:** 800 Terry Ave. N

**Neighborhood Plan:** South Lake Union

**Neighborhood Plan Matrix:** POS-05, POS-06

**Neighborhood District:** Lake Union

**Urban Village:** South Lake Union

This project funds a building structural systems analysis to determine a phased building upgrade approach and also assesses and makes improvements to the Armory Building roofing system. The building assessment includes related building systems such as HVAC, piping, electrical, and other mechanical elements. It also includes an assessment of the accessibility requirements of the building such as a stairlift, elevator, ADA compliant restrooms, and building entry. The single-ply membrane roof is replaced and repaired to patch leaks and prevent deterioration of the building structure. The useful life expectancy of the roof after repair is more than 15 years.

In 2005, the Department of Planning and Development (DPD) notified the Parks Department that additional work would be required to allow for continued occupancy of the building. An additional \$500,000 is added to the project to pay for seismic renovation work, as required by code. DPD has also indicated that there are other code required work elements, which are not part of the current project, that must be done to obtain a permanent Occupancy Permit. DPR will seek additional funding for these in the future. The operations and maintenance costs associated with this project will be dependent on the code requirements and the final scope of the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	107	858	1,440	0	0	0	0	0	2,405
<b>Project Total:</b>	107	858	1,440	0	0	0	0	0	2,405
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	107	858	1,440	0	0	0	0	0	2,405
<b>Appropriations Total*</b>	107	858	1,440	0	0	0	0	0	2,405
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		200	2,098	0	0	0	0	0	2,298

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

# Parks & Recreation

## South Lake Union Park - Development

**BCL/Program Name:** 2000 Parks Levy - Major Park Development      **BCL/Program Code:** K723004  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2002  
**Project ID:** K733134      **End Date:** TBD

**Location:** 1000 Valley St.

**Neighborhood Plan:** South Lake Union

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Lake Union

**Urban Village:** South Lake Union

This project, part of the 2000 Parks Levy, begins the redevelopment of a 12-acre park at South Lake Union. The park master plan, adopted in July 2000, provides the basis for the use of \$5 million in 2000 Parks Levy funding and other funds that may be raised over the next several years. The primary goal of the project is to create an overall park plan which can be constructed in phases, enhances the recreation and water edge/lake front access functions of the park, and supports the development of a Maritime Heritage Center on the site. Improvements may include shoreline and bulkhead realignment and improvements on Waterway #3, vehicular circulation and parking improvements, park accessibility and pedestrian circulation upgrades, and other site improvements that support better park and Maritime Heritage Center function and connection.

The Seattle Parks Foundation is raising funds to support the continuing development of South Lake Union Park and Maritime Heritage Center facilities. In 2005, the Department received a \$5 million grant from a private donor, City Investors, via the Seattle Parks Foundation. City Investors has also committed to donating another \$5 million to this project, contingent in part on the Foundation and the City raising an additional \$10 million in donations (Council Bill 115313). In 2005, the Department also received an Interagency Committee for Outdoor Recreation (IAC) grant of \$190,042, appropriated in the second quarter 2005 supplemental (Ordinance 121883). Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	0	5,000	0	0	0	0	0	0	5,000
Seattle Voter-Approved Levy	1,896	2,404	700	0	0	0	0	0	5,000
State Grant Funds	0	190	0	0	0	0	0	0	190
To Be Determined	0	0	4,810	5,000	5,000	0	0	0	14,810
<b>Project Total:</b>	1,896	7,594	5,510	5,000	5,000	0	0	0	25,000
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	1,896	7,594	700	0	0	0	0	0	10,190
<b>Appropriations Total*</b>	1,896	7,594	700	0	0	0	0	0	10,190
<b>O &amp; M Costs (Savings)</b>			17	33	33	262	252	257	854
<b>Spending Plan</b>		2,450	654	10,000	10,000	0	0	0	23,104

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

# Parks & Recreation

## Stan Sayres Parking Lot - Water Quality Improvements

**BCL/Program Name:** Parks Infrastructure **BCL/Program Code:** K72441  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2004  
**Project ID:** K732226 **End Date:** 3rd Quarter 2006

**Location:** 3808 Lk Wash Blvd. Off Rp

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project repairs the asphalt surface at the Stan Sayres parking lot by patching and repairing areas and repaving them with three-inch petromat overlay. Repairs also include installing oil/water separators to mitigate run-off and improve water quality in Lake Washington, re-marking stalls, and adjusting utility structures. These improvements eliminate damage to the asphalt and lengthen pavement lifespan at this heavily-used facility. Due to the size of the parking lot and its location at the water's edge, the project will require extensive permitting to meet shoreline regulations and storm water regulations, among others. In 2005, the Department transferred \$463,000 of budget authority from the Stan Sayers Parking Lot project (K732226) to the Kubota Garden - Crew Quarters project (K732212) to facilitate the construction schedule for the crew quarters, which effectively delayed the schedule for the parking lot project. Both projects share the same budget control level, and DPR is proposing adding \$463,000 in 2006 budget authority for the parking lot project to continue its work. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	20	229	463	0	0	0	0	0	712
<b>Project Total:</b>	20	229	463	0	0	0	0	0	712
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	20	229	463	0	0	0	0	0	712
<b>Appropriations Total*</b>	20	229	463	0	0	0	0	0	712
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		107	585	0	0	0	0	0	692

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

# Parks & 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> 1st Quarter 2003
<b>Project ID:</b> K732227	<b>End Date:</b> Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** 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 less expensive repairs. Between five and ten courts are to be renovated each year, selected on the basis of user complaints and staff evaluation of conditions. The Tennis Committee of the Seattle Sports Advisory Committee also holds public meetings to involve the community in selecting and prioritizing court repairs. Future funding depends on specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	100	50	50	0	0	0	0	0	200
<b>Project Total:</b>	100	50	50	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	100	50	50	0	0	0	0	0	200
<b>Appropriations Total*</b>	100	50	50	0	0	0	0	0	200
<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 in thousands of dollars.*

# Parks & Recreation

## Trails Renovation

**BCL/Program Name:** Citywide and Neighborhood Projects

**BCL/Program Code:** K72449

**Project Type:** Rehabilitation or Restoration

**Start Date:** 3rd Quarter 1999

**Project ID:** K73513

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project implements a comprehensive trail renovation strategy. The Department is completing an inventory of park trails and creating a database to assist in identifying and setting priorities for future trail projects based upon community support as well as safety and usage issues. Funding addresses trail failures throughout the park system to correct safety problems and prevent further erosion and deterioration. The project also leverages community support by providing technical assistance, training, and materials to district staff and volunteers who are engaged in other trail-related projects. Priority sites for 2006 include Interlaken Park and Lower Woodland Park. Other projects may include Camp Long, Lincoln Park, Fuauntleroy Park, Frink Park, Ravenna Park and Carkeek Park. Future funding depends on specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	175	225	0	0	0	0	0	400
Real Estate Excise Tax II	1,081	19	0	0	0	0	0	0	1,100
Street Vacations	0	50	0	0	0	0	0	0	50
<b>Project Total:</b>	1,081	244	225	0	0	0	0	0	1,550
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	175	225	0	0	0	0	0	400
Cumulative Reserve Subfund - REET II Subaccount	1,081	19	0	0	0	0	0	0	1,100
Cumulative Reserve Subfund - Street Vacation Subaccount	0	50	0	0	0	0	0	0	50
<b>Appropriations Total*</b>	1,081	244	225	0	0	0	0	0	1,550
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## University Heights Open Space Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** New Facility **Start Date:** 1st Quarter 2006  
**Project ID:** K733124 **End Date:** 1st Quarter 2007

**Location:** University Wy. NE/NE 50th St.

**Neighborhood Plan:** University

**Neighborhood Plan Matrix:** D2

**Neighborhood District:** Northeast

**Urban Village:** University District

This project, part of the 2000 Parks Levy, creates a community open space on the south side of University Heights. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	41	165	0	0	0	0	206
<b>Project Total:</b>	0	0	41	165	0	0	0	0	206
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	0	0	41	165	0	0	0	0	206
<b>Appropriations Total*</b>	0	0	41	165	0	0	0	0	206
<b>O &amp; M Costs (Savings)</b>			0	0	9	21	26	26	82
<b>Spending Plan</b>		0	30	176	0	0	0	0	206

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# Parks & Recreation

## Van Asselt Community Center - Expansion

**BCL/Program Name:** 1999 Community Center Improvements

**BCL/Program Code:** K72654

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2003

**Project ID:** K73486

**End Date:** 3rd Quarter 2006

**Location:** 7200 Beacon Ave. S

**Neighborhood Plan:** Martin Luther King, Jr. @ Holly Street **Neighborhood Plan Matrix:** B-7, G-6

**Neighborhood District:** Greater Duwamish

**Urban Village:** MLK Jr. @ Holly

This project, part of the 1999 Seattle Center and Community Centers Levy, expands the existing 8,600-square-foot community center by adding meeting and multi-purpose spaces, a commercial kitchen, and related spaces. The additional space and kitchen will allow the center to expand its youth and senior programming activities. Estimates of future operating costs reflect the costs of programming and maintenance staff for the expanded facility based upon the revised 2003 levy fiscal note. The existing Van Asselt facility is closed during construction in 2005, with some programs and services relocated to temporary sites.

In 2005, \$81,315 was transferred from the completed High Point Community Center project to Van Asselt Community Center. Also in 2005, the 2000 Parks Levy Oversight Committee recommended \$150,000 from the Opportunity Fund for improvements to the Van Asselt Play Area to be done in conjunction with the renovation of the community center. Community sponsors of the Play Area project are seeking \$50,000 in additional funding from private contributions and grant sources. Operations and maintenance costs associated with the renovation of the play area will be paid for with proceeds from the 2000 Parks Levy fund through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	262	3,743	0	0	0	0	0	0	4,005
King County Voter-Approved Levy	0	150	0	0	0	0	0	0	150
To Be Determined	0	0	50	0	0	0	0	0	50
<b>Project Total:</b>	262	3,893	50	0	0	0	0	0	4,205
<b>Fund Appropriations/Allocations</b>									
1999 Seattle Center and Community Center Levy Fund	262	3,743	0	0	0	0	0	0	4,005
2000 Parks Levy Fund	0	150	0	0	0	0	0	0	150
<b>Appropriations Total*</b>	262	3,893	0	0	0	0	0	0	4,155
<b>O &amp; M Costs (Savings)</b>			38	131	134	139	143	147	732
<b>Spending Plan</b>		500	3,443	0	0	0	0	0	3,943

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# Parks & Recreation

## Voluntary Green Space Conservation

**BCL/Program Name:** 2000 Parks Levy - Green Spaces Acquisitions      **BCL/Program Code:** K723002  
**Project Type:** New Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** K733163      **End Date:** 4th Quarter 2008

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, provides funding 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. Up to \$10 million is available under the levy for projects in the Green Spaces Acquisitions Program. Authority for the actual acceptance of real properties will be authorized through separate legislative actions. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008. The O&M costs identified below are associated with minimal upkeep of new open space acquired by this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	21	47	30	30	30	0	0	0	158
<b>Project Total:</b>	21	47	30	30	30	0	0	0	158
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	21	47	30	30	30	0	0	0	158
<b>Appropriations Total*</b>	21	47	30	30	30	0	0	0	158
<b>O &amp; M Costs (Savings)</b>			7	7	7	7	7	7	42
<b>Spending Plan</b>		35	35	35	32	0	0	0	137

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# Parks & Recreation

## Volunteer Park - ADA Compliance & Repaving

<b>BCL/Program Name:</b> Parks Infrastructure	<b>BCL/Program Code:</b> K72441
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 1st Quarter 2004
<b>Project ID:</b> K732124	<b>End Date:</b> On hold

**Location:** 1247 15th Ave. E

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** East District

**Urban Village:** Not in an Urban Village

This project repaves the roadway at the E Galer entry to Volunteer Park. It installs overlay or pavement, new curbs and gutters, sidewalks, and a parking lot to serve the play area. The project replaces storm drain lines with catch-basin structures. The project also funds four additional ADA-compliant parking spaces and accessible paths to the wading pool, play area, comfort station, and bandstand at Volunteer Park. In 2004, planning work for this project was delayed until further funding is appropriated. The Department will pursue additional funding in 2007.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	95	0	0	0	0	0	0	95
To Be Determined	0	0	0	480	0	0	0	0	480
<b>Project Total:</b>	0	95	0	480	0	0	0	0	575
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	95	0	0	0	0	0	0	95
<b>Appropriations Total*</b>	0	95	0	0	0	0	0	0	95
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	75	500	0	0	0	575

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# Parks & Recreation

## Volunteer Park Conservatory - Replacements & Renovations

**BCL/Program Name:** Building Component Renovations

**BCL/Program Code:** K72444

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2001

**Project ID:** K732068

**End Date:** 4th Quarter 2006

**Location:** 1400 E Galer St.

**Neighborhood Plan:** Capitol Hill

**Neighborhood Plan Matrix:** CC3

**Neighborhood District:** East District

**Urban Village:** Capitol Hill

This project makes the following improvements to the Volunteer Park Conservatory: replaces the dual boilers and water and gas piping at the Conservatory and the Upper Greenhouse with 40% more efficient systems; replaces three glass domes and frames in the Bromeliad Wing of the Conservatory with metal or plastic domes in order to match those already replaced in the Palm Court to prevent deterioration due to the Conservatory's high humidity; replaces the wood mullions at the Conservatory with extruded aluminum mullions and replaces all glass with laminated glass in the Fern House (West Wing) of the Conservatory in order to extend the useful life of the areas of the building subject to high humidity; and demolishes the Upper Greenhouse potting shed, located north of the Palm House, and replaces it with a pre-made aluminum greenhouse with updated wiring and a new heating system, HVAC system, pumps, and distribution system. The potting shed is a support greenhouse for the Conservatory and these improvements extend its life. The boiler replacement and bromeliad wing renovation work was completed in late 2002. Construction of the west wing fern house and the greenhouse potting shed is funded in 2006.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,069	188	819	0	0	0	0	0	2,076
<b>Project Total:</b>	1,069	188	819	0	0	0	0	0	2,076
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	1,069	188	819	0	0	0	0	0	2,076
<b>Appropriations Total*</b>	1,069	188	819	0	0	0	0	0	2,076
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		130	877	0	0	0	0	0	1,007

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# Parks & Recreation

## Washington Park Arboretum - Improvements

**BCL/Program Name:** 2000 Parks Levy - Neighborhood Park Development **BCL/Program Code:** K723003  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2002  
**Project ID:** K733127 **End Date:** 1st Quarter 2008

**Location:** 2300 Arboretum Dr. E

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Central

**Urban Village:** Not in an Urban Village

This project, part of the 2000 Parks Levy, funds further planning and implementation of improvements identified in the Arboretum master plan, "Renewing the Washington Park Arboretum." Potential elements include pathway improvements, shoreline improvements, major landscaping, and improvements to the Japanese Garden. Planning work includes historical research required by the Environmental Impact Statement. The Department, the University of Washington and the Arboretum Foundation have developed an implementation plan that identifies phasing and funding responsibilities. In 2004, design work started on improvements to the South Entry/Madrona Terrace area and a new irrigation mainline system. Further work is on hold until a scope of work and financing plan for improvements beyond levy funding is confirmed. Operations and maintenance costs associated with 2000 Parks levy projects are to be funded out of levy proceeds through 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	283	1,985	0	0	0	0	0	0	2,268
<b>Project Total:</b>	283	1,985	0	0	0	0	0	0	2,268
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	283	1,985	0	0	0	0	0	0	2,268
<b>Appropriations Total*</b>	283	1,985	0	0	0	0	0	0	2,268
<b>O &amp; M Costs (Savings)</b>			0	85	90	92	94	96	457
<b>Spending Plan</b>		130	100	1,500	255	0	0	0	1,985

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

# Parks & Recreation

## West Seattle Stadium - Improvements

**BCL/Program Name:** 2000 Parks Levy - Playfields and Facilities      **BCL/Program Code:** K723005  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2004  
**Project ID:** K733141      **End Date:** 4th Quarter 2006

**Location:** 4432 35th Ave. SW

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Southwest      **Urban Village:** West Seattle Junction

This project, part of the 2000 Parks Levy, improves West Seattle Stadium for a variety of active uses including track and field activities. Proposed Joint Athletic Field Development Program improvements include renovation of existing grandstands, restroom/concession facility, maintenance facility, new lighting, rubberized track, high jump areas, long/triple jump, pole vault, shot put, javelin throw, steeple chase, hammer throw, and discus areas. The Department intends to pursue an option that allows for a full complement of track and field events and retains the Stadium for football use.

This is a lighted grass facility. The improvements may replace the lighting and improve the grass as well as develop capacity for new events. The scope of work for this project is to be developed through a community process, working within the budget identified below and other non-levy fund sources that become available. Operations and maintenance costs associated with 2000 Parks Levy projects are to be funded out of levy proceeds through 2008.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	12	1,725	0	0	0	0	0	0	1,737
<b>Project Total:</b>	12	1,725	0	0	0	0	0	0	1,737
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	12	1,725	0	0	0	0	0	0	1,737
<b>Appropriations Total*</b>	12	1,725	0	0	0	0	0	0	1,737
<b>O &amp; M Costs (Savings)</b>			2	8	9	9	9	10	47
<b>Spending Plan</b>		25	1,700	0	0	0	0	0	1,725

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# Parks & Recreation

## Westcrest Park Trail System Renovation

**BCL/Program Name:** Citywide and Neighborhood Projects

**BCL/Program Code:** K72449

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2006

**Project ID:** K732288

**End Date:** TBD

**Location:** 9000 8th Avenue SW

**Neighborhood Plan:** Westwood & Highland Park

**Neighborhood Plan Matrix:** KS 1.7, NT-19

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project restores the trail system at Westcrest Park. The system has drainage and erosion problems, and rotting stair and turnpike structures. Work includes heavy and light grubbing, brushing, and replacement of stairs, boardwalks, steps, water bars and other trail structures as needed. This project is funded as part of the 2006 CRF Neighborhood Program. Projects funded through this program are proposed and prioritized by District Councils, and selected by a team of City staff from the Department of Neighborhoods, Parks, Seattle Department of Transportation, and the Department of Finance.

Operating and maintenance costs have not yet been calculated for this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	32	0	0	0	0	0	32
<b>Project Total:</b>	0	0	32	0	0	0	0	0	32
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	32	0	0	0	0	0	32
<b>Appropriations Total*</b>	0	0	32	0	0	0	0	0	32
<b>O &amp; M Costs (Savings)</b>			NC	NC	NC	NC	NC	NC	0

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# Parks & Recreation

## Woodland Park - Central Comfort Station #5 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> 1st Quarter 2006
<b>Project ID:</b> K732230	<b>End Date:</b> TBD

**Location:** Aurora Ave. N/N 59th St.

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest      **Urban Village:** Green Lake

This project renovates the central comfort station at Woodland Park by retiling the interior walls, cleaning and resealing the concrete floors, and adding ADA accessories and signage. These improvements extend the useful life of the comfort station and enhance accessibility pursuant to ADA requirements. To complete this project, the Department will pursue additional funding in 2007.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	35	11	70	0	0	0	0	0	116
To Be Determined	0	0	0	280	0	0	0	0	280
<b>Project Total:</b>	35	11	70	280	0	0	0	0	396
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	35	11	70	0	0	0	0	0	116
<b>Appropriations Total*</b>	35	11	70	0	0	0	0	0	116
<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 in thousands of dollars.*

# Parks & Recreation

## Woodland Park Zoo - Annual Major Maintenance Contribution

<b>BCL/Program Name:</b> Zoo Annual Major Maintenance	<b>BCL/Program Code:</b> K72899
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 4th Quarter 2002
<b>Project ID:</b> K732234	<b>End Date:</b> 4th Quarter 2008

**Location:** 5500 Phinney Ave. N

<b>Neighborhood Plan:</b> Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b> N/A
<b>Neighborhood District:</b> Not in a Neighborhood District	<b>Urban Village:</b> Not in an Urban Village

This project provides for the City's annual support for Zoo major maintenance pursuant to the Woodland Park Zoo Operations and Management Agreement approved by Ordinance 120697 in December 2001. The agreement provides City funding to the Woodland Park Zoological Society (WPZS) to address major maintenance at the Zoo and establishes a funding schedule. The City will provide \$1.00 of funding for each \$2.50 raised by WPZS, up to the maximum limits in the funding schedule shown below. If WPZS does not raise sufficient funds to meet the total matching requirement in any fiscal year, City funding for major maintenance will be reduced proportionately for the following year.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,200	1,000	1,000	1,000	1,200	0	0	0	6,400
<b>Project Total:</b>	2,200	1,000	1,000	1,000	1,200	0	0	0	6,400
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	2,200	1,000	1,000	1,000	1,200	0	0	0	6,400
<b>Appropriations Total*</b>	2,200	1,000	1,000	1,000	1,200	0	0	0	6,400
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Parks & Recreation

## Woodland Park Zoo Garage

**BCL/Program Name:** Building Component Renovations

**BCL/Program Code:** K72444

**Project Type:** New Facility

**Start Date:** 1st Quarter 2007

**Project ID:** K732291

**End Date:** 1st Quarter 2008

**Location:** 5500 Phinney Ave. N

**Neighborhood Plan:** Greenwood/Phinney

**Neighborhood Plan Matrix:** T25

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

This project provides funding for an approximately 700-space parking garage on the west side of the Woodland Park Zoo, and will bring the total number of visitor parking spaces for the Zoo to at least 1,360. In 2002, the Department and the Woodland Park Zoological Society (WPZS) developed a Long Range Physical Development Plan for the Zoo and an Environmental Impact Statement (EIS) for the Plan. Parking and access were key elements of the Plan. In response to public comment, both the EIS and the Plan were revised; a final revised EIS was published in 2003.

The Zoo's original preferred parking proposal, as outlined in the final revised EIS, was estimated to be between \$30-45 million, and the garage was to be located on the south side of the Zoo. Subsequently, WPZS, in collaboration with City staff, agreed upon a different parking proposal, one of the other alternatives examined in the final EIS. The Long Range Physical Development Plan has been revised to reflect this new agreement regarding parking and alternative transportation and the City Council is now considering legislation to approve the Plan.

WPZS will be responsible for the design, construction, and operation of the garage, per the Operations and Management Agreement between the City and WPZS. The City will finance \$16.2 million plus inflation for the garage no earlier than March 1, 2007. Estimated debt service is provided through the Woodland Park Zoo Garage Debt Service project (K732292).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
To Be Determined	0	0	0	18,046	0	0	0	0	18,046
<b>Project Total:</b>	0	0	0	18,046	0	0	0	0	18,046
<b>Fund Appropriations/Allocations</b>									
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan		0	0	17,833	213	0	0	0	18,046

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

## 2006-2011 Proposed Capital Improvement Program

# Parks & Recreation

## Woodland Park Zoo Garage 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> 1st Quarter 2007
<b>Project ID:</b> K732292	<b>End Date:</b> 4th Quarter 2027

**Location:** 5500 Phinney 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 funds debt service payment for the 700-space Woodland Park Zoo Garage (see project K732291) located on the west side of the Zoo. The garage is being built by the Woodland Park Zoo Society (WPZS) per the City's agreement with WPZS. The City will provide financing for construction of the garage no earlier than March 1, 2007. The debt service on that financing will be paid in part by net parking revenues. Any remaining debt service will be paid by the City (75%) and WPZS (25%). It is anticipated that 20-year debt will be issued. In 2005, per direction from the City Council (Ordinance 121620), the Executive negotiated the rights and responsibilities of the WPZS and the City regarding the operating and management costs associated with the Zoo Garage, and updated the pro forma. The debt service payments have been revised to reflect the changes in the updated pro forma.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
To Be Determined	0	0	0	383	872	726	719	601	3,301
<b>Project Total:</b>	0	0	0	383	872	726	719	601	3,301
<b>Fund Appropriations/Allocations</b>									
O & M Costs (Savings)			0	0	0	0	0	0	0

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# SEATTLE CENTER



## Overview of Facilities and Programs

Seattle Center is the fourth-largest visitor destination in the United States, attracting millions of visitors each year to its 74-acre campus and hosting more than 5,000 arts, sporting, educational, and cultural events. Seattle Center is the home of the Seattle Opera, Pacific Northwest Ballet, three major theater companies (Intiman, Seattle Repertory, and Seattle Children's Theatre), two small theater companies (Book-It and Seattle Shakespeare Company), two professional basketball teams (the Seattle Sonics of the National Basketball Association and the Seattle Storm of the Women's National Basketball Association), the Seattle Thunderbirds ice hockey team, the Children's Museum, the Fun Forest Amusement Park, and The Center School, a small public high school. 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, and a variety of plazas and open spaces throughout the campus. On the Seattle Center grounds, there are 24 buildings, two parking garages, five surface parking lots, a skateboard park, and an outdoor public basketball court; as a result of the sale of the 5<sup>th</sup> Avenue Parking Lot to the Bill & Melinda Gates Foundation for its World Headquarters, the skateboard park and the basketball court will be relocated in 2006. Also part of the campus, but privately owned and operated, are the Space Needle, the Pacific Science Center, the Experience Music Project (EMP), and the Science Fiction Museum and Hall of Fame. The Seattle School District operates High School 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 "nation's best gathering place," 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 74-acre 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 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.

## Highlights

- ◆ In 2006, Seattle Center spends \$2.85 million on an ongoing program of roof replacements and seismic repairs. This includes seismic repairs to the Intiman Playhouse and the Colonnades.
- ◆ In 2006, Seattle Center continues to provide renovations and improvements to KeyArena to achieve the mutual goals of the City and the owners of the Seattle Sonics and Seattle Storm to keep the building a state-of-the-art facility and enhance its revenue-generating performance. Work includes infrastructure repairs and security measures. Funding in 2006 is augmented by \$340,000 in sales proceeds from Lots 4 and 5. In addition, a concept plan for longer-term competitive improvements to the Key is being developed and refined.
- ◆ Renovations to the 1939 Center House continue in 2006 with an upgrade to the building's fire alarm system and design of food court renovations. Seattle Center will use \$100,000 in sales proceeds from Lots 4 and 5 to carry out tenant improvements to the food court area in conjunction with the negotiation of new leases.
- ◆ Security improvements to the campus during 2006 include lighting improvements and installation of bollards at the perimeter of the campus.
- ◆ Seattle Center spends \$786,000 in 2006 for a continuing program of repair and replacement of its utility infrastructure, including replacement of 40-year-old steam and chilled-water lines.

- ◆ In 2006, Seattle Center spends \$1.33 million to implement the sale of Lot 2 including planning work for a new, City-owned parking garage on the southwest corner of Lot 2 and relocation of the skateboard park, basketball court, and waste reduction facility on Lot 2. Funding for the replacement skateboard park and basketball court is expected to be transferred to the Parks & Recreation Department via ordinance when the full scope of the project is known.
- ◆ Seattle Center carries out improvements to the Snoqualmie Room in 2006, to prepare the facility for lease by The Vera Project for offices and an all-ages performing arts venue.

## Project Selection Process

**Project Identification:** The redevelopment and renewal of Seattle Center is guided by the principles of the Seattle Center Master Plan. The Plan is 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. 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, and technical facilities maintenance staff, who maintain Seattle Center facilities and grounds are all involved in this process. Another important group in the CIP budget development process is the Center's resident organizations who use the Center's facilities on a regular and, in some cases, exclusive basis. These Seattle Center tenants 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 is unreliable;
- ◆ Addresses code or regulatory requirements for ADA, seismic/other safety, energy efficiency, etc.;
- ◆ Helps meet Sustainable ("Green") 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 the improvement; 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 some projects the Department 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.

# Seattle Center

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Bagley Wright Theatre Maintenance Fund</b>			<b>BCL/Program Code:</b>							S9606
Bagley Wright Theatre Maintenance Fund	S9606	900	122	112	112	112	112	0	0	<b>1,470</b>
<b>Total for BCL</b>	<b>Bagley Wright Theatre Maintenance Fund</b>	<b>900</b>	<b>122</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>0</b>	<b>0</b>	<b>1,470</b>
<b>Campuswide Improvements and Repairs</b>			<b>BCL/Program Code:</b>							S03P01
ADA Improvements	S9302	611	80	0	62	64	67	69	71	<b>1,024</b>
Artwork Maintenance	S9303	238	27	25	40	41	43	44	46	<b>504</b>
General Site Improvements	S0305	341	711	278	166	172	178	184	190	<b>2,220</b>
Hazardous Materials Abatement	S86718	251	34	0	60	62	64	67	69	<b>607</b>
Open Space Restoration and Repair	S9704	2,746	1,011	450	501	519	537	556	575	<b>6,895</b>
Preliminary Engineering and Planning	S9706	395	60	275	89	92	95	99	102	<b>1,207</b>
Site Signage	S9118	1,037	95	50	394	408	422	437	452	<b>3,295</b>
<b>Total for BCL</b>	<b>Campuswide Improvements and Repairs</b>	<b>5,619</b>	<b>2,018</b>	<b>1,078</b>	<b>1,312</b>	<b>1,358</b>	<b>1,406</b>	<b>1,456</b>	<b>1,505</b>	<b>15,752</b>
<b>Center House Rehabilitation</b>			<b>BCL/Program Code:</b>							S9113
Center House Rehabilitation	S9113	10,373	657	525	461	477	494	511	529	<b>14,027</b>
<b>Total for BCL</b>	<b>Center House Rehabilitation</b>	<b>10,373</b>	<b>657</b>	<b>525</b>	<b>461</b>	<b>477</b>	<b>494</b>	<b>511</b>	<b>529</b>	<b>14,027</b>
<b>Facility Infrastructure Renovation and Repair</b>			<b>BCL/Program Code:</b>							S03P02
Roof/Structural Replacement and Repair	S9701	4,453	4,211	1,000	125	130	134	139	144	<b>10,336</b>
Roof/Structural Replacement and Repair - Debt Service	S0304	888	783	781	783	784	779	784	782	<b>6,364</b>
<b>Total for BCL</b>	<b>Facility Infrastructure Renovation and Repair</b>	<b>5,341</b>	<b>4,994</b>	<b>1,781</b>	<b>908</b>	<b>914</b>	<b>913</b>	<b>923</b>	<b>926</b>	<b>16,700</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Seattle Center

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>KeyArena</b>			<b>BCL/Program Code:</b>							S03P04
KeyArena 2003 Renovation	S9304	5,060	764	360	0	0	0	0	0	<b>6,184</b>
KeyArena Improvements & Repairs	S9901	698	102	0	513	531	550	569	589	<b>3,552</b>
<b>Total for BCL KeyArena</b>		<b>5,758</b>	<b>866</b>	<b>360</b>	<b>513</b>	<b>531</b>	<b>550</b>	<b>569</b>	<b>589</b>	<b>9,736</b>
<b>Lot 2 Development Project</b>			<b>BCL/Program Code:</b>							S0501
Lot 2 Development	S0501	0	2,097	2,503	0	0	0	0	0	<b>4,600</b>
<b>Total for BCL Lot 2 Development Project</b>		<b>0</b>	<b>2,097</b>	<b>2,503</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,600</b>
<b>Lot 4 Site Development</b>			<b>BCL/Program Code:</b>							S9907
Lot 4 Site Development	S9907	0	241	0	0	0	0	0	0	<b>241</b>
<b>Total for BCL Lot 4 Site Development</b>		<b>0</b>	<b>241</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>241</b>
<b>Marion Oliver McCaw Hall</b>			<b>BCL/Program Code:</b>							S0001
Marion Oliver McCaw Hall	S0001	122,807	248	0	0	0	0	0	0	<b>123,055</b>
<b>Total for BCL Marion Oliver McCaw Hall</b>		<b>122,807</b>	<b>248</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>123,055</b>
<b>McCaw Hall Maintenance Fund</b>			<b>BCL/Program Code:</b>							S0303
McCaw Hall Asset Preservation Fund	S0303	0	0	0	1,800	1,850	1,950	2,000	2,050	<b>9,650</b>
<b>Total for BCL McCaw Hall Maintenance Fund</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>1,800</b>	<b>1,850</b>	<b>1,950</b>	<b>2,000</b>	<b>2,050</b>	<b>9,650</b>
<b>Memorial Stadium Site Redevelopment</b>			<b>BCL/Program Code:</b>							S0105
Memorial Stadium Site Redevelopment	S0105	0	0	0	0	0	0	0	0	<b>0</b>
<b>Total for BCL Memorial Stadium Site Redevelopment</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Mercer Arena Redevelopment</b>			<b>BCL/Program Code:</b>							S0302
Mercer Arena Redevelopment	S0302	0	0	0	0	0	0	0	0	<b>0</b>
<b>Total for BCL Mercer Arena Redevelopment</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Seattle Center

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Monorail Improvements</b>						<b>BCL/Program Code:</b>				S9403
Monorail Improvements	S9403	3,513	1,701	0	0	0	0	0	0	<b>5,214</b>
<b>Total for BCL</b>	<b>Monorail Improvements</b>	<b>3,513</b>	<b>1,701</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,214</b>
<b>Parking Repairs and Improvements</b>						<b>BCL/Program Code:</b>				S0301
Parking Repairs and Improvements	S0301	110	130	70	167	173	179	186	193	<b>1,208</b>
<b>Total for BCL</b>	<b>Parking Repairs and Improvements</b>	<b>110</b>	<b>130</b>	<b>70</b>	<b>167</b>	<b>173</b>	<b>179</b>	<b>186</b>	<b>193</b>	<b>1,208</b>
<b>Public Gathering Space Improvements</b>						<b>BCL/Program Code:</b>				S9902
Public Gathering Space Improvements	S9902	726	235	440	252	261	270	279	289	<b>2,752</b>
<b>Total for BCL</b>	<b>Public Gathering Space Improvements</b>	<b>726</b>	<b>235</b>	<b>440</b>	<b>252</b>	<b>261</b>	<b>270</b>	<b>279</b>	<b>289</b>	<b>2,752</b>
<b>Theatre District Improvements</b>						<b>BCL/Program Code:</b>				S0103
Theatre District Improvements	S0103	1,700	98	0	6,000	100	100	100	100	<b>8,198</b>
<b>Total for BCL</b>	<b>Theatre District Improvements</b>	<b>1,700</b>	<b>98</b>	<b>0</b>	<b>6,000</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>8,198</b>
<b>Theatre Improvements and Repairs</b>						<b>BCL/Program Code:</b>				S9604
Theatre Improvements and Repairs	S9604	3,083	510	0	527	545	565	585	605	<b>6,420</b>
<b>Total for BCL</b>	<b>Theatre Improvements and Repairs</b>	<b>3,083</b>	<b>510</b>	<b>0</b>	<b>527</b>	<b>545</b>	<b>565</b>	<b>585</b>	<b>605</b>	<b>6,420</b>
<b>Utility Infrastructure</b>						<b>BCL/Program Code:</b>				S03P03
Plumbing Repairs and Replacement	S9702	939	4	0	62	64	67	69	72	<b>1,277</b>
Utility Infrastructure Master Plan & Repairs	S0101	505	1,189	655	321	333	344	356	369	<b>4,072</b>
<b>Total for BCL</b>	<b>Utility Infrastructure</b>	<b>1,444</b>	<b>1,193</b>	<b>655</b>	<b>383</b>	<b>397</b>	<b>411</b>	<b>425</b>	<b>441</b>	<b>5,349</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Seattle Center

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>						<b>BCL/Program Code:</b>				S9801
Waste/Recycle Center, Warehouse and Shops Improvements	S9801	173	72	0	125	130	134	139	144	<b>917</b>
<b>Total for BCL</b>	<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>	<b>173</b>	<b>72</b>	<b>0</b>	<b>125</b>	<b>130</b>	<b>134</b>	<b>139</b>	<b>144</b>	<b>917</b>
<b>Department Total</b>		<b>161,547</b>	<b>15,182</b>	<b>7,524</b>	<b>12,560</b>	<b>6,848</b>	<b>7,084</b>	<b>7,173</b>	<b>7,371</b>	<b>225,289</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Seattle Center

## Fund Summary

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
1999 Seattle Center and Community Center Levy Fund	122,807	248	0	0	0	0	0	0	<b>123,055</b>
2002B LTGO Capital Project Fund	4,083	1,455	0	0	0	0	0	0	<b>5,538</b>
2003 LTGO Capital Project Fund	2,496	4,163	0	0	0	0	0	0	<b>6,659</b>
Center House Merchants' Association	3,000	0	0	0	0	0	0	0	<b>3,000</b>
Cumulative Reserve Subfund - REET I Subaccount	6,511	3,041	3,961	2,329	2,347	2,357	2,379	2,395	<b>25,320</b>
Cumulative Reserve Subfund - REET II Subaccount	175	0	0	0	0	0	0	0	<b>175</b>
Cumulative Reserve Subfund - Unrestricted Subaccount	13,796	1,814	700	352	352	352	240	240	<b>17,846</b>
Emergency Subfund	350	2,097	(2,097)	0	0	0	0	0	<b>350</b>
Key Arena Renovation Fund	1,770	764	360	0	0	0	0	0	<b>2,894</b>
Seattle Center Capital Reserve Subfund	0	0	4,600	0	0	0	0	0	<b>4,600</b>
Seattle Center Operating Fund	88	0	0	0	0	0	0	0	<b>88</b>
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	3,068	0	0	0	0	0	0	0	<b>3,068</b>
Sonics Private Capital	1,000	0	0	0	0	0	0	0	<b>1,000</b>
To Be Determined	2,403	1,600	0	9,879	4,149	4,375	4,554	4,736	<b>31,696</b>
<b>Department Total</b>	<b>161,547</b>	<b>15,182</b>	<b>7,524</b>	<b>12,560</b>	<b>6,848</b>	<b>7,084</b>	<b>7,173</b>	<b>7,371</b>	<b>225,289</b>

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

# Seattle Center

## ADA Improvements

**BCL/Program Name:** Campuswide Improvements and Repairs

**BCL/Program Code:** S03P01

**Project Type:** Rehabilitation or Restoration

**Start Date:** Ongoing

**Project ID:** S9302

**End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This is an ongoing program to make the Seattle Center campus more accessible to people with disabilities. Improvements include assisted-listening devices, automatic doors, portable lifts, and other features that accommodate Seattle Center visitors. Future annual allocations depend upon available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	195	80	0	0	0	0	0	0	275
Real Estate Excise Tax II	175	0	0	0	0	0	0	0	175
Property Sales and Interest Earnings-2	241	0	0	0	0	0	0	0	241
To Be Determined	0	0	0	62	64	67	69	71	333
<b>Project Total:</b>	611	80	0	62	64	67	69	71	1,024
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	195	80	0	0	0	0	0	0	275
Cumulative Reserve Subfund - REET II Subaccount	175	0	0	0	0	0	0	0	175
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
<b>Appropriations Total*</b>	611	80	0	0	0	0	0	0	691
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		46	34	62	64	67	69	71	413

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

### 2006-2011 Proposed Capital Improvement Program

# Seattle Center

## Artwork Maintenance

**BCL/Program Name:** Campuswide Improvements and Repairs

**BCL/Program Code:** S03P01

**Project Type:** Rehabilitation or Restoration

**Start Date:** Ongoing

**Project ID:** S9303

**End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This annual allocation funds the maintenance of public artworks on the Seattle Center campus to ensure the integrity of the artwork. Past projects include repainting and renovating the Olympic Iliad and Moses sculptures (both located on the Broad Street Green), mechanical repairs to the FitzGerald Fountain, and structural repairs to the Horiuchi mural. Increases greater than \$25,000 in this project's annual allocation for 2007 through 2011 depend upon available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	31	0	0	0	0	0	0	0	31
Property Sales and Interest Earnings-2	207	27	25	25	25	25	25	25	384
To Be Determined	0	0	0	15	16	18	19	21	89
<b>Project Total:</b>	238	27	25	40	41	43	44	46	504
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	31	0	0	0	0	0	0	0	31
Cumulative Reserve Subfund - Unrestricted Subaccount	207	27	25	25	25	25	25	25	384
<b>Appropriations Total*</b>	238	27	25	25	25	25	25	25	415
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		20	32	40	41	43	44	46	266

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

# Seattle Center

## Bagley Wright Theatre Maintenance Fund

**BCL/Program Name:** Bagley Wright Theatre Maintenance Fund      **BCL/Program Code:** S9606  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 1996  
**Project ID:** S9606      **End Date:** 4th Quarter 2009

**Location:** 151 Mercer St.

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne      **Urban Village:** Uptown

This project represents the City's commitment to fund maintenance at the Bagley Wright Theatre, as stipulated in the lease agreement between the Seattle Repertory Theatre (SRT) and Seattle Center. The agreement requires each party to establish a maintenance fund and to make annual funding contributions to address interior major maintenance at the theater. The agreement is structured to transfer financial responsibility for interior major maintenance of the facility from the City to the SRT by the year 2009. At that point, City contributions to its fund end, and the SRT assumes total responsibility for the interior maintenance of the theater. 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	900	122	112	112	112	112	0	0	1,470
<b>Project Total:</b>	900	122	112	112	112	112	0	0	1,470
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	900	122	112	112	112	112	0	0	1,470
<b>Appropriations Total*</b>	900	122	112	112	112	112	0	0	1,470
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		110	118	118	112	112	0	0	570

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

# Seattle Center

## Center House Rehabilitation

**BCL/Program Name:** Center House Rehabilitation  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** S9113

**BCL/Program Code:** S9113  
**Start Date:** Ongoing  
**End Date:** Ongoing

**Location:** 305 Harrison St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This ongoing program funds the renovation of the 275,000-square-foot Center House, a 1939 structure which serves as the primary free indoor public gathering and programming space at Seattle Center. The building also houses Seattle Center's administrative offices. Recent work includes restroom and mechanical renovations, fire-safety and seismic improvements, window replacement, signage improvements, and wall and floor surface repairs. In 2006, Seattle Center intends to complete a comprehensive upgrade of the Center House fire alarm system, and complete design and initial implementation of renovations to the food court in conjunction with new tenant leases. An additional \$100,000 in Lots 4 and 5 proceeds are appropriated in 2006 to support tenant improvements. Funding for this project in 2007 through 2011 depends upon specific plans and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	986	247	0	0	0	0	0	0	1,233
Private Funding/Donations	3,000	0	0	0	0	0	0	0	3,000
Real Estate Excise Tax I	516	287	425	300	300	300	300	300	2,728
Property Sales and Interest Earnings-2	3,409	123	100	0	0	0	0	0	3,632
Seattle Voter-Approved Levy	2,462	0	0	0	0	0	0	0	2,462
To Be Determined	0	0	0	161	177	194	211	229	972
<b>Project Total:</b>	<b>10,373</b>	<b>657</b>	<b>525</b>	<b>461</b>	<b>477</b>	<b>494</b>	<b>511</b>	<b>529</b>	<b>14,027</b>
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	986	247	0	0	0	0	0	0	1,233
Cumulative Reserve Subfund - REET I Subaccount	516	287	425	300	300	300	300	300	2,728
Cumulative Reserve Subfund - Unrestricted Subaccount	3,409	123	100	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
<b>Appropriations Total*</b>	<b>7,373</b>	<b>657</b>	<b>525</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>10,055</b>
<b>O &amp; M Costs (Savings)</b>			<b>0</b>						
<b>Spending Plan</b>		<b>354</b>	<b>828</b>	<b>461</b>	<b>477</b>	<b>494</b>	<b>511</b>	<b>529</b>	<b>3,654</b>

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

# Seattle Center

## General Site Improvements

**BCL/Program Name:** Campuswide Improvements and Repairs      **BCL/Program Code:** S03P01  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S0305      **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This project improves the safety, security, facility integrity, and visitor experience on the Seattle Center campus. Recent work includes installation of security bollards at two campus entry points. Ordinance 121418, approved in 2004, appropriated \$600,000 for additional security bollards on the Seattle Center campus, funded by the federal Urban Areas Security Initiative Grant Program. Seattle Center began installing these bollards in 2004 and finished in 2005. Work planned for 2006 includes lighting improvements around the campus, and installation of additional security bollards at Mercer Street entrances to the campus. Funding for this project in 2007 through 2011 depends upon specific plans and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	42	67	0	0	0	0	0	0	109
Real Estate Excise Tax I	284	59	100	50	50	50	50	50	693
Federal Grant Funds	15	585	0	0	0	0	0	0	600
General Subfund Revenues	0	0	178	0	0	0	0	0	178
To Be Determined	0	0	0	116	122	128	134	140	640
<b>Project Total:</b>	341	711	278	166	172	178	184	190	2,220
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	42	67	0	0	0	0	0	0	109
Cumulative Reserve Subfund - REET I Subaccount	284	59	100	50	50	50	50	50	693
Cumulative Reserve Subfund - Unrestricted Subaccount	15	585	178	0	0	0	0	0	778
<b>Appropriations Total*</b>	341	711	278	50	50	50	50	50	1,580
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		564	425	166	172	178	184	190	1,879

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# Seattle Center

## Hazardous Materials Abatement

**BCL/Program Name:** Campuswide Improvements and Repairs      **BCL/Program Code:** S03P01  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S86718      **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne      **Urban Village:** Uptown

This ongoing project funds investigation of the existence of asbestos, lead, and other hazardous materials in Seattle Center facilities. It also funds abatement of those materials when necessary. Past work includes removal of asbestos ceiling tiles in the Seattle Center Pavilion and removal of asbestos insulation on underground steamlines. For 2006, hazardous materials abatement occurs as needed within other project budgets. Annual allocations from 2007 through 2011 depend upon available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	51	34	0	0	0	0	0	0	85
Property Sales and Interest Earnings-2	200	0	0	0	0	0	0	0	200
To Be Determined	0	0	0	60	62	64	67	69	322
<b>Project Total:</b>	251	34	0	60	62	64	67	69	607
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	51	34	0	0	0	0	0	0	85
Cumulative Reserve Subfund - Unrestricted Subaccount	200	0	0	0	0	0	0	0	200
<b>Appropriations Total*</b>	251	34	0	0	0	0	0	0	285
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		8	26	60	62	64	67	69	356

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# Seattle Center

## KeyArena 2003 Renovation

**BCL/Program Name:** KeyArena **BCL/Program Code:** S03P04  
**Project Type:** Rehabilitation or Restoration **Start Date:** 4th Quarter 2000  
**Project ID:** S9304 **End Date:** 4th Quarter 2006

**Location:** 334 1st Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne **Urban Village:** Uptown

This project funds the renovation of the KeyArena following the 2002-2003 National Basketball Association (NBA) season, in accordance with the Premises Use and Occupancy Agreement between the City and the owners of the Seattle Sonics basketball team. The Sonics' owners required this agreement to be a part of the lease to ensure that KeyArena facilities and systems were renovated and upgraded as needed. The Agreement committed the City to invest a minimum of \$3.5 million in 1993 dollars (estimated at \$4.7 million in 2003 dollars), and committed the Sonics to invest \$750,000 in 1993 dollars (estimated at \$1 million in 2003 dollars) to renovate the concession areas in the building. The City has contributed an incremental amount each year, beginning in 1997, to ensure that the commitment is fully funded by 2003. In 2006, an additional \$20,000 in interest earnings and \$340,000 in Lots 4 and 5 sale proceeds are appropriated to complete the funding for the KeyArena 2003 renovation program.

Planning work for this project began in 2000. With the agreement of the Sonics, work began in 2001 (with the installation of a new video display ring in the main seating bowl) and will be complete in 2006. Work completed to date includes lighting and sound system improvements, security improvements, ADA-compliant seating improvements, suite level improvements, interior and exterior painting, seat reupholstery, and a concept level plan for future facility upgrades in conjunction with discussions of a Sonics' lease renewal. Work completed in 2005 includes creation of a north-end club area at suite level, similar to the successful south-end club (the "Draft Room") completed in 2004. Work planned for 2006 includes infrastructure and security improvements.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,290	0	0	0	0	0	0	0	2,290
Admission Taxes, General Subfund Taxes, and Fees	1,770	764	0	0	0	0	0	0	2,534
Property Sales and Interest Earnings-2	0	0	360	0	0	0	0	0	360
Private Funding/Donations	1,000	0	0	0	0	0	0	0	1,000
<b>Project Total:</b>	<b>5,060</b>	<b>764</b>	<b>360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,184</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	2,290	0	0	0	0	0	0	0	2,290
Key Arena Renovation Fund	1,770	764	360	0	0	0	0	0	2,894
<b>Appropriations Total*</b>	<b>4,060</b>	<b>764</b>	<b>360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,184</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle Center

## KeyArena Improvements & Repairs

**BCL/Program Name:** KeyArena **BCL/Program Code:** S03P04  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** S9901 **End Date:** Ongoing

**Location:** 334 1st Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Magnolia/Queen Anne **Urban Village:** Uptown

This ongoing project funds repairs and improvements to maintain and enhance KeyArena so it is well positioned in the highly competitive sports and entertainment marketplace, and to maintain basic building operations and facility integrity. Planning and implementation of work for this project is conducted in consultation with the building's prime tenants, the Seattle Sonics and the Seattle Storm, and in the context of anticipated renewal of the Sonics' lease in 2010. Work funded by this project includes installation of lighting controls, replacement of the basketball floor and the insulated floor that covers the ice for non-ice events, creation of a south end loge seating section to increase revenue, and partial funding of a concept plan for future facility upgrades. Future work may include partial house reconfiguration to attract additional events to the building, and the creation of additional points of sale for event-related merchandise. Funding in 2007 through 2011 depends upon specific plans and available resources.

Work in 2003-2004 originally was intended to include design of structural repairs to the KeyArena North Tunnel. This work has been deferred pending decisions on the location and design of a new monorail station in the North Court area.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	698	102	0	0	0	0	0	0	800
To Be Determined	0	0	0	513	531	550	569	589	2,752
<b>Project Total:</b>	698	102	0	513	531	550	569	589	3,552
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	698	102	0	0	0	0	0	0	800
<b>Appropriations Total*</b>	698	102	0	0	0	0	0	0	800
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		93	9	513	531	550	569	589	2,854

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# Seattle Center

## Lot 2 Development

**BCL/Program Name:** Lot 2 Development Project

**BCL/Program Code:** S0501

**Project Type:** New Facility

**Start Date:** 4th Quarter 2004

**Project ID:** S0501

**End Date:** 4th Quarter 2011

**Location:** Seattle Center Campus

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This project provides for planning and development activities to be carried out by Seattle Center related to the sale and redevelopment of Seattle Center Parking Lot 2. Activities include planning, design, project management, relocation of facilities, environmental remediation, and activities related to closing of the property sale. In 2005, Ordinance 121742 authorized a Purchase and Sale Agreement between the City and Iris Holdings, LLC for the sale of Lot 2 for the new world headquarters of the Bill & Melinda Gates Foundation. Ordinance 121742 appropriates \$2,096,900 from the Emergency Subfund for costs anticipated before the land sale closes in 2006, and appropriates an additional \$2,503,100 from the Seattle Center Capital Reserve Subfund for costs the City anticipates after the sale closes. Upon closing, these costs are funded from sale proceeds, and the General Fund is reimbursed up to the amount that has been expended from the Emergency Subfund. The appropriation includes \$900,000 designated for construction of a replacement skateboard park and basketball court at a location to be determined. This appropriation is expected to be transferred to the Department of Parks & Recreation by ordinance when full project costs are known.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Emergency Subfund Revenues	0	2,097	(2,097)	0	0	0	0	0	0
Property Sales and Interest Earnings-2	0	0	4,600	0	0	0	0	0	4,600
<b>Project Total:</b>	0	2,097	2,503	0	0	0	0	0	4,600
<b>Fund Appropriations/Allocations</b>									
Emergency Subfund	0	2,097	(2,097)	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund	0	0	4,600	0	0	0	0	0	4,600
<b>Appropriations Total*</b>	0	2,097	2,503	0	0	0	0	0	4,600
<b>O &amp; M Costs (Savings)</b>			0	36	76	78	81	31	302
<b>Spending Plan</b>		366	1,331	2,003	0	0	0	0	3,700

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# Seattle Center

## Lot 4 Site Development

**BCL/Program Name:** Lot 4 Site Development

**BCL/Program Code:** S9907

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** S9907

**End Date:** 2nd Quarter 2006

**Location:** 2nd Ave. N/John St./Denny Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

From 1997 through mid-2003, Seattle Center sought to redevelop Seattle Center Parking Lot 4 as a commercial hotel and replacement parking. Those efforts were abandoned in 2003 when the Center was unable to negotiate a satisfactory financial agreement with a development group. In 2004, as part of a comprehensive property development plan for the campus, Seattle Center invited development proposals for Lot 4. Ordinance 121835 approved the sale of Lot 4 in 2005 and made an appropriation of \$241,000 from the proceeds of the sale of Lot 4 and the sale of Lot 5 (located one block west) to pay for City costs and commitments associated with these land sales.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	0	241	0	0	0	0	0	0	241
<b>Project Total:</b>	0	241	0	0	0	0	0	0	241
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	241	0	0	0	0	0	0	241
<b>Appropriations Total*</b>	0	241	0	0	0	0	0	0	241
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle Center

## Marion Oliver McCaw Hall

**BCL/Program Name:** Marion Oliver McCaw Hall

**BCL/Program Code:** S0001

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2000

**Project ID:** S0001

**End Date:** 4th Quarter 2004

**Location:** 321 Mercer St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

Marion Oliver McCaw Hall opened to the public in June 2003 at a cost of \$127.8 million. McCaw Hall is the home of the Pacific Northwest Ballet, Seattle Opera, festivals, and other community and commercial events. The project budget anticipated revenues of \$72 million from private funds, \$38.8 million from the City of Seattle, \$12 million from the State of Washington, and \$5 million from King County. In 2005, Ordinance 121742 allocated up to \$4 million in proceeds from the sale of Seattle Center Lot 2 to match, on a one to two basis, additional non-City funding commitments for McCaw Hall received between January 1, 2005 and December 31, 2007. As of mid-2005, all \$72 million in private contributions is committed, along with \$6.5 million from the State, \$2.5 million from King County, and \$2 million in Lot 2 matching funds. Fundraising is ongoing. In the meantime, McCaw Hall tenants are sharing the cost of 2005-06 debt service on the project funding shortfall with the City's General Fund. Of the \$127.8 million project budget, about \$7.2 million was expended directly by the Seattle Center Foundation. The balance of the budget (\$120.6 million), plus an additional \$2.5 million for kitchen equipment and debt service costs for interim financing, totals to the \$123.1 million appropriation listed below. Over the course of the project, the City provided about \$31.8 million in interim financing to support the project's cash flow requirements. Because the interim financing is not a permanent source of revenue, it is not detailed below. Operating expenditures have grown, supported by new revenue and an annual General Fund contribution of \$451,000. Operation and maintenance costs are already incorporated in Seattle Center's operating budget.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Energy Rebates	207	0	0	0	0	0	0	0	207
Federal Grant Funds	100	0	0	0	0	0	0	0	100
General Obligation Bonds	9,750	0	0	0	0	0	0	0	9,750
King County Funds	1,950	500	1,000	0	0	0	0	0	3,450
Lot 2 Matching Funds	0	0	2,000	2,000	0	0	0	0	4,000
Private Funding/Donations	52,684	7,800	4,340	0	0	0	0	0	64,824
Property Sales and Interest Earnings-2	1,938	226	10	0	0	0	0	0	2,174
Seattle Voter-Approved Levy	29,000	0	0	0	0	0	0	0	29,000
State Grant Funds	3,500	3,000	0	0	0	0	0	0	6,500
To Be Determined	0	0	0	3,050	0	0	0	0	3,050
<b>Project Total:</b>	<b>99,129</b>	<b>11,526</b>	<b>7,350</b>	<b>5,050</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>123,055</b>
<b>Fund Appropriations/Allocations</b>									
1999 Seattle Center and Community Center Levy Fund	122,807	248	0	0	0	0	0	0	123,055
<b>Appropriations Total*</b>	<b>122,807</b>	<b>248</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>123,055</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>
<b>Spending Plan</b>		<b>0</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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# Seattle Center

## Mercer Arena Redevelopment

**BCL/Program Name:** Mercer Arena Redevelopment **BCL/Program Code:** S0302  
**Project Type:** Improved Facility **Start Date:** TBD  
**Project ID:** S0302 **End Date:** TBD

**Location:** 363 Mercer St.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Magnolia/Queen Anne **Urban Village:** Uptown

This project is a placeholder for the redevelopment or reuse of the 1927 Mercer Arena following its use as a temporary venue for the Seattle Opera and Pacific Northwest Ballet during the construction of McCaw Hall. Seattle Center has evaluated alternatives for the future use and redevelopment of the Mercer Arena. This work was funded in the Mercer Complex Redevelopment Plan project (S9703), which was included in the 2004-2009 Adopted CIP. Alternatives include demolition, renovation for a variety of public assembly uses, and reuse as private administrative, technical, rehearsal, and support space for performing arts. Options will be weighed against a range of criteria, including financial return to Seattle Center, the potential for private investment, compatibility with the Center's vision, goals, and current lines of business, the surrounding neighborhood, and design principles established for the Theatre District. For purposes of the Capital Facilities Element of the Comprehensive Plan, this is not a proposed new/expanded capital facility.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
<b>Project Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
O & M Costs (Savings)			N/C	N/C	N/C	N/C	N/C	N/C	0

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# Seattle Center

## Monorail Improvements

**BCL/Program Name:** Monorail Improvements  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** S9403

**BCL/Program Code:** S9403  
**Start Date:** Ongoing  
**End Date:** Ongoing

**Location:** Monorail Station Adjacent To Center House

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This project funds renovation of the Monorail, which has historically been funded primarily with revenues from Federal Transit Administration (FTA) grants. The City operates the Monorail through its contractor, Seattle Monorail Services (SMS). In 2004, in accordance with an agreement with the City, SMS undertook major repairs and life/safety upgrades to the two Monorail trains in response to the May 2004 fire on the Blue Train. Both trains returned to passenger service in May 2005. SMS is financing the upfront cost of these repairs, which are estimated at \$2.6 million. This initial investment will be paid back over time from Monorail system revenue. Remaining FTA grant revenue of \$77,000 also contributed to funding the repair costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	1,969	77	0	0	0	0	0	0	2,046
Private Funding/Donations	241	0	0	0	0	0	0	0	241
Property Sales and Interest Earnings-2	303	24	0	0	0	0	0	0	327
Private Funding/Donations	1,000	1,600	0	0	0	0	0	0	2,600
<b>Project Total:</b>	<b>3,513</b>	<b>1,701</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,214</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	2,513	101	0	0	0	0	0	0	2,614
<b>Appropriations Total*</b>	<b>2,513</b>	<b>101</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,614</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		1,677	24	0	0	0	0	0	1,701

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

# Seattle Center

## Open Space Restoration and Repair

**BCL/Program Name:** Campuswide Improvements and Repairs      **BCL/Program Code:** S03P01  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S9704      **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne      **Urban Village:** Uptown

This ongoing project funds the renovation and repair of open spaces, green spaces, hard surfaces, and fountains throughout the 74-acre Seattle Center campus. Past work includes replacing piping in the International Fountain to improve both safety and operation, replacing the information kiosk along Thomas Street, pedestrian and landscape improvements along Harrison Street between Fourth and Fifth Avenues, hardscape improvements along the covered walkway between Harrison and Republican Streets, recaulking the International Fountain bowl, landscape renovation west of the Seattle Children's Theatre, and hard-surface repairs in heavily trafficked areas. Work planned for 2006 includes mechanical renovations to the International Fountain and beginning development of a tree replacement plan. Increases greater than \$450,000 in annual program funds for 2007 through 2011 depend upon specific plans and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	732	443	0	0	0	0	0	0	1,175
Real Estate Excise Tax I	15	565	450	450	450	450	450	450	3,280
Private Funding/Donations	25	0	0	0	0	0	0	0	25
Property Sales and Interest Earnings-2	1,974	3	0	0	0	0	0	0	1,977
To Be Determined	0	0	0	51	69	87	106	125	438
<b>Project Total:</b>	<b>2,746</b>	<b>1,011</b>	<b>450</b>	<b>501</b>	<b>519</b>	<b>537</b>	<b>556</b>	<b>575</b>	<b>6,895</b>
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	732	443	0	0	0	0	0	0	1,175
Cumulative Reserve Subfund - REET I Subaccount	15	565	450	450	450	450	450	450	3,280
Cumulative Reserve Subfund - Unrestricted Subaccount	1,999	3	0	0	0	0	0	0	2,002
<b>Appropriations Total*</b>	<b>2,746</b>	<b>1,011</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>6,457</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		660	801	501	519	537	556	575	4,149

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

# Seattle Center

## Parking Repairs and Improvements

**BCL/Program Name:** Parking Repairs and Improvements      **BCL/Program Code:** S0301  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S0301      **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne      **Urban Village:** Uptown

This is an ongoing project funding the repair and improvement of Seattle Center's parking facilities. Recent work includes repair of spalling concrete and eliminating stairwell water leaks in the Mercer Garage. In 2005-2006, Seattle Center plans to install automatic pay machines at the 1st Avenue North Parking Garage. In 2006, \$70,000 in Lots 4 and 5 proceeds are appropriated to support security improvements in the Mercer and 1st Avenue North garages. Annual allocations in 2007 through 2011 depend upon specific projects and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	110	40	0	0	0	0	0	0	150
Property Sales and Interest Earnings-2	0	90	70	0	0	0	0	0	160
To Be Determined	0	0	0	167	173	179	186	193	898
<b>Project Total:</b>	110	130	70	167	173	179	186	193	1,208
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	110	40	0	0	0	0	0	0	150
Cumulative Reserve Subfund - Unrestricted Subaccount	0	90	70	0	0	0	0	0	160
<b>Appropriations Total*</b>	110	130	70	0	0	0	0	0	310
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		90	110	167	173	179	186	193	1,098

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# Seattle Center

## Plumbing Repairs and Replacement

**BCL/Program Name:** Utility Infrastructure **BCL/Program Code:** S03P03  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** S9702 **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This ongoing project funds plumbing, mechanical repairs, and improvements throughout the campus, including repair and replacement of steam, condensate, sewer, and water lines; upgrade and replacement of piping and fixtures; HVAC renovation; and repairs and improvements to fire alarm and fire sprinkler systems. Funds included in this project are generally for small asset preservation and repair projects, as opposed to major systems overhaul or replacement. Annual allocations in 2007 through 2011 depend upon specific plans and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	589	4	0	0	0	0	0	0	593
General Subfund Revenues	350	0	0	0	0	0	0	0	350
To Be Determined	0	0	0	62	64	67	69	72	334
<b>Project Total:</b>	939	4	0	62	64	67	69	72	1,277
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	589	4	0	0	0	0	0	0	593
Emergency Subfund	350	0	0	0	0	0	0	0	350
<b>Appropriations Total*</b>	939	4	0	0	0	0	0	0	943
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle Center

## Preliminary Engineering and Planning

**BCL/Program Name:** Campuswide Improvements and Repairs      **BCL/Program Code:** S03P01  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S9706      **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This ongoing project funds the development of scopes of work, concept plans, design alternatives, and cost estimates for Seattle Center capital projects. Examples of past work include design of fire alarm system upgrades, analysis of alternatives for exterior wall repairs, and planning for property sales. Work planned in 2006 includes conceptual design and financial analysis of capital improvement options in conjunction with the development of Seattle Center business plans. Increases greater than \$75,000 in annual allocations for 2007 through 2011 depend upon specific plans and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	300	0	200	0	0	0	0	0	500
Property Sales and Interest Earnings-2	95	60	75	75	75	75	75	75	605
To Be Determined	0	0	0	14	17	20	24	27	102
<b>Project Total:</b>	395	60	275	89	92	95	99	102	1,207
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	300	0	200	0	0	0	0	0	500
Cumulative Reserve Subfund - Unrestricted Subaccount	95	60	75	75	75	75	75	75	605
<b>Appropriations Total*</b>	395	60	275	75	75	75	75	75	1,105
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		35	300	89	92	95	99	102	812

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# Seattle Center

## Public Gathering Space Improvements

**BCL/Program Name:** Public Gathering Space Improvements      **BCL/Program Code:** S9902  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S9902      **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne      **Urban Village:** Uptown

This ongoing project repairs and modernizes meeting rooms, exhibition, and public gathering spaces at Seattle Center, including the Northwest Rooms, the Seattle Center Pavilion, the Conference Center and theater in Center House, the Exhibition Hall, the Nesholm Lecture Hall, and Fisher Pavilion. Past work includes replacement of the Winterfest Ice Rink mechanical equipment, carpet replacement, floor repair and replacement, sound and lighting improvements, replacement of event equipment, rigging improvements in Fisher Pavilion, and improved fiber service to the west portion of the campus, to enhance building rentals. \$350,000 is added in 2006 for tenant improvements in the Snoqualmie Room to prepare the facility for lease by The Vera Project for offices and an all-ages performing arts venue. The Vera Project is raising additional funds for this project. Increases greater than \$90,000 in annual allocations from 2007 through 2011 depend upon specific plans and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	140	0	0	0	0	0	0	0	140
Real Estate Excise Tax I	0	0	350	0	0	0	0	0	350
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Property Sales and Interest Earnings-2	526	235	90	90	90	90	90	90	1,301
To Be Determined	0	0	0	162	171	180	189	199	901
<b>Project Total:</b>	726	235	440	252	261	270	279	289	2,752
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	140	0	0	0	0	0	0	0	140
Cumulative Reserve Subfund - REET I Subaccount	0	0	350	0	0	0	0	0	350
Cumulative Reserve Subfund - Unrestricted Subaccount	586	235	90	90	90	90	90	90	1,361
<b>Appropriations Total*</b>	726	235	440	90	90	90	90	90	1,851
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		163	512	252	261	270	279	289	2,026

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# Seattle Center

## Roof/Structural Replacement and Repair

**BCL/Program Name:** Facility Infrastructure Renovation and Repair      **BCL/Program Code:** S03P02  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S9701      **End Date:** Ongoing

**Location:** Campus-Wide Project

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This project provides roof repair and replacement and structural and seismic repairs throughout the Seattle Center campus. Work completed in recent years includes structural repairs to the Kobe Bell house, replacement of the Bagley Wright Theatre roof, seismic repair to Seattle Center Pavilion A, roof replacement and seismic upgrades to Center House, and replacement of the Exhibition Hall roof. Work planned in 2006 includes seismic upgrades to the Intiman Playhouse and adjacent colonnades. Ongoing funding in 2007 through 2011 funds smaller roof, structural and seismic repairs campuswide.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	450	0	0	0	0	0	0	0	450
General Obligation Bonds	2,391	4,163	0	0	0	0	0	0	6,554
Real Estate Excise Tax I	475	31	1,000	125	130	134	139	144	2,178
Property Sales and Interest Earnings-2	1,137	17	0	0	0	0	0	0	1,154
<b>Project Total:</b>	4,453	4,211	1,000	125	130	134	139	144	10,336
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	450	0	0	0	0	0	0	0	450
2003 LTGO Capital Project Fund	2,391	4,163	0	0	0	0	0	0	6,554
Cumulative Reserve Subfund - REET I Subaccount	475	31	1,000	125	130	134	139	144	2,178
Cumulative Reserve Subfund - Unrestricted Subaccount	1,137	17	0	0	0	0	0	0	1,154
<b>Appropriations Total*</b>	4,453	4,211	1,000	125	130	134	139	144	10,336
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		2,365	2,846	125	130	134	139	144	5,883

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# Seattle Center

## Roof/Structural Replacement and Repair - Debt Service

**BCL/Program Name:** Facility Infrastructure Renovation and Repair      **BCL/Program Code:** S03P02  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2003  
**Project ID:** S0304      **End Date:** 3rd Quarter 2013

**Location:** Seattle Center Campus

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** 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, as described in the Department's Roof/Structural Replacement and Repair CIP project (S9701). In 2003, supplemental legislation (Ordinance 121349) added \$105,000 of LTGO funding to correct a previous omission.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	105	0	0	0	0	0	0	0	105
Real Estate Excise Tax I	783	783	781	783	784	779	784	782	6,259
<b>Project Total:</b>	888	783	781	783	784	779	784	782	6,364
<b>Fund Appropriations/Allocations</b>									
2003 LTGO Capital Project Fund	105	0	0	0	0	0	0	0	105
Cumulative Reserve Subfund - REET I Subaccount	783	783	781	783	784	779	784	782	6,259
<b>Appropriations Total*</b>	888	783	781	783	784	779	784	782	6,364
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Seattle Center

## Site Signage

**BCL/Program Name:** Campuswide Improvements and Repairs      **BCL/Program Code:** S03P01  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S9118      **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This ongoing project funds replacement, renovation, and new wayfinding for ADA-related and informational signage throughout the Seattle Center campus. Recent work includes replacement signage for the 5th Avenue Parking Lot, a building readerboard for Fisher Pavilion, signage for the east side public entry of Center House, and interim repairs to extend the life of the World's Fair-era readerboards at the perimeter of the campus. Seattle Center plans to begin phased replacement of these increasingly inefficient and difficult-to-maintain readerboards, as funding allows.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	34	57	0	0	0	0	0	0	91
Property Sales and Interest Earnings-2	397	38	50	50	50	50	50	50	735
Seattle Voter-Approved Levy	606	0	0	0	0	0	0	0	606
To Be Determined	0	0	0	344	358	372	387	402	1,863
<b>Project Total:</b>	1,037	95	50	394	408	422	437	452	3,295
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	34	57	0	0	0	0	0	0	91
Cumulative Reserve Subfund - Unrestricted Subaccount	397	38	50	50	50	50	50	50	735
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	606	0	0	0	0	0	0	0	606
<b>Appropriations Total*</b>	1,037	95	50	50	50	50	50	50	1,432
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		40	105	394	408	422	437	452	2,258

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# Seattle Center

## Theatre District Improvements

**BCL/Program Name:** Theatre District Improvements

**BCL/Program Code:** S0103

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2000

**Project ID:** S0103

**End Date:** Ongoing

**Location:** Mercer St./2nd Ave. N/5th Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

The Theatre District Improvements project includes a series of open space and pedestrian improvements along both sides of Mercer Street, at the north edge of Seattle Center. In 1999, the City acquired the former Diamond parking lot at the southwest corner of the block, along Mercer Street, west of the Mercer Garage. In 2003-04, the Department made modest improvements to the former Diamond property to transform it from a parking lot (and staging area for the McCaw Hall renovation) to public open space.

In 2000, the Kreielsheimer Foundation deeded a property fronting Mercer Street to the City (adjacent to and east of the former Diamond property); provided \$300,000 to fund schematic design of the Theatre District to coordinate with the exterior plazas for McCaw Hall; and awarded \$3 million in challenge grants for development of open space between the Intiman and the Bagley Wright Theaters and for acquisition of property on the north side of Mercer Street between Second Avenue N and Warren Avenue N. These grants require matching funds from public or private sources, which are shown as To Be Determined below. The match deadline is December 31, 2007, although the Board of Directors of the Foundation can extend the deadline to 2010 if they determine satisfactory progress is being made on the match. In 2004, concept design work was completed for the "Theatre Commons" space between the Intiman and Bagley Wright theaters in order to support fundraising for implementation of the project. Theatre District improvements are expected to be made incrementally as funding is available.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	150	0	0	0	0	0	0	0	150
Real Estate Excise Tax I	2	98	0	0	0	0	0	0	100
Property Sales and Interest Earnings-2	57	0	0	0	0	0	0	0	57
General Subfund Revenues	88	0	0	0	0	0	0	0	88
Private Funding/Donations	1,403	0	0	3,000	0	0	0	0	4,403
To Be Determined	0	0	0	3,000	100	100	100	100	3,400
<b>Project Total:</b>	1,700	98	0	6,000	100	100	100	100	8,198
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	150	0	0	0	0	0	0	0	150
Cumulative Reserve Subfund - REET I Subaccount	2	98	0	0	0	0	0	0	100
Cumulative Reserve Subfund - Unrestricted Subaccount	57	0	0	0	0	0	0	0	57
Seattle Center Operating Fund	88	0	0	0	0	0	0	0	88
<b>Appropriations Total*</b>	297	98	0	0	0	0	0	0	395
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		0	0	6,098	100	100	100	100	6,498

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

# Seattle Center

## Theatre Improvements and Repairs

**BCL/Program Name:** Theatre Improvements and Repairs      **BCL/Program Code:** S9604  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S9604      **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne      **Urban Village:** Uptown

This ongoing project funds improvements to the major theaters on the Seattle Center campus including McCaw Hall, the Intiman Playhouse, the Bagley Wright Theatre, the Seattle Children's Theatre, and theater spaces in Center House. Past work includes fire safety, seismic, mechanical, sound, staging, and lobby improvements, as well as environmental review and preliminary planning for redevelopment of the Opera House. Work completed in 2005 includes floor surface and lighting renovation of the former Opera House rehearsal hall in McCaw Hall. Funding for this project in 2007 through 2011 depends upon specific plans and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	1,088	42	0	0	0	0	0	0	1,130
Real Estate Excise Tax I	544	300	0	250	250	250	250	250	2,094
Property Sales and Interest Earnings-2	1,451	168	0	0	0	0	0	0	1,619
To Be Determined	0	0	0	277	295	315	335	355	1,577
<b>Project Total:</b>	<b>3,083</b>	<b>510</b>	<b>0</b>	<b>527</b>	<b>545</b>	<b>565</b>	<b>585</b>	<b>605</b>	<b>6,420</b>
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	1,088	42	0	0	0	0	0	0	1,130
Cumulative Reserve Subfund - REET I Subaccount	544	300	0	250	250	250	250	250	2,094
Cumulative Reserve Subfund - Unrestricted Subaccount	1,451	168	0	0	0	0	0	0	1,619
<b>Appropriations Total*</b>	<b>3,083</b>	<b>510</b>	<b>0</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>4,843</b>
<b>O &amp; M Costs (Savings)</b>			<b>0</b>						
<b>Spending Plan</b>		<b>388</b>	<b>122</b>	<b>527</b>	<b>545</b>	<b>565</b>	<b>585</b>	<b>605</b>	<b>3,337</b>

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# Seattle Center

## Utility Infrastructure Master Plan & Repairs

**BCL/Program Name:** Utility Infrastructure **BCL/Program Code:** S03P03  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** S0101 **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne **Urban Village:** Uptown

This ongoing project funds development and phased implementation of a Master Plan for the renovation of utilities at Seattle Center. Affected utilities include chilled-water and steam lines, electrical equipment, and communication lines. Past work includes replacement of a condensate line along Second Avenue, replacement of steam and chilled water lines, improvements to the Center House chilled-water loop, replacement of the water main serving the Center House fire system, and Park Place electrical infrastructure improvements. Work planned for 2006 includes continued phased replacement of underground steam and chilled water lines. Funding for this project in 2007 through 2011 depends upon specific plans and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	495	656	0	0	0	0	0	0	1,151
Real Estate Excise Tax I	10	533	655	321	333	344	356	369	2,921
<b>Project Total:</b>	505	1,189	655	321	333	344	356	369	4,072
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	495	656	0	0	0	0	0	0	1,151
Cumulative Reserve Subfund - REET I Subaccount	10	533	655	321	333	344	356	369	2,921
<b>Appropriations Total*</b>	505	1,189	655	321	333	344	356	369	4,072
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		1,058	786	321	333	344	356	369	3,567

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# Seattle Center

## Waste/Recycle Center, Warehouse and Shops Improvements

**BCL/Program Name:** Waste/Recycle Center, Warehouse and Shops Improvements      **BCL/Program Code:** S9801  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** S9801      **End Date:** Ongoing

**Location:** Campuswide Project

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Uptown

This ongoing project funds renovation, equipment replacement, and improvements related to Seattle Center shops and warehouse, and campus waste disposal and recycling. Recent work includes electrical upgrade of the Park Place shops. Annual allocations in 2007 through 2011 depend upon specific plans and available resources.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	173	72	0	50	50	50	50	50	495
To Be Determined	0	0	0	75	80	84	89	94	422
<b>Project Total:</b>	173	72	0	125	130	134	139	144	917
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	173	72	0	50	50	50	50	50	495
<b>Appropriations Total*</b>	173	72	0	50	50	50	50	50	495
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**SEATTLE PUBLIC  
LIBRARY**



## Overview of Facilities and Programs

Seattle's libraries provide a variety of informational, educational, and recreational services. The Seattle Public Library's mission is to provide free access to information, which includes acquiring and organizing materials, providing access to other libraries and data services through subscriptions or cooperative agreements, and promoting literacy and lifelong learning.

The five-member Seattle Public Library Board of Trustees, appointed for five-year terms by the Mayor with the consent of the City Council, governs the Seattle Public Library (Library). State law establishes the Library Board's authority and responsibilities. The Board sets Library policy, establishes priorities for resource allocation, and adopts the annual budget. The Board employs a City Librarian who administers the Library in accordance with Board policies and objectives. The City provides the Seattle Public Library's primary funding. Gifts, donations, other public and private grants, rentals, and book sales provide additional revenues to the Library.

In May 1998, the Board of Trustees adopted a comprehensive facilities plan entitled "Libraries for All" (LFA). The City Council authorized a \$196.4 million bond issue to be placed on the November 1998 ballot for voter-approved debt to finance the plan in conjunction with Councilmanic debt, allocations from the Cumulative Reserve Subfund, sale of surplus property, and private fundraising. The ballot measure was passed by a significant majority of Seattle voters. The total plan is being implemented over eight years. The original project budget was \$239.5 million, but since the passage of the bond issue, additional private donations and bond interest earnings have increased the budget for projects to \$278.1 million. The Library anticipates accruing approximately \$20.6 million in bond interest revenue, to be applied to unanticipated costs of the LFA plan. The 2006-2011 Proposed CIP allocates \$1.0 million in 2006 and \$999,000 in 2007 from voter-approved bonds, \$2.5 million from the Cumulative Reserve Subfund in 2006, and \$1 million in 2006 and \$294,000 in 2007 from private donations.

Following LFA implementation, the City will own all of its community library branches with the exception of the International District, NewHolly, and Wallingford branches. The Library also owns property in downtown Seattle that currently houses the Washington Talking Book and Braille Library. Five of the Library's branches were originally built with Carnegie funding (Columbia, Fremont, Green Lake, University, and West Seattle).

## Highlights

"Libraries for All" Plan: This program builds a new Central Library on the site of the old Central Library; builds three new branch libraries – Delridge, International District/Chinatown and Northgate – in neighborhoods not previously served by branches; and replaces, expands, renovates, or relocates each of the 23 branch libraries in the system as of 1998. Branch libraries scheduled for replacement include Ballard, Beacon Hill, Capitol Hill, Central, Greenwood, High Point, and Montlake. Expanded branches include Broadview, Columbia, Douglass Truth, Lake City, North East, Rainier Beach, and Southwest. Branches in Fremont, Green Lake, Madrona, Magnolia, Queen Anne, University, and West Seattle will be renovated and NewHolly and Wallingford will be relocated. In addition, two new branch libraries at South Park and Sand Point were also included as part of the Opportunity Fund allocation process in 2000 (see below for more information).

To date, 16 "Libraries for All" branch projects have been completed, including NewHolly (1999); Wallingford (2000); Delridge (2002); Capitol Hill (2003); Rainier Beach, Green Lake, West Seattle, Central, High Point, North East, Beacon Hill, and Columbia (2004); and Greenwood, Fremont, Ballard, and International District Chinatown (2005). The Lake City branch is scheduled to open in early fall 2005. In 2006, the Douglass-Truth, Northgate, and South Park branches are scheduled to open.

### "Libraries for All" Opportunity Fund

A \$6 million Opportunity Fund was allocated in late 2000 to projects in areas underserved by the City's library system. The Citizens Implementation Review Panel (CIRP) coordinated the project selection process. Projects

# Library

recommended for funding by CIRP were evaluated by the Library Board and approved by the City Council per Resolution 30254. Projects include:

Project	Estimated Cost	Completion Date
Beacon Hill Library– 400-square-foot Language Center inside the new branch	\$99,492	2004
Magnolia Library – 1,800-square-foot addition	\$1,624,365	3 <sup>rd</sup> Quarter 2007
Mount Baker – feasibility study	\$12,183	TBD
Queen Anne Library – relocation of staff and public spaces	\$101,523	1 <sup>st</sup> Quarter 2007
Sand Point – new 5,000-square-foot full service library	\$1,421,300	TBD
South Park – new 5,000-square-foot full service library	\$2,741,137	2nd Quarter 2006
<b>Total</b>	<b>\$6,000,000</b>	

Allocations to Opportunity Fund projects to date are described below (project BLOPT):

Project	2000	2001	2002	2003	2004	2005	2006	Total
Beacon Hill	\$99,492							\$99,492
Bookmobile	\$191,058	\$11,988			(\$203,046)			\$0
Magnolia	\$450			\$298,477		\$747,738	\$577,700	\$1,624,365
Mount Baker		\$12,183						\$12,183
Queen Anne				\$101,523				\$101,523
Sand Point							\$422,300	\$422,300
South Park		\$1,285,829			\$1,203,046	\$252,262		\$2,741,137
<b>Appropriated Total</b>	<b>\$291,000</b>	<b>\$1,310,000</b>	<b>\$0</b>	<b>\$400,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,001,000</b>

**2006 Asset Preservation Projects:** In 2006, the Library expects to coordinate maintenance repairs with active “Libraries for All” projects and perform necessary irrigation system, pavement, flooring, roof, and other repairs.

## Project Selection Process

The Library has approached the selection of CIP projects on two fronts over the last several years: the selection of renovation, expansion, replacement, and new facility projects as part of the “Libraries for All” capital plan, funded primarily through voter-approved bonds and the selection of asset preservation projects to ensure continued operation of existing facilities.

**Project Identification:** Potential development projects were identified after a professional assessment of service and facilities deficiencies, considerable community dialogue, and staff input. Criteria used include: the ability of existing facilities to handle current and projected use; citizen input; conformance with basic library standards; geographic equity; compatibility with neighborhood planning; and opportunities for co-location with other agencies. Asset preservation projects were identified by Library facilities staff based on an assessment of facility conditions, and a cyclical replacement schedule for various building components. Criteria used for asset preservation project identification included: safety, barrier-free access, replacement of deteriorating equipment subsystems, facility integrity, floor covering, and lighting replacement.

**Project Selection:** In conjunction with the Library Board, Library management and staff refined the list of development projects using the criteria in the project identification step, and held more than 35 meetings throughout the city to gain further citizen input and to ensure that Library planning was coordinated with neighborhood planning. The City Librarian then presented the “Libraries for All” plan to the Library Board. Additional community information meetings and a public hearing were held, additional modifications were made, and the Library Board approved the plan. A list of asset preservation projects was also refined, and only projects that complement the “Libraries for All” plan were adopted.

**Project Budget and Scheduling:** Cost estimates for the “Libraries for All” plan were prepared based on specific functional program requirements for the new Central Library, and general program requirements for branch library improvements. A schedule was developed to implement the plan over an eight-year period, ensuring that neighborhood library improvements are completed each year throughout this period and that the Central Library was completed by the fifth year. Asset preservation projects are coordinated with “Libraries for All” projects and are scheduled to meet safety or other requirements.

## **Additional notes regarding Library CIP Projects:**

- ◆ “Libraries for All” project costs shown in the following project description pages (with the exception of the Opportunity Fund, Technology Enhancements, Book Collections, and Storage and Transfer of Library Materials projects) include total project costs less administrative costs. “Libraries for All” administrative and overhead costs are accounted for in the Project Planning and Management Project (BC31910).
- ◆ “Libraries for All” project schedules are updated to reflect current assumptions. Future schedules are to be confirmed as properties are acquired, architect contracts are signed, and project scopes are negotiated.
- ◆ Non-City funds are shown for information purposes only. Private funding numbers listed on the following pages are estimates of spending from private sources and do not represent appropriations.
- ◆ In 2001, the Library Board began to allocate “Libraries for All” bond interest earnings to “Libraries for All” projects that have encountered increases due to higher-than-anticipated land and other costs. Additional funding from this source is included as part of the “Libraries for All” funding for most branch libraries and for the new Central Library. This source will also include miscellaneous revenues such as proceeds from rental properties.

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

Operations and maintenance (O&M) amounts listed in the Library’s CIP were originally calculated based on the assumptions in a “Libraries for All” fiscal note produced by the City in March 1998. In April 2002, the Department of Finance updated the original “Libraries for All” fiscal note and the revised O&M amounts for each library branch are included in the 2006-2011 Proposed CIP.

# Library

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Book Collections for New Branches</b>						<b>BCL/Program Code:</b>				BLMAT
Book Collections for New Branches	BLMAT	433	512	0	0	0	0	0	0	<b>945</b>
<b>Total for BCL</b>	<b>Book Collections for New Branches</b>	<b>433</b>	<b>512</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>945</b>
<b>Broadview Library Expansion</b>						<b>BCL/Program Code:</b>				BLBRO1
Broadview Library Expansion	BLBRO1	600	1,812	1,814	0	0	0	0	0	<b>4,226</b>
<b>Total for BCL</b>	<b>Broadview Library Expansion</b>	<b>600</b>	<b>1,812</b>	<b>1,814</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,226</b>
<b>Douglass-Truth Library Expansion</b>						<b>BCL/Program Code:</b>				BLDTH1
Douglass-Truth Library Expansion	BLDTH1	636	5,997	0	0	0	0	0	0	<b>6,633</b>
<b>Total for BCL</b>	<b>Douglass-Truth Library Expansion</b>	<b>636</b>	<b>5,997</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,633</b>
<b>Historic Building Renovations</b>						<b>BCL/Program Code:</b>				B401102
Historic Building Renovations	B401102	30	40	0	0	0	0	0	0	<b>70</b>
<b>Total for BCL</b>	<b>Historic Building Renovations</b>	<b>30</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70</b>
<b>Lake City Library Expansion/New Neighborhood Service Center</b>						<b>BCL/Program Code:</b>				BLLCY1
Lake City Library Expansion/New Neighborhood Service Center	BLLCY1	2,979	1,762	0	0	0	0	0	0	<b>4,741</b>
<b>Total for BCL</b>	<b>Lake City Library Expansion/New Neighborhood Service Center</b>	<b>2,979</b>	<b>1,762</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,741</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Library

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Library Building Improvements</b>						<b>BCL/Program Code:</b>				B401104
Library Building Improvements	B401104	95	198	0	0	0	0	0	0	<b>293</b>
<b>Total for BCL</b>	<b>Library Building Improvements</b>	<b>95</b>	<b>198</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>293</b>
<b>Library Building Renovations</b>						<b>BCL/Program Code:</b>				B401103
Library Building Renovations	B401103	376	549	0	0	0	0	0	0	<b>925</b>
<b>Total for BCL</b>	<b>Library Building Renovations</b>	<b>376</b>	<b>549</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>925</b>
<b>Library Grounds Maintenance</b>						<b>BCL/Program Code:</b>				B401101
Library Grounds Maintenance	B401101	28	108	0	0	0	0	0	0	<b>136</b>
<b>Total for BCL</b>	<b>Library Grounds Maintenance</b>	<b>28</b>	<b>108</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>136</b>
<b>Madrona Library Renovation</b>						<b>BCL/Program Code:</b>				BLMGM
Madrona Library Renovation	BLMGM	0	260	0	0	0	0	0	0	<b>260</b>
<b>Total for BCL</b>	<b>Madrona Library Renovation</b>	<b>0</b>	<b>260</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>260</b>
<b>Magnolia Library Renovation</b>						<b>BCL/Program Code:</b>				BLMAG
Magnolia Library Renovation	BLMAG	0	567	287	0	0	0	0	0	<b>854</b>
<b>Total for BCL</b>	<b>Magnolia Library Renovation</b>	<b>0</b>	<b>567</b>	<b>287</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>854</b>
<b>Montlake Library Replacement</b>						<b>BCL/Program Code:</b>				BLMON1
Montlake Library Replacement	BLMON1	1,811	2,371	0	0	0	0	0	0	<b>4,182</b>
<b>Total for BCL</b>	<b>Montlake Library Replacement</b>	<b>1,811</b>	<b>2,371</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,182</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Northgate - Construction of New Branch</b>						<b>BCL/Program Code:</b>				B2NGT1
Northgate - Construction of New Branch	B2NGT1	2,227	5,566	0	0	0	0	0	0	7,793
<b>Total for BCL</b>	<b>Northgate - Construction of New Branch</b>	<b>2,227</b>	<b>5,566</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,793</b>
<b>Opportunity Fund for Neighborhood Library Projects</b>						<b>BCL/Program Code:</b>				BLOPT
Opportunity Fund for Neighborhood Library Projects	BLOPT	777	3,224	1,000	999	0	0	0	0	6,000
<b>Total for BCL</b>	<b>Opportunity Fund for Neighborhood Library Projects</b>	<b>777</b>	<b>3,224</b>	<b>1,000</b>	<b>999</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,000</b>
<b>Project Planning and Management</b>						<b>BCL/Program Code:</b>				BC31910
Project Planning and Management	BC31910	7,293	2,664	1,001	294	0	0	0	0	11,252
<b>Total for BCL</b>	<b>Project Planning and Management</b>	<b>7,293</b>	<b>2,664</b>	<b>1,001</b>	<b>294</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,252</b>
<b>Queen Anne Library Renovation</b>						<b>BCL/Program Code:</b>				BLQNA
Queen Anne Library Renovation	BLQNA	0	184	359	0	0	0	0	0	543
<b>Total for BCL</b>	<b>Queen Anne Library Renovation</b>	<b>0</b>	<b>184</b>	<b>359</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>543</b>
<b>Southwest Library Expansion</b>						<b>BCL/Program Code:</b>				BLSWT
Southwest Library Expansion	BLSWT	442	4,953	0	0	0	0	0	0	5,395
<b>Total for BCL</b>	<b>Southwest Library Expansion</b>	<b>442</b>	<b>4,953</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,395</b>
<b>Storage and Transfer of Library Materials</b>						<b>BCL/Program Code:</b>				BLMOV1
Storage and Transfer of Library Materials	BLMOV1	955	320	0	0	0	0	0	0	1,275
<b>Total for BCL</b>	<b>Storage and Transfer of Library Materials</b>	<b>955</b>	<b>320</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,275</b>

\*Amounts in thousands of dollars

# Library

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Technology Enhancements - Branches</b>						<b>BCL/Program Code:</b>		BLBTECH1		
Technology Enhancements - Branches	BLBTEC H1	5,912	3,138	0	0	0	0	0	0	<b>9,050</b>
<b>Total for BCL</b>	<b>Technology Enhancements - Branches</b>	<b>5,912</b>	<b>3,138</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,050</b>
<b>University Library Renovation</b>						<b>BCL/Program Code:</b>		BLUNI		
University Library Renovation	BLUNI	0	771	0	0	0	0	0	0	<b>771</b>
<b>Total for BCL</b>	<b>University Library Renovation</b>	<b>0</b>	<b>771</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>771</b>
<b>Department Total</b>		<b>24,594</b>	<b>34,996</b>	<b>4,461</b>	<b>1,293</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,344</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

## Fund Summary

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
1999 Seattle Center and Community Center Levy Fund	908	102	0	0	0	0	0	0	<b>1,010</b>
2002B LTGO Capital Project Fund	442	3,989	0	0	0	0	0	0	<b>4,431</b>
2005 LTGO Capital Project Fund	0	100	0	0	0	0	0	0	<b>100</b>
Cumulative Reserve Subfund - REET I Subaccount	507	3,037	2,460	0	0	0	0	0	<b>6,004</b>
Cumulative Reserve Subfund - Unrestricted Subaccount	355	580	0	0	0	0	0	0	<b>935</b>
Seattle Public Library Foundation/Private	4,344	12,919	1,001	294	0	0	0	0	<b>18,558</b>
UTGO Libraries for All Fund	18,038	14,269	1,000	999	0	0	0	0	<b>34,306</b>
<b>Department Total</b>	<b>24,594</b>	<b>34,996</b>	<b>4,461</b>	<b>1,293</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,344</b>

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**



## Broadview Library Expansion

**BCL/Program Name:** Broadview Library Expansion

**BCL/Program Code:** BLBRO1

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2000

**Project ID:** BLBRO1

**End Date:** 2nd Quarter 2007

**Location:** 12755 Greenwood Ave. N

**Neighborhood Plan:** Broadview-Bitter Lake-Haller Lake

**Neighborhood Plan Matrix:** ALS-4

**Neighborhood District:** Northwest

**Urban Village:** Bitter Lake Village

This project renovates and expands the existing Broadview Library building by 6,595 square feet to provide a total program space of 15,000 square feet. The additional space allows for an expanded book collection and added seating. Potential areas of renovation and expansion include the lobby, collection area, circulation desk, meeting rooms, and staff work areas. Air circulation, electrical distribution, lighting, energy and capacity, and telecommunication systems (to enhance Internet access) are examined for potential renovation and upgrade.

The project budget - originally \$3.42 million - has changed as follows: \$18,000 was added to supplement existing art funding (2002, from private funding); \$181,000 was abandoned from the Cumulative Reserve Subfund and re-appropriated from the 2002 LTGO Projects Fund (2002); \$2,556 was added to correct the LTGO appropriation (2003); \$110,394 was added to account for project inflation (2003, from "Libraries for All" bond interest earnings); and \$675,000 was appropriated from the Cumulative Reserve Subfund (REET I) in the second quarter 2005 via Ordinance 115323 for street improvement costs. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	184	0	0	0	0	0	0	184
Real Estate Excise Tax I	0	1,420	1,814	0	0	0	0	0	3,234
Private Funding/Donations	0	18	0	0	0	0	0	0	18
Seattle Voter-Approved Debt	600	190	0	0	0	0	0	0	790
<b>Project Total:</b>	600	1,812	1,814	0	0	0	0	0	4,226
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	0	184	0	0	0	0	0	0	184
Cumulative Reserve Subfund - REET I Subaccount	0	1,420	1,814	0	0	0	0	0	3,234
UTGO Libraries for All Fund	600	190	0	0	0	0	0	0	790
<b>Appropriations Total*</b>	600	1,794	1,814	0	0	0	0	0	4,208
<b>O &amp; M Costs (Savings)</b>			56	75	77	79	82	84	453
<b>Spending Plan</b>		500	500	2,626	0	0	0	0	3,626

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

## Douglass-Truth Library Expansion

<b>BCL/Program Name:</b> Douglass-Truth Library Expansion	<b>BCL/Program Code:</b> BLDTH1
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 4th Quarter 2001
<b>Project ID:</b> BLDTH1	<b>End Date:</b> 2nd Quarter 2006

**Location:** 2300 E Yesler Wy.

**Neighborhood Plan:** Central Area

**Neighborhood Plan Matrix:** NC-18

**Neighborhood District:** Central

**Urban Village:** Not in an Urban Village

This project, designed by Schacht Aslani architects, renovates and expands the original Douglass-Truth Library building by 6,992 square feet to provide a total program space of 15,000 square feet. The expansion provides more space and better storage for the Library's African-American collection. Areas of renovation include the lobby, collection area, circulation desk, meeting rooms, and staff work areas. Air circulation, electrical distribution, lighting, energy and capacity, and telecommunication systems (to enhance Internet access) are also being renovated and upgraded.

The original Douglass-Truth budget was \$3.42 million. In 2002, the Library Board approved a budget increase of \$20,000 from private funding to supplement existing art funding. In 2003, the Library Board approved a budget increase of \$600,000 from private funding and \$704,053 from "Libraries for All" bond interest earnings to fund a two-story sub-grade addition. In 2005, the Library Board approved an increase of \$1,886,199 from private funding to fund construction and associated costs. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Private Funding/Donations	0	2,506	0	0	0	0	0	0	2,506
Seattle Voter-Approved Debt	636	3,491	0	0	0	0	0	0	4,127
<b>Project Total:</b>	636	5,997	0	0	0	0	0	0	6,633
<b>Fund Appropriations/Allocations</b>									
UTGO Libraries for All Fund	636	3,491	0	0	0	0	0	0	4,127
<b>Appropriations Total*</b>	636	3,491	0	0	0	0	0	0	4,127
<b>O &amp; M Costs (Savings)</b>			76	103	106	109	112	115	621
<b>Spending Plan</b>		3,300	2,697	0	0	0	0	0	5,997

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



## Lake City Library Expansion/New Neighborhood Service Center

**BCL/Program Name:** Lake City Library Expansion/New Neighborhood Service Center      **BCL/Program Code:** BLLCY1  
**Project Type:** Improved Facility      **Start Date:** 2nd Quarter 2000  
**Project ID:** BLLCY1      **End Date:** 2nd Quarter 2005

**Location:** 12501 25th Ave. NE

**Neighborhood Plan:** North District/Lake City

**Neighborhood Plan Matrix:** 2F-10

**Neighborhood District:** North

**Urban Village:** Lake City

This project, designed by ARC Architects, is the library and neighborhood service center (NSC) element of the Lake City Civic Center. The Civic Center also includes a re-developed Albert Davis Park, a public plaza, and a 71-stall parking garage. The park redevelopment is described in the Department of Parks and Recreation (DPR) CIP (project K733063); the plaza and garage elements are described in the Fleets & Facilities (FFD) CIP (project A51704). The Library is the overall project management lead for the Civic Center project. The library and NSC are scheduled to open in early fall 2005.

The existing Lake City Library building was renovated and expanded by 5,987 square feet to 15,000 square feet. Improvements include more seating and collection space; a multipurpose meeting room with kitchenette; a new conference and study room; upgraded technology; a more efficient lobby and circulation desk; better electrical service and lighting; and energy-efficient windows throughout. The approximately 3,600-square-foot NSC is co-located with the Library.

It is anticipated that in late 2005, the Fleets and Facilities Department (FFD) adds a key card access system for the parking garage. The key card system enables the adjacent Lake City Community Center to use the garage when the branch library and Neighborhood Service Center are closed. FFD is installing several other features, such as mirrors and an emergency phone, to increase security in the garage. The cost for the key card system and additional security features is approximately \$35,000. These funds are included in the third quarter 2005 supplemental legislation, and will be added to FFD's Lake City CIP following adoption of that ordinance.

The project budget - originally \$2.82 million - increased as follows: \$1.01 million for the NSC (2001, from the 1999 Seattle Center and Community Centers (SC/CC) levy); \$25,000 for maintenance repairs to the sewer (2000, from the Cumulative Reserve Subfund); \$575,000 for the parking garage (2002 and 2003, from "Libraries for All" bond interest earnings - \$475,000 of this funding was originally included in the Fleets & Facilities (FFD) CIP, project A51704); \$16,000 to supplement existing art funding (2002, from private funding); and \$293,201 was added for project inflation and unanticipated construction costs (2003, from "Libraries for All" bond interest earnings).

Operations and maintenance costs for the Library represented below are based on estimates in the April 2002 "Libraries for All" fiscal note. DPR will maintain the plaza and FFD will maintain the elevator and garage for the Civic Center.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
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*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts in thousands of dollars.*

# Library

## Revenue Sources

Seattle Voter-Approved Levy	908	102	0	0	0	0	0	0	1,010
Property Sales and Interest Earnings-2	25	0	0	0	0	0	0	0	25
Private Funding/Donations	0	16	0	0	0	0	0	0	16
Seattle Voter-Approved Debt	2,046	1,644	0	0	0	0	0	0	3,690

**Project Total:** 2,979 1,762 0 0 0 0 0 0 0 4,741

## Fund Appropriations/Allocations

1999 Seattle Center and Community Center Levy Fund	908	102	0	0	0	0	0	0	1,010
Cumulative Reserve Subfund - Unrestricted Subaccount	25	0	0	0	0	0	0	0	25
UTGO Libraries for All Fund	2,046	1,644	0	0	0	0	0	0	3,690

**Appropriations Total\*:** 2,979 1,746 0 0 0 0 0 0 0 4,725

**O & M Costs (Savings)** 84 86 89 91 94 97 541

## Library Building Improvements

**BCL/Program Name:** Library Building Improvements

**BCL/Program Code:** B401104

**Project Type:** Improved Facility

**Start Date:** Ongoing

**Project ID:** B401104

**End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project enhances Library facilities including security improvements, smoke/fire alarm upgrades, and the installation of an improved building access system. In 2006, the Library expects to coordinate library building improvement projects with "Libraries for All" projects. The spending plan is based on an estimated timeline for performing scheduled asset preservation work and other work as the "Libraries for All" program is implemented. The project was fully appropriated in 2002 and funds carry over from year to year to continue this effort. This is an ongoing project - the Library intends to request additional Cumulative Reserve Subfund appropriation authority in future years.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	78	0	0	0	0	0	0	78
Property Sales and Interest Earnings-2	95	120	0	0	0	0	0	0	215
<b>Project Total:</b>	95	198	0	0	0	0	0	0	293
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	78	0	0	0	0	0	0	78
Cumulative Reserve Subfund - Unrestricted Subaccount	95	120	0	0	0	0	0	0	215
<b>Appropriations Total*:</b>	95	198	0	0	0	0	0	0	293
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		50	50	50	20	20	8	0	198

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



## Library Grounds Maintenance

<b>BCL/Program Name:</b> Library Grounds Maintenance	<b>BCL/Program Code:</b> B401101
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> Ongoing
<b>Project ID:</b> B401101	<b>End Date:</b> Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project assists in the upkeep of grounds and landscaping at Seattle Public Library buildings, including sprinkler and walkway repairs at various branches. In 2006, the Library expects to coordinate grounds maintenance repairs with "Libraries for All" projects and perform necessary irrigation system and pavement repairs. The spending plan is based on an estimated timeline for performing scheduled asset preservation work and other work as the "Libraries for All" program is implemented. The project was fully appropriated in 2002 and funds carry over from year to year to continue this effort. This is an ongoing project - the Library intends to request additional Cumulative Reserve Subfund appropriation authority in future years.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	28	108	0	0	0	0	0	0	136
<b>Project Total:</b>	28	108	0	0	0	0	0	0	136
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	28	108	0	0	0	0	0	0	136
<b>Appropriations Total*</b>	28	108	0	0	0	0	0	0	136
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		5	20	20	30	20	13	0	108

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

## Madrona Library Renovation

**BCL/Program Name:** Madrona Library Renovation

**BCL/Program Code:** BLMGM

**Project Type:** Improved Facility

**Start Date:** 4th Quarter 2003

**Project ID:** BLMGM

**End Date:** 3rd Quarter 2007

**Location:** 1134 33rd Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** NA

**Neighborhood District:** Central

**Urban Village:** Not in an Urban Village

This project improves the existing Madrona Library. Potential areas of renovation include the lobby, collection area, circulation desk, meeting rooms, and staff work areas. Air circulation, electrical distribution, lighting, energy and capacity, and telecommunication systems (to enhance Internet access) are examined for potential renovation and upgrade.

The original Madrona Library budget was \$247,000. In 2002, the Library Board approved a budget increase of \$5,700 from private funding to supplement the existing art funding. In 2003, the Library Board approved an increase of \$7,413 from private funding for project inflation. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	247	0	0	0	0	0	0	247
Private Funding/Donations	0	13	0	0	0	0	0	0	13
<b>Project Total:</b>	0	260	0	0	0	0	0	0	260
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	247	0	0	0	0	0	0	247
<b>Appropriations Total*</b>	0	247	0	0	0	0	0	0	247
<b>O &amp; M Costs (Savings)</b>			0	5	5	5	5	5	25
<b>Spending Plan</b>		10	240	10	0	0	0	0	260

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

**Magnolia Library Renovation**

**BCL/Program Name:** Magnolia Library Renovation

**BCL/Program Code:** BLMAG

**Project Type:** Improved Facility

**Start Date:** 4th Quarter 2004

**Project ID:** BLMAG

**End Date:** 3rd Quarter 2007

**Location:** 2801 34th Ave. W

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** NA

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project improves the existing Magnolia Library building, providing an expanded book collection; upgraded technology services and equipment; better electrical, communication, and computer connections; a more efficient circulation desk and work areas; upgraded air conditioning; and new carpeting and energy-efficient windows throughout. An 1,800-square-foot addition for the Magnolia Library was approved in 2000 through the Opportunity Fund process. The \$1.62 million funding for the addition is reported under the Opportunity Fund for Neighborhood Libraries project (BLOPT).

The original budget was \$745,000. In 2002, the Library Board approved a budget increase of \$17,459 from private funding to supplement the existing art funding. In 2003, the Library Board approved a budget increase of \$91,268 from private funding to account for project inflation. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	458	287	0	0	0	0	0	745
Private Funding/Donations	0	109	0	0	0	0	0	0	109
<b>Project Total:</b>	0	567	287	0	0	0	0	0	854
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	458	287	0	0	0	0	0	745
<b>Appropriations Total*</b>	0	458	287	0	0	0	0	0	745
<b>O &amp; M Costs (Savings)</b>			0	30	29	30	31	32	152
<b>Spending Plan</b>		100	600	154	0	0	0	0	854

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

## Montlake Library Replacement

**BCL/Program Name:** Montlake Library Replacement

**BCL/Program Code:** BLMON1

**Project Type:** Improved Facility

**Start Date:** 4th Quarter 2000

**Project ID:** BLMON1

**End Date:** 3rd Quarter 2006

**Location:** 2232 E McGraw St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** NA

**Neighborhood District:** East District

**Urban Village:** Not in an Urban Village

This project, designed by Weinstein Copeland Architects, replaces the existing 1,574-square-foot Montlake Library building with a new 5,000-square-foot facility at a new location near the center of the Montlake business district. The additional new space provides more seating and books, upgraded technology services and equipment, and parking.

The original Montlake Library budget was \$2.5 million. In 2002, the Library Board approved a budget increase of \$10,000 in private funding to supplement the existing art funding. In 2003, the Library Board approved budget increases of \$98,942 and \$845,000 from "Libraries for All" bond interest earnings to account for project inflation and higher than anticipated land costs, respectively. In 2004, the Library Board approved a budget increase of \$730,368 from "Libraries for All" bond interest earnings to account for structured parking, site work, utility relocations and associated costs; Ordinance 121680 appropriated this funding in November 2004. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Private Funding/Donations	289	1,602	0	0	0	0	0	0	1,891
Seattle Voter-Approved Debt	1,522	769	0	0	0	0	0	0	2,291
<b>Project Total:</b>	1,811	2,371	0	0	0	0	0	0	4,182
<b>Fund Appropriations/Allocations</b>									
UTGO Libraries for All Fund	1,522	769	0	0	0	0	0	0	2,291
<b>Appropriations Total*</b>	1,522	769	0	0	0	0	0	0	2,291
<b>O &amp; M Costs (Savings)</b>			8	15	16	16	16	16	87
<b>Spending Plan</b>		100	2,271	0	0	0	0	0	2,371

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

## Northgate - Construction of New Branch

<b>BCL/Program Name:</b> Northgate - Construction of New Branch	<b>BCL/Program Code:</b> B2NGT1
<b>Project Type:</b> New Facility	<b>Start Date:</b> 3rd Quarter 2002
<b>Project ID:</b> B2NGT1	<b>End Date:</b> 1st Quarter 2006

**Location:** 5th Ave. NE/NE 105th St.

**Neighborhood Plan:** Northgate

**Neighborhood Plan Matrix:** I-G 15.7

**Neighborhood District:** North

**Urban Village:** Northgate

This project is the library element of a new civic center in the Northgate neighborhood (park, branch library, community center - see Parks projects K73479 and K733107) designed by the Miller Hill Partnership to be co-located in the Northgate neighborhood on a 3.55-acre site at the northeast corner of 5th Ave. NE and NE 105th St. The new Northgate Library provides a total program area of 10,000 square feet. Anticipated features include seating for up to 100 patrons, capacity for a collection of 30,000 books, modern technology services and equipment, special areas for both children and adults, a multi-purpose meeting room, and computer workstation and instruction areas.

The original Northgate Library budget was \$4.97 million. (Note: A \$1.25 million appropriation from UTGO bond proceeds was made prior to a decision to fund this project from private sources. Original project costs, including the \$1.25 million appropriation, total \$6.22 million and are included in the totals below. If bond funding is not required, the \$1.25 million appropriation will be abandoned after the project is completed.) In 2002, the Library Board approved a budget increase of \$20,000 from private funding to supplement the existing art funding. In 2003, the Library Board approved budget increases of \$198,075 and \$537,521 from "Libraries for All" bond interest earnings to account for project inflation and higher than anticipated land costs, respectively. In 2004, the Library Board approved a budget increase of \$168,974 to pay for 5th Ave. and NE 105th St. development, site planning, abatement, and moving costs; Ordinance 121680 appropriated this funding in November 2004. In August 2004, the Library Board approved a budget increase of \$300,000 from "Libraries for All" bond interest earnings, and in 2005 the project budget was increased by \$350,000 from the Cumulative Reserve Subfund - REET I, as initial construction bids had exceeded the budget. The project was re-bid within budget in early 2005 and is expected to open in 2006. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	350	0	0	0	0	0	0	350
Private Funding/Donations	367	4,623	0	0	0	0	0	0	4,990
Seattle Voter-Approved Debt	1,860	593	0	0	0	0	0	0	2,453
<b>Project Total:</b>	2,227	5,566	0	0	0	0	0	0	7,793
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	350	0	0	0	0	0	0	350
UTGO Libraries for All Fund	1,860	593	0	0	0	0	0	0	2,453
<b>Appropriations Total*</b>	1,860	943	0	0	0	0	0	0	2,803
<b>O &amp; M Costs (Savings)</b>			531	535	551	568	585	603	3,373
<b>Spending Plan</b>		4,000	1,566	0	0	0	0	0	5,566

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

## Opportunity Fund for Neighborhood Library Projects

<b>BCL/Program Name:</b> Opportunity Fund for Neighborhood Library Projects	<b>BCL/Program Code:</b> BLOPT
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 4th Quarter 1999
<b>Project ID:</b> BLOPT	<b>End Date:</b> TBD
<b>Location:</b> Citywide	
<b>Neighborhood Plan:</b> South Park	<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 funding allows for Library facility improvements or new construction in areas of the City currently under-served by the Library. Criteria and project selection, including consideration of neighborhood plan recommendations, began in 1999 and concluded in 2000. Projects were recommended for funding by the Citizens Implementation Review Panel (CIRP), evaluated by the Library Board, and approved by the City Council per Resolution 30254. Projects include new libraries at South Park and Sand Point; a language center at the Beacon Hill branch (see project BLBEA1); a meeting room addition at the Magnolia branch (see project BLMAG); and a bookmobile. In 2004, CIRP and the Library Board recommended to the City Council to reallocate \$203,046 from the bookmobile project to the South Park project, which was approved via Resolution 30689. A complete list of Opportunity Fund projects, together with schedules and budgets, is included in the Overview at the beginning of this section. This project continues until all funds are expended. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note and the subsequent \$120,000 in savings resulting from the elimination of the bookmobile project (that would have served several neighborhoods). The funding reallocation to the new South Park Library has no associated operations and maintenance costs. Spending plan estimates are based on the current project schedule for completing Opportunity Fund projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Debt	777	3,224	1,000	999	0	0	0	0	6,000
<b>Project Total:</b>	777	3,224	1,000	999	0	0	0	0	6,000
<b>Fund Appropriations/Allocations</b>									
UTGO Libraries for All Fund	777	3,224	1,000	999	0	0	0	0	6,000
<b>Appropriations Total*</b>	777	3,224	1,000	999	0	0	0	0	6,000
<b>O &amp; M Costs (Savings)</b>			999	1,829	659	679	699	720	5,585
<b>Spending Plan</b>		1,500	2,500	1,223	0	0	0	0	5,223

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

**Project Planning and Management****BCL/Program Name:** Project Planning and Management**BCL/Program Code:** BC31910**Project Type:** Improved Facility**Start Date:** 1st Quarter 1999**Project ID:** BC31910**End Date:** 4th Quarter 2007**Location:** Citywide**Neighborhood Plan:** Not in a Neighborhood Plan**Neighborhood Plan Matrix:** N/A**Neighborhood District:** In more than one District**Urban Village:** In more than one Urban Village

The original "Libraries for All" program included costs for Library staff planning and administration, but these costs were embedded in each of the project budgets. In order to efficiently manage the program, this project was created. Costs charged against this program include the salaries, benefits, office supply, and other costs of the 10-member capital projects staff. It also includes art administration, public information, and other costs as well as pre-bond, debt issuance, and consultant contracts to jump-start the program in 1999. The cost of issuing debt is within this budget. In the project pro-forma, \$3.9 million is reserved for debt issuance. Bonds were sold in 1999 and a second bond sale occurred in the fall of 2002. In addition, \$71,000 was added in both 2003 and 2004 to this project from the Cumulative Reserve Subfund REET I Subaccount to cover the Library's allocated cost of services provided by the Construction and Consultant Contracting Division in the Department of Executive Administration (DEA). In 2005, \$900,000 was added from UTGO interest earnings to pay for excess arbitrage earnings. In 2006, \$1,001,000 is added to this project from a private funding reallocation to more accurately reflect program administration costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	100	0	0	0	0	0	0	100
Real Estate Excise Tax I	308	138	0	0	0	0	0	0	446
Private Funding/Donations	15	135	1,001	294	0	0	0	0	1,445
Seattle Voter-Approved Debt	6,970	2,291	0	0	0	0	0	0	9,261
<b>Project Total:</b>	7,293	2,664	1,001	294	0	0	0	0	11,252
<b>Fund Appropriations/Allocations</b>									
2005 LTGO Capital Project Fund	0	100	0	0	0	0	0	0	100
Cumulative Reserve Subfund - REET I Subaccount	308	138	0	0	0	0	0	0	446
UTGO Libraries for All Fund	6,970	2,291	0	0	0	0	0	0	9,261
<b>Appropriations Total*</b>	7,278	2,529	0	0	0	0	0	0	9,807
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		1,664	1,800	495	0	0	0	0	3,959

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

## Queen Anne Library Renovation

**BCL/Program Name:** Queen Anne Library Renovation

**BCL/Program Code:** BLQNA

**Project Type:** Improved Facility

**Start Date:** 4th Quarter 2004

**Project ID:** BLQNA

**End Date:** 1st Quarter 2007

**Location:** 400 W Garfield St.

**Neighborhood Plan:** Queen Anne

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Queen Anne

This project improves the existing Queen Anne Library. Potential areas of renovation include the lobby, collection area, circulation desk, meeting rooms, and staff work areas. Air circulation, electrical distribution, lighting, energy and capacity, and telecommunication systems (to enhance Internet access) are examined for potential renovation and upgrade. An additional \$101,000 was approved in 2000 through the Opportunity Fund process to relocate staff and public spaces. The funding for the re-configuration is reported under the Opportunity Fund for Neighborhood Libraries project (BLOPT).

The original Queen Anne Library budget was \$468,000. In 2002, the Library Board approved a budget increase of \$10,915 from private funding to supplement the existing art funding. In 2003, the Library Board approved a budget increase of \$56,958 from private funding to account for project inflation and increased the privately funded art budget by \$749 as part of an overall branch project art budget reallocation. In 2005, \$6,000 was added from private funding to align with funding commitments made to the Seattle Public Library Foundation for this branch. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	109	359	0	0	0	0	0	468
Private Funding/Donations	0	75	0	0	0	0	0	0	75
<b>Project Total:</b>	0	184	359	0	0	0	0	0	543
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	109	359	0	0	0	0	0	468
<b>Appropriations Total*</b>	0	109	359	0	0	0	0	0	468
<b>O &amp; M Costs (Savings)</b>			0	6	5	5	5	5	26
<b>Spending Plan</b>		50	406	87	0	0	0	0	543

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

## Southwest Library Expansion

**BCL/Program Name:** Southwest Library Expansion

**BCL/Program Code:** BLSWT

**Project Type:** Improved Facility

**Start Date:** 4th Quarter 2002

**Project ID:** BLSWT

**End Date:** 3rd Quarter 2006

**Location:** 9010 35th Ave. SW

**Neighborhood Plan:** Westwood & Highland Park

**Neighborhood Plan Matrix:** KS 2.8

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project, designed by Olson Sundberg Kundig Allen Architects, renovates and expands the existing Southwest Library by 7,443 square feet to provide a total program space of 15,000 square feet, including the lobby, collection area, circulation desk, meeting rooms, and staff work areas. In addition, air circulation, electrical distribution, lighting, energy and capacity, and telecommunication systems (to enhance Internet access) are upgraded.

The project budget - originally \$4.23 million - has changed as follows: \$24,000 was added to supplement existing art funding (2002, from private funding); \$199,000 was abandoned from the Cumulative Reserve Subfund and re-appropriated from the 2002 LTGO Projects Fund (2002); \$13,445 was added to correct the LTGO appropriation (2003); \$16,208 was added to account for project inflation (2004, from UTGO interest earnings); \$507,896 was added in 2004 to pay for a maximum allowable construction cost (MACC) increase and associated costs (\$457,896 from "Libraries for All" bond interest earnings and \$50,000 from private funding). Ordinance 121680 appropriated the \$457,896 from interest earnings noted above in November 2004. In 2005, \$600,000 was added from UTGO interest earnings, as initial construction bids had exceeded the budget. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	442	3,805	0	0	0	0	0	0	4,247
Private Funding/Donations	0	74	0	0	0	0	0	0	74
Seattle Voter-Approved Debt	0	1,074	0	0	0	0	0	0	1,074
<b>Project Total:</b>	442	4,953	0	0	0	0	0	0	5,395
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	442	3,805	0	0	0	0	0	0	4,247
UTGO Libraries for All Fund	0	1,074	0	0	0	0	0	0	1,074
<b>Appropriations Total*</b>	442	4,879	0	0	0	0	0	0	5,321
<b>O &amp; M Costs (Savings)</b>			39	78	81	83	85	88	454
<b>Spending Plan</b>		500	4,453	0	0	0	0	0	4,953

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

## Storage and Transfer of Library Materials

**BCL/Program Name:** Storage and Transfer of Library Materials      **BCL/Program Code:** BLMOV1  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2002  
**Project ID:** BLMOV1      **End Date:** 4th Quarter 2007

**Location:**

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** NA  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project allows for expenses associated with moving and storing library materials while "Libraries for All" buildings are under construction, and provides for renovation of temporary branch facilities. The original budget for this project was \$1,075,000. In 2004, the budget was increased by \$200,000 from "Libraries for All" bond interest earnings to account for higher-than-anticipated storage costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Debt	955	320	0	0	0	0	0	0	1,275
<b>Project Total:</b>	955	320	0	0	0	0	0	0	1,275
<b>Fund Appropriations/Allocations</b>									
UTGO Libraries for All Fund	955	320	0	0	0	0	0	0	1,275
<b>Appropriations Total*</b>	955	320	0	0	0	0	0	0	1,275
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		200	100	20	0	0	0	0	320

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

## Technology Enhancements - Branches

<b>BCL/Program Name:</b> Technology Enhancements - Branches	<b>BCL/Program Code:</b> BLBTECH1
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 4th Quarter 2000
<b>Project ID:</b> BLBTECH1	<b>End Date:</b> 3rd Quarter 2007

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project installs state-of-the-art information technology equipment and high-speed networks in all newly constructed, expanded, or renovated branch facilities. Operations and maintenance costs are included in the estimate for operations and maintenance noted in each branch library project description. The original project budget was \$2.4 million. In 2003, the budget was increased by \$6.75 million from private funds. The scheduled appropriations for these funds are described in the fund table below. Operations and maintenance costs associated with the central administration of the enhancements are described in the "Technology Enhancements - Central Library" project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Private Funding/Donations	3,673	2,977	0	0	0	0	0	0	6,650
Seattle Voter-Approved Debt	2,239	161	0	0	0	0	0	0	2,400
<b>Project Total:</b>	5,912	3,138	0	0	0	0	0	0	9,050
<b>Fund Appropriations/Allocations</b>									
UTGO Libraries for All Fund	2,239	161	0	0	0	0	0	0	2,400
<b>Appropriations Total*</b>	2,239	161	0	0	0	0	0	0	2,400
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		1,500	1,400	238	0	0	0	0	3,138

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

## University Library Renovation

**BCL/Program Name:** University Library Renovation

**BCL/Program Code:** BLUNI

**Project Type:** Improved Facility

**Start Date:** 4th Quarter 2003

**Project ID:** BLUNI

**End Date:** 2nd Quarter 2007

**Location:** 5009 Roosevelt Wy. NE

**Neighborhood Plan:** University

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Northeast

**Urban Village:** University District

This project renovates the existing University Library building. Potential areas of renovation include the lobby, collection area, circulation desk, meeting rooms, and staff work areas. Air circulation, electrical distribution, lighting, energy and capacity, and telecommunication systems (to enhance Internet access) are examined for potential renovation and upgrade.

The original University Library budget was \$738,000. In 2002, the Library Board approved a budget increase of \$17,103 from private funding to supplement the existing art funding. In 2003, the Library Board approved a budget increase of \$21,286 from private funding to account for project inflation and reduced the privately funded art budget by \$5,439 as part of an overall branch art reallocation. Operations and maintenance costs represented below are based on estimates in the updated Department of Finance April 2002 "Libraries for All" fiscal note.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Private Funding/Donations	0	771	0	0	0	0	0	0	771
<b>Project Total:</b>	0	771	0	0	0	0	0	0	771
<b>Fund Appropriations/Allocations</b>									
O & M Costs (Savings)			0	5	5	5	5	5	25
Spending Plan		40	350	381	0	0	0	0	771

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



## Overview of Facilities and Programs

Seattle Department of Transportation (SDOT) is responsible for maintaining, upgrading, and monitoring the use of the City's system of streets, bridges, retaining walls, seawalls, bicycle and pedestrian facilities, and traffic control devices. Seattle's transportation system includes 1,534 lane-miles of arterial streets and 2,412 lane-miles of non-arterial streets. The system also includes 150 bridges, 561 retaining walls, 479 stairways, and 1,000 signalized intersections in the public right-of-way that SDOT is responsible for inspecting and maintaining. Each year, the Department paves more than 26 asphalt arterial lane miles; repairs more than 6,600 feet of bridge and stair railings and more than 2,800 lane-feet of bridge decking; maintains or replaces more than 13,000 traffic signs; services 975 traffic signals; and raises and lowers the City's movable bridges more than 16,770 times.

SDOT's Capital Improvement Program (CIP) outlines the Department's plan for repairing, improving, and adding to this extensive infrastructure. SDOT's CIP is financed from a variety of revenue sources including the City's General and Cumulative Reserve Subfunds, state gas tax revenues, vehicle license registration fees (abolished under Initiative 776), federal and state grants, Public Works Trust Fund loans, partnerships with private organizations and other public agencies, and bond proceeds. SDOT's \$109.1 million capital budget is appropriated as part of its \$195.3 million operating budget.

## Highlights

- ◆ **South Lake Union Street Car:** During 2006, SDOT will complete design and begin construction of a streetcar route serving downtown Seattle, the Denny Triangle, and the South Lake Union Urban Center. This project provides local transit service, connects to the regional transit system, encourages economic development, and helps create vibrant, livable neighborhoods.
- ◆ **Fremont Bridge Approaches and Electrical Major Maintenance:** SDOT received a \$20.5 million Federal Transportation Equity Act TEA-21 grant awarded by the Bridge Replacement Advisory Committee and two Public Works Trust Fund loans totaling \$11 million to replace the approaches, and electrical and mechanical systems that raise and lower the Fremont Bridge. Construction begins in 2005 and is scheduled to be substantially complete in 2008.
- ◆ **Bridge Way North and Fremont Circulation:** SDOT was awarded a \$2.8 million state Arterial Improvement Program (AIP) grant to implement traffic and pedestrian improvements in the Fremont area. These improvements help mitigate the impact that the construction of the Fremont Bridge Approaches project will have on the neighborhood and surrounding businesses.
- ◆ **Alaskan Way Viaduct and Seawall Study:** In 2005, tunnel design continued and a Draft Supplemental Environmental Impact Statement (DSEIS) was prepared. The DSEIS addresses how the project could be built (construction sequencing), transportation management options during construction, improvements to Aurora Avenue north of the Battery Street Tunnel, and the construction of Steinbrueck Park lid. The Emergency Closure Plan was enhanced should the Viaduct be forced to close before construction begins, and a study of options for reducing storm damage to the Seawall kicked-off. In 2006, the DSEIS will be released for public and agency comment; a construction approach selected; noise, traffic, economic and other project impact mitigation plans developed; utility relocation plans prepared; and the Environmental Impact Statement finalized for release in 2007.
- ◆ **Arterial Major Maintenance and Other Paving Projects:** SDOT's 2006 Adopted CIP includes a total of \$8.8 million budgeted for the Arterial Major Maintenance and Arterial Asphalt and Concrete Programs. These ongoing programs resurface asphalt and concrete arterial streets to prevent further deterioration of street surfaces. In 2006, 29 lane-miles will be resurfaced under the Arterial Asphalt and Concrete Program. One paving project will rehabilitate the 45th Street corridor, including segments of Stone Way and 15 Avenue

NE. A second project will rehabilitate California Avenue SW, including segments of Fauntleroy Avenue SW and Admiral Way. Four lane-miles will be rehabilitated as part of the Arterial Major Maintenance Program. The 29 lane-miles will be rehabilitated as part of other, multi-objective transportation capital projects. The major projects with significant pavement rehabilitation are S Jackson Street, 35 Avenue NE (including segments of NE 65 Street and NE 75 Street), Phinney Avenue N, Bridge Way and SR 519. The total projected new arterial paving in 2006 is 62 12-foot-wide lane-miles.

## Project Selection Process

In making capital investments in its infrastructure, the City tries to balance three goals:

- ◆ Rehabilitation of existing facilities to avoid the higher costs of deferred maintenance;
- ◆ Increase in the capacity of existing facilities to meet growing demand; and
- ◆ Development of new facilities to provide additional services.

SDOT prioritizes its projects to prepare recommendations on which to include in the budget, the CIP, and the grant development process. The process includes four steps.

### Step 1: Identification of Transportation Needs

This step is an ongoing process during which projects for future funding are identified. These needs are developed from a number of sources (not in any priority):

- Ongoing operations and maintenance programs
- Backlog of projects
- Projects in current CIP
- Transportation Strategic Plan
- Projects from SDOT planning
- 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:

- Mandated, with serious consequences for failing to met the mandate (e.g. debt service, judgment and claims payments, Metro "Ride-Free Zone" payment, federal or state law mandates)
- Essential for the Department to function on a daily basis (e.g. accounting, payroll, human resources, facility rental, vehicles and equipment)
- Reimbursable services to other City departments or outside agencies (e.g. street use permitting, repairing utility cuts)
- Restricted funding services (e.g. support for Sound Transit, Monorail, Metro, Alaskan Way Viaduct)
- Services that generate revenue for General Subfund (e.g. parking)
- Currently in construction (stopping these projects would be more costly than completing them)
- Urgent safety or emergency need (e.g. landslide, sinkhole)

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

The projects remaining after Step 2 are then ranked based on a 100 point scoring system. This prioritization process evaluates each project on its merits. Following are the criteria applied to this evaluation:

- Safety
- Preserving and maintaining infrastructure
- Cost effectiveness or cost avoidance
- Mobility improvement
- Economic development
- Comprehensive Plan/Urban Village land use strategy
- Improving the Environment

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

Once projects have been grouped into priority categories, they are evaluated to determine their readiness for funding and implementation. For example, even though a project may be a high priority, other circumstances may determine that the project is not ready for funding and implementation. Four criteria are used to make this determination:

- Funding availability
- Interagency coordination
- Geographic balance
- Constituent balance

SDOT staff use the results of steps 3 and 4 together in order to identify projects for which funding will be sought through grants, appropriations or other sources. Funded projects will be incorporated into the CIP.

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

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

# Transportation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total	
<b>Bridges and Structures</b>			<b>BCL/Program Code:</b>							DOT-BS	
12th Ave. S - Jose Rizal Bridge Deck Repair	TC36598 0	0	0	0	0	1,000	0	0	0	<b>1,000</b>	
Airport Way over Argo Bridge Rehabilitation	TC36580 0	0	75	45	0	930	1,500	450	0	<b>3,000</b>	
Bridge Painting Program	TC32490 0	2,611	849	1,448	650	900	1,700	400	410	<b>8,968</b>	
Bridge Seismic Retrofit Phase II	TC36581 0	25	37	75	75	10,640	20,520	25,080	19,760	<b>76,212</b>	
Retaining Wall Repair and Restoration	TC36589 0	765	397	408	366	375	384	394	404	<b>3,493</b>	
Stairway Rehabilitation Program	TC36659 0	0	0	375	0	0	0	0	0	<b>375</b>	
West Seattle Lower Bridge Repair	TC36652 0	0	87	0	0	0	0	0	0	<b>87</b>	
<b>Total for BCL Bridges and Structures</b>		<b>3,401</b>	<b>1,445</b>	<b>2,351</b>	<b>1,091</b>	<b>13,845</b>	<b>24,104</b>	<b>26,324</b>	<b>20,574</b>	<b>93,135</b>	

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Capital Projects Management</b>						<b>BCL/Program Code:</b>		DOT-CPM		
14th Ave. S Street Improvements	TC36622 0	106	0	0	0	1,192	246	0	0	<b>1,544</b>
35th Ave. NE Street Improvements	TC36573 0	2,686	5,148	5,958	475	0	0	0	0	<b>14,267</b>
3rd Avenue NE Extension	TC36646 0	0	500	0	0	0	0	0	0	<b>500</b>
3rd Avenue NE Signalization	TC36658 0	0	0	522	0	0	0	0	0	<b>522</b>
5th Ave. NE Improvements	TC36623 0	377	2,131	531	0	600	0	0	0	<b>3,639</b>
Arterial Asphalt and Concrete Program	TC36544 0	16,774	7,278	7,543	2,087	1,965	2,045	2,127	2,203	<b>42,022</b>
Aurora Transit, Pedestrian, and Safety Improvements	TC36625 0	313	1,980	0	529	2,852	699	50	0	<b>6,423</b>
Belltown/Queen Anne Waterfront Connections - Thomas St.	TC36621 0	124	1,800	0	1,000	0	0	0	0	<b>2,924</b>
Bridge Load Rating	TC36506 0	1,775	227	207	108	111	114	117	120	<b>2,779</b>
Bridge Way North and Fremont Circulation	TC36637 0	181	3,537	1,440	230	0	0	0	0	<b>5,388</b>
Burke-Gilman Trail Extension	TC36483 0	3,723	3,362	201	5	754	0	2,143	4,066	<b>14,254</b>
Chief Sealth Trail	TC36569 0	859	1,734	887	61	0	0	0	0	<b>3,541</b>
Duwamish Bikeway	TC32701 0	1,219	41	2	0	519	0	0	0	<b>1,781</b>
Duwamish Intelligent Transportation Systems (ITS)	TC36570 0	2,153	2,447	450	0	1,722	1,722	0	0	<b>8,494</b>
East Duwamish Waterway Bridge - BRAC Grant Match	TC36653 0	0	0	320	0	0	0	0	0	<b>320</b>
Fremont Bridge Approaches and Electrical Major Maintenance	TC36579 0	5,497	11,019	13,965	7,834	479	25	0	0	<b>38,819</b>
Greenwood Avenue N Street Improvements	TC36638 0	0	259	414	58	1,026	2,067	519	0	<b>4,343</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Capital Projects Management</b>						<b>BCL/Program Code:</b>		DOT-CPM		
Hazard Mitigation Program - Areaways	TC36548 0	2,314	314	405	200	200	200	200	200	<b>4,033</b>
Interurban Trail North	TC36498 0	583	975	5	5	5	0	0	0	<b>1,573</b>
Lake City Way NE Multimodal	TC36538 0	5,769	6,319	45	20	10	0	0	0	<b>12,163</b>
Lake Union Ship Canal Trail	TC32700 0	4,814	661	2,758	10	5	0	0	0	<b>8,248</b>
Leary Way NW Signal Improvements	TC36572 0	3,262	118	3	0	0	0	0	0	<b>3,383</b>
Magnolia Bridge Replacement Project	TC36606 0	3,448	1,945	750	50,950	27,900	50,000	50,000	28,000	<b>212,993</b>
Miscellaneous, Unforeseen, and Emergencies	TC32003 0	283	0	0	0	200	0	0	0	<b>483</b>
Mountains to Sound Greenway Trail	TC36575 0	22	350	339	901	2,690	900	5	0	<b>5,207</b>
Neighborhood Bike Improvements	TC32228 0	1,040	442	0	0	0	0	0	0	<b>1,482</b>
Neighborhood Pedestrian Improvements	TC32312 0	3,623	78	88	0	0	0	0	0	<b>3,789</b>
North Queen Anne Drive Bridge - Seismic Improvements	TC36617 0	1,251	1,337	15	5	5	5	5	0	<b>2,623</b>
Northgate South Lot Sidewalks	TC36655 0	0	0	270	0	0	0	0	0	<b>270</b>
Pedestrian Lighting - Capital Costs	TC36645 0	0	200	200	0	0	0	0	0	<b>400</b>
Phinney, Fremont, and 50th Street Improvements	TC36612 0	995	3,651	0	0	0	0	0	0	<b>4,646</b>
Retaining Wall Replacement Program	TC36519 0	1,584	17	91	0	0	0	0	0	<b>1,692</b>
S Henderson Street Improvements	TC36630 0	124	1,236	0	105	0	0	0	0	<b>1,465</b>
S Jackson St. Improvements	TC36600 0	311	1,473	334	0	0	0	0	0	<b>2,118</b>
S Lander St. Grade Separation	TC36615 0	260	0	0	0	9,800	18,400	14,500	0	<b>42,960</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total	
<b>Capital Projects Management</b>			<b>BCL/Program Code:</b>							DOT-CPM	
South Park Bridge	TC36578 0	105	300	100	175	300	300	85	0	<b>1,365</b>	
Spokane St. Viaduct	TC36480 0	15,727	2,970	15,330	39,500	41,100	28,200	58	0	<b>142,885</b>	
SR-519	TC36502 0	5,040	9,975	925	0	0	0	0	0	<b>15,940</b>	
Tree Replacement Program	TC36661 0	0	0	136	0	0	0	0	0	<b>136</b>	
University Way Multi-Modal Improvements	TC36542 0	7,488	56	0	0	0	0	0	0	<b>7,544</b>	
<b>Total for BCL Capital Projects Management</b>		<b>93,830</b>	<b>73,880</b>	<b>54,234</b>	<b>104,258</b>	<b>93,435</b>	<b>104,923</b>	<b>69,809</b>	<b>34,589</b>	<b>628,958</b>	
<b>Debt Service Program</b>			<b>BCL/Program Code:</b>							SDT600	
Debt Service - CRF	TC32006 0	0	287	1,635	2,386	2,386	2,386	2,386	2,386	<b>13,852</b>	
<b>Total for BCL Debt Service Program</b>		<b>0</b>	<b>287</b>	<b>1,635</b>	<b>2,386</b>	<b>2,386</b>	<b>2,386</b>	<b>2,386</b>	<b>2,386</b>	<b>13,852</b>	

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Policy, Planning and Major Projects</b>						<b>BCL/Program Code:</b>			<b>DOT-PPMP</b>	
Alaskan Way Viaduct & Seawall Study	TC36605 0	9,343	5,606	5,320	0	0	0	0	0	<b>20,269</b>
Center City TDM	TC36636 0	82	321	0	0	0	0	0	0	<b>403</b>
Downtown Seattle Bus Layover	TC36627 0	36	808	0	0	0	0	0	0	<b>844</b>
Downtown Seattle Transit Tunnel Closure Mitigation Project	TC36620 0	1,347	6,830	508	54	0	0	0	0	<b>8,739</b>
Duwamish Truck Mobility Improvement Program	TC36585 0	0	350	227	0	463	2,165	1,530	1,765	<b>6,500</b>
Grant Match Reserve Opportunity Fund	TC36591 0	0	1,156	393	0	1,260	1,290	1,320	1,350	<b>6,769</b>
Mercer Corridor Project	TC36550 0	8,169	2,740	2,500	33,100	17,600	28,100	15,900	0	<b>108,109</b>
NSF/CRF Neighborhood Program	TC36577 0	3,307	2,242	1,122	233	239	245	251	257	<b>7,896</b>
Right-of-Way Improvements - Broadway and Roy St.	TC36609 0	22	143	0	0	0	0	0	0	<b>165</b>
S Holgate St. Railroad Crossing	TC36628 0	0	250	0	0	0	0	0	0	<b>250</b>
Sound Transit Construction Services	TC36631 0	1,274	6,238	2,766	1,794	506	0	0	0	<b>12,578</b>
South Lake Union Streetcar	TC36626 0	844	6,728	32,577	7,351	0	0	0	0	<b>47,500</b>
SR-520 Project	TC36588 0	216	398	54	0	0	0	0	0	<b>668</b>
Swiftsure Lightship Restoration	TC36618 0	0	583	0	0	0	0	0	0	<b>583</b>
Urban Center Wayfinding	TC36571 0	181	241	0	0	0	0	0	0	<b>422</b>
<b>Total for BCL Policy, Planning and Major Projects</b>		<b>24,821</b>	<b>34,634</b>	<b>45,467</b>	<b>42,532</b>	<b>20,068</b>	<b>31,800</b>	<b>19,001</b>	<b>3,372</b>	<b>221,695</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Street Maintenance</b>						<b>BCL/Program Code:</b>			DOT-SM	
Arterial Major Maintenance	TC365940	2,840	968	993	808	828	849	870	892	<b>9,048</b>
Hazard Mitigation Program - Landslide Mitigation Projects	TC365510	1,412	768	900	200	200	200	200	200	<b>4,080</b>
Non-Arterial Asphalt Street Resurfacing	TC323920	555	263	274	123	126	129	132	135	<b>1,737</b>
Non-Arterial Concrete Rehabilitation	TC323160	393	280	261	52	53	54	55	56	<b>1,204</b>
Sidewalk Safety Repair	TC365120	884	359	333	341	350	359	368	337	<b>3,331</b>
<b>Total for BCL Street Maintenance</b>		<b>6,084</b>	<b>2,638</b>	<b>2,761</b>	<b>1,524</b>	<b>1,557</b>	<b>1,591</b>	<b>1,625</b>	<b>1,620</b>	<b>19,400</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Transportation

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Traffic Management</b>						<b>BCL/Program Code:</b>			DOT-TM	
Alaskan Way Viaduct Emergency Closure Warning Signs	TC36656 0	0	0	575	0	0	0	0	0	<b>575</b>
Bike and Pedestrian Improvements in South Lake Union	TC36654 0	0	0	360	1,370	0	0	0	0	<b>1,730</b>
Bike Spot Safety Improvements	TC32229 0	647	330	335	340	345	350	355	360	<b>3,062</b>
Center City Access Program	TC36660 0	0	0	500	1,000	1,000	1,000	1,000	1,000	<b>5,500</b>
Collision Evaluation Program	TC32386 0	389	182	149	91	93	95	98	101	<b>1,198</b>
Contracted Pedestrian & Bike Improvements	TC32315 0	176	174	41	0	0	0	0	0	<b>391</b>
Intelligent Transportation Systems (ITS) Plan Implementation	TC36587 0	680	3,921	1,441	1,759	59	0	0	0	<b>7,860</b>
Left Turn Signals	TC32313 0	1,667	169	170	174	178	182	187	192	<b>2,919</b>
NE 100th Street Sidewalk Development	TC36657 0	0	0	240	0	0	0	0	0	<b>240</b>
New Traffic Signals	TC32361 0	2,298	941	332	233	239	245	251	257	<b>4,796</b>
Pay Stations	TC36635 0	3,120	3,443	3,750	0	0	0	0	0	<b>10,313</b>
Pedestrian/Elderly Handicapped Accessibility	TC32314 0	3,717	774	690	707	725	743	762	781	<b>8,899</b>
Sidewalk Development Program	TC36648 0	0	0	500	0	0	0	0	0	<b>500</b>
Traffic Control Program	TC32325 0	2,083	469	346	355	364	373	382	392	<b>4,764</b>
<b>Total for BCL Traffic Management</b>		<b>14,777</b>	<b>10,403</b>	<b>9,429</b>	<b>6,029</b>	<b>3,003</b>	<b>2,988</b>	<b>3,035</b>	<b>3,083</b>	<b>52,747</b>
<b>Department Total</b>		<b>142,913</b>	<b>123,287</b>	<b>115,877</b>	<b>157,820</b>	<b>134,294</b>	<b>167,792</b>	<b>122,180</b>	<b>65,624</b>	<b>1,029,787</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Fund Summary

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
2000 Parks Levy Fund	162	1,958	783	1,294	1,616	0	0	0	<b>5,813</b>
2001 LTGO Capital Project Fund	4,373	187	0	0	0	0	0	0	<b>4,560</b>
2002B LTGO Capital Project Fund	1,608	41	0	0	0	0	0	0	<b>1,649</b>
2003 LTGO Capital Project Fund	7,599	861	0	0	0	0	0	0	<b>8,460</b>
2005 LTGO Capital Project Fund	3,120	14,728	5,828	0	0	0	0	0	<b>23,676</b>
2006 LTGO Capital Project Fund	0	0	9,220	0	0	0	0	0	<b>9,220</b>
Community Development Block Grant Fund	100	0	0	0	0	0	0	0	<b>100</b>
Cumulative Reserve Subfund - REET I Subaccount	1,804	375	1,155	0	0	0	0	0	<b>3,334</b>
Cumulative Reserve Subfund - REET II Subaccount	14,835	12,753	17,181	2,386	2,386	2,386	2,386	2,386	<b>56,699</b>
Cumulative Reserve Subfund - Street Vacation Subaccount	998	665	19	5	0	0	0	0	<b>1,687</b>
Cumulative Reserve Subfund - Unrestricted Subaccount	371	29	0	0	0	0	0	0	<b>400</b>
Cumulative Reserve Subfund South Lake Union Subaccount	141	0	0	0	0	0	0	0	<b>141</b>
Open Spaces & Trails Bond Fund	3,264	50	0	0	0	0	0	0	<b>3,314</b>
Private Developer Contribution	0	110	25,109	254	0	0	0	0	<b>25,473</b>
SPU Drainage and Wastewater Fund	1,722	2,283	1,750	1,750	463	0	0	50	<b>8,018</b>
SPU Water Fund	426	148	0	0	0	0	0	0	<b>574</b>
To Be Determined	0	0	0	60,001	54,841	95,419	96,080	54,260	<b>360,601</b>
Transportation Bond Fund	2,734	0	0	0	0	0	0	0	<b>2,734</b>
Transportation Operating Fund	99,656	89,099	54,832	92,130	74,988	69,987	23,714	8,928	<b>513,334</b>
<b>Department Total</b>	<b>142,913</b>	<b>123,287</b>	<b>115,877</b>	<b>157,820</b>	<b>134,294</b>	<b>167,792</b>	<b>122,180</b>	<b>65,624</b>	<b>1,029,787</b>

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

# Transportation

## 12th Ave. S - Jose Rizal Bridge Deck Repair

**BCL/Program Name:** Bridges and Structures  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** TC365980

**BCL/Program Code:** DOT-BS  
**Start Date:** 1st Quarter 2008  
**End Date:** 4th Quarter 2008

**Location:** 12th Ave. S/S Dearborn St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project repairs areas of structural concrete on the Dr. Jose Rizal Bridge. Although work on this project has been delayed, SDOT continues to monitor the bridge's condition and intends to respond should more immediate action be warranted. The Department will apply for grant funding in future years.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
To Be Determined	0	0	0	0	350	0	0	0	350
Federal Grant Funds	0	0	0	0	650	0	0	0	650
<b>Project Total:</b>	0	0	0	0	1,000	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	0	0	650	0	0	0	650
<b>Appropriations Total*</b>	0	0	0	0	650	0	0	0	650
<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 in thousands of dollars.

# Transportation

## 14th Ave. S Street Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2003

**Project ID:** TC366220

**End Date:** 4th Quarter 2009

**Location:** 14th Ave. S/S Dallas St./S Director St.

**Neighborhood Plan:** North Beacon Hill

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Greater Duwamish

**Urban Village:** Duwamish

This project interconnects and upgrades three signalized intersections, provides new traffic controllers and adds emergency vehicle preemption. Wheelchair ramps are installed at various intersections along with sidewalk repairs, to improve pedestrian safety and convenience. The project includes asphalt resurfacing and concrete panel replacement. Streetlighting and drainage are upgraded as necessary. The scope of the project includes maintenance and upgrades to the existing transportation system. The project is on hold due to coordination efforts with King County on the South Park Bridge.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
To Be Determined	0	0	0	0	404	102	0	0	506
State Gas Taxes - Arterial City Street Fund	18	0	0	0	0	0	0	0	18
State Gas Taxes - City Street Fund	47	0	0	0	0	0	0	0	47
State Grant Funds	41	0	0	0	788	144	0	0	973
<b>Project Total:</b>	106	0	0	0	1,192	246	0	0	1,544
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	106	0	0	0	788	144	0	0	1,038
<b>Appropriations Total*</b>	106	0	0	0	788	144	0	0	1,038
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## 35th Ave. NE Street Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2000

**Project ID:** TC365730

**End Date:** 4th Quarter 2007

**Location:** 35th Ave. NE/NE 55th St./NE 95th St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project upgrades and interconnects 23 traffic signals along 35th Ave. NE. It also replaces concrete panels, resurfaces asphalt, and installs curb bulbs, closed-caption television (CCTV) cameras and system detection, and upgrades streetlighting. The project is partially funded through a State Transportation Improvement Board grant and a federal Transportation Equity Act TEA-21 grant.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,118	707	860	0	0	0	0	0	2,685
Federal Grant Funds	0	1,718	2,101	135	0	0	0	0	3,954
General Subfund Revenues	179	6	0	0	0	0	0	0	185
King County Funds	0	100	0	0	0	0	0	0	100
State Gas Taxes - Arterial City Street Fund	493	0	0	0	0	0	0	0	493
State Gas Taxes - City Street Fund	225	0	0	25	0	0	0	0	250
State Grant Funds	671	2,617	2,997	315	0	0	0	0	6,600
<b>Project Total:</b>	2,686	5,148	5,958	475	0	0	0	0	14,267
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	2,686	5,148	5,958	475	0	0	0	0	14,267
<b>Appropriations Total*</b>	2,686	5,148	5,958	475	0	0	0	0	14,267
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		4,308	6,799	474	0	0	0	0	11,581

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# Transportation

## 3rd Avenue NE Extension

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** TC366460

**End Date:** 3rd Quarter 2007

**Location:** 3rd Ave. NE/NE 100th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Northgate

This project funds design and permitting costs for a street extension being undertaken by King County. King County has secured a \$1.3 million federal grant to fund construction of a segment of 3rd Avenue NE that will extend between NE 103rd Street and NE 100th Street on the Northgate South Lot. The street extension will provide access to the future King County transit-oriented development to the west and the 5.9-acre private mixed-use development to the east. King County, Lorig Associates, and Seattle Public Utilities have committed to donate portions of the land needed for the street right-of-way to SDOT.

In the 2005 budget process, the City Council adopted the following budget proviso related to this project: "None of the money appropriated for 2005 for the Seattle Department of Transportation's Capital Projects Management BCL can be spent to pay for 3rd Avenue NE Extension project (TC366460) until authorized by future ordinance." The proviso is anticipated to be lifted in the fourth quarter of 2005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	500	0	0	0	0	0	0	500
<b>Project Total:</b>	0	500	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	500	0	0	0	0	0	0	500
<b>Appropriations Total*</b>	0	500	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		125	250	125	0	0	0	0	500

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# Transportation

## 3rd Avenue NE Signalization

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Investment

**Start Date:** 1st Quarter 2006

**Project ID:** TC366580

**End Date:** 4th Quarter 2007

**Location:**

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** 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 will provide a safe, four-way intersection for the new arterial that is 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 103rd Street. Northgate South Lot developer, Lorig Associates, is expected to fund approximately one third of the cost to install the traffic signal as a condition of its Master Use Permit. The project supports the ongoing development in the Northgate area.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	442	0	0	0	0	0	442
Private Funding/Donations	0	0	80	0	0	0	0	0	80
<b>Project Total:</b>	0	0	522	0	0	0	0	0	522
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	442	0	0	0	0	0	442
Transportation Operating Fund	0	0	80	0	0	0	0	0	80
<b>Appropriations Total*</b>	0	0	522	0	0	0	0	0	522
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	130	392	0	0	0	0	522

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# Transportation

## 5th Ave. NE Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2003

**Project ID:** TC366230

**End Date:** 4th Quarter 2008

**Location:** 5th Ave. NE/NE 100th St./NE Northgate St.

**Neighborhood Plan:** Northgate

**Neighborhood Plan Matrix:** I.G. 7.2

**Neighborhood District:** North

**Urban Village:** Northgate

This project changes 5th Avenue NE between NE 100th Street and Northgate Way from an arterial with a vehicular emphasis to a pedestrian-friendly corridor that accommodates all modes of transportation. The project widens sidewalks, defines street crossings, adds medians and street trees, relocates two bus stops, improves bus shelters, and increases opportunities for pedestrian movement between the community and key destination points such as the new library and community center. (See also Library CIP project B2NGT1 and Parks CIP project K73479.) The focus of this project is on the intersection at the entrance to the Northgate Mall, the library, and the community center. The project is the first phase 5th Avenue NE Streetscape design concept, which was created in April 2002.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Street Vacations	0	213	0	0	0	0	0	0	213
Drainage and Wastewater Rates	5	290	0	0	0	0	0	0	295
Federal Grant Funds	216	1,410	292	0	400	0	0	0	2,318
King County Funds	0	200	0	0	0	0	0	0	200
Private Funding/Donations	0	0	200	0	0	0	0	0	200
State Gas Taxes - Arterial City Street Fund	118	18	0	0	0	0	0	0	136
State Gas Taxes - City Street Fund	38	0	39	0	200	0	0	0	277
<b>Project Total:</b>	377	2,131	531	0	600	0	0	0	3,639
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	0	213	0	0	0	0	0	0	213
Transportation Operating Fund	377	1,918	531	0	600	0	0	0	3,426
<b>Appropriations Total*</b>	377	2,131	531	0	600	0	0	0	3,639
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		532	2,129	0	601	0	0	0	3,262

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# Transportation

## Airport Way over Argo Bridge Rehabilitation

**BCL/Program Name:** Bridges and Structures  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** TC365800

**BCL/Program Code:** DOT-BS  
**Start Date:** 1st Quarter 2005  
**End Date:** 4th Quarter 2010

**Location:** Airport Wy. S/S Lucile St

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project rehabilitates the Airport Way Bridge that crosses over the Argo Railyard. This bridge is one of only three arterial routes servicing the South Downtown industrial center. SDOT has determined the elements required to complete rehabilitation. In 2005 and 2006, the Department is conducting a study to identify the benefits of bridge replacement versus rehabilitation, and will make a decision based on that study. Further design and construction is on hold until local and grant revenue is secured.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	25	45	0	0	0	0	0	70
To Be Determined	0	0	0	0	380	525	160	0	1,065
Federal Grant Funds	0	50	0	0	550	975	290	0	1,865
<b>Project Total:</b>	0	75	45	0	930	1,500	450	0	3,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	25	45	0	0	0	0	0	70
Transportation Operating Fund	0	50	0	0	550	975	290	0	1,865
<b>Appropriations Total*</b>	0	75	45	0	550	975	290	0	1,935
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Alaskan Way Viaduct Emergency Closure Warning Signs

<b>BCL/Program Name:</b> Traffic Management	<b>BCL/Program Code:</b> DOT-TM
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 1st Quarter 2006
<b>Project ID:</b> TC366560	<b>End Date:</b> 4th Quarter 2006

**Location:** Aurora Avenue North

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** In more than one Urban Village

Recent refinement of the Emergency Traffic Management and Closure Plan for the Alaskan Way Viaduct has identified the need for additional traffic management tools to assist in the fast, efficient deployment and coordination of traffic control in the event of emergency closure. This project allows SDOT to broaden and deepen its set of available tools to provide for a more robust traffic management response to emergency closures of the Viaduct facility, whether as a result of a significant event such as an earthquake, or a short-term emergency closure due to a significant traffic incident. The improvements include activated warning signs at 16 locations, specialty detour signs to be used in the event of an emergency closure, four portable changeable message signs to more quickly and effectively disseminate information to drivers about emergency closure conditions and alternate routing and ten cameras (5 in north Central Business District, 5 in South Downtown) for staff in the Traffic Management Center to monitor real-time traffic conditions on the Viaduct and nearby corridors. All these tools are of significant value not only in the wake of a major event such as an earthquake, but also in the event of a short-term, traffic incident-based closure as well as during the construction phase of the Viaduct project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Subfund Revenues	0	0	575	0	0	0	0	0	575
<b>Project Total:</b>	0	0	575	0	0	0	0	0	575
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	575	0	0	0	0	0	575
<b>Appropriations Total*</b>	0	0	575	0	0	0	0	0	575
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Alaskan Way Viaduct & Seawall Study

**BCL/Program Name:** Policy, Planning and Major Projects      **BCL/Program Code:** DOT-PPMP  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2001  
**Project ID:** TC366050      **End Date:** 4th Quarter 2011

**Location:** SR99/Battery St.

**Neighborhood Plan:** In more than one Plan      **Neighborhood Plan Matrix:** Multiple  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

This project funds the City's involvement in the reconstruction or replacement of the Alaskan Way Viaduct and Seawall, which are both seismically vulnerable. The Alaskan Way Viaduct is part of State Route 99, which carries one-quarter of the north-south traffic through downtown Seattle and is a major truck route serving the city's industrial areas. The Seawall supports the soils under Alaskan Way and the Viaduct. The Washington State Department of Transportation (WSDOT) and the City of Seattle are co-leads for the project. Activities for 2003-2006 include environmental work, design, permitting, and public outreach. The initial funding for this project was from federal emergency appropriations related to the February 28, 2001, Nisqually Earthquake. The City provided additional funding in 2004-06.

In April 2005, the State Legislature approved \$2 billion in state gas tax funding for this project. These funds are subject to the outcome of Initiative 912 in November 2005. In late July 2005, the US Congress approved \$231 million in federal funding for the project. An additional \$500 million in funding is expected to be included as part of the Regional Transportation Improvement District package which will go to a public vote in November 2006. SDOT is also working with the Army Corps of Engineers to investigate potential federal funding for the Seawall portion of the project. SDOT will negotiate future agreements with WSDOT on the sharing of costs and funding between the City and State for this project. Planning for this project is still underway, and costs and funding sources after 2006 have not yet been determined.

On November 4, 2004, 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
2003 LTGO Bond	4,491	509	0	0	0	0	0	0	5,000
2005 LTGO Bond	0	5,000	0	0	0	0	0	0	5,000
2006 LTGO Bond	0	0	5,220	0	0	0	0	0	5,220
Federal Grant Funds	3,800	0	0	0	0	0	0	0	3,800
General Subfund Revenues	425	0	100	0	0	0	0	0	525
State Gas Taxes - Arterial City Street Fund	127	97	0	0	0	0	0	0	224
State Grant Funds	500	0	0	0	0	0	0	0	500
<b>Project Total:</b>	9,343	5,606	5,320	0	0	0	0	0	20,269
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	9,343	5,606	5,320	0	0	0	0	0	20,269
<b>Appropriations Total*</b>	9,343	5,606	5,320	0	0	0	0	0	20,269
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Arterial Major Maintenance

**BCL/Program Name:** Street Maintenance **BCL/Program Code:** DOT-SM  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** TC365940 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** 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 includes the enhancement and maintenance of SDOT's pavement management database system, which is used for assessing street condition and prioritizing paving projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	750	0	0	0	0	0	0	0	750
Real Estate Excise Tax II	516	968	993	0	0	0	0	0	2,477
Drainage and Wastewater Rates	45	0	0	0	0	0	0	0	45
To Be Determined	0	0	0	808	828	849	870	892	4,247
General Subfund Revenues	200	0	0	0	0	0	0	0	200
State Gas Taxes - City Street Fund	1,329	0	0	0	0	0	0	0	1,329
<b>Project Total:</b>	2,840	968	993	808	828	849	870	892	9,048
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	750	0	0	0	0	0	0	0	750
Cumulative Reserve Subfund - REET II Subaccount	516	968	993	0	0	0	0	0	2,477
Transportation Operating Fund	1,574	0	0	0	0	0	0	0	1,574
<b>Appropriations Total*</b>	2,840	968	993	0	0	0	0	0	4,801
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		968	993	808	828	849	870	892	6,208

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# Transportation

## Aurora Transit, Pedestrian, and Safety Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2003

**Project ID:** TC366250

**End Date:** 4th Quarter 2010

**Location:** Aurora Ave. N/N 109th St./N 145th St.

**Neighborhood Plan:** Broadview-Bitter Lake-Haller Lake

**Neighborhood Plan Matrix:** B-46

**Neighborhood District:** Northwest

**Urban Village:** In more than one Urban Village

This project involves designing a seven-lane roadway section comprised of a business access/transit lane and two general purpose lanes in each direction, a left turn lane/landscaped center median, a curb, a gutter, and a sidewalk/amenity zone to include sidewalks and landscaping. The plan may also include street lighting, traffic signal modifications, and possible new signals. In addition, utility poles are relocated and storm and drainage improvements are made, as necessary.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	86	1	0	0	313	0	0	0	400
To Be Determined	0	0	0	130	273	0	50	0	453
Federal Grant Funds	177	1,267	0	399	1,936	684	0	0	4,463
General Subfund Revenues	34	0	0	0	0	0	0	0	34
King County Funds	0	70	0	0	330	0	0	0	400
State Gas Taxes - Arterial City Street Fund	16	642	0	0	0	0	0	0	658
State Gas Taxes - City Street Fund	0	0	0	0	0	15	0	0	15
<b>Project Total:</b>	313	1,980	0	529	2,852	699	50	0	6,423
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	313	1,980	0	399	2,579	699	0	0	5,970
<b>Appropriations Total*</b>	313	1,980	0	399	2,579	699	0	0	5,970
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		830	640	1,039	2,851	699	51	0	6,110

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# Transportation

## Belltown/Queen Anne Waterfront Connections - Thomas St.

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 1st Quarter 2003

**Project ID:** TC366210

**End Date:** 3rd Quarter 2008

**Location:**

**Neighborhood Plan:** Queen Anne

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project constructs an overpass across the Burlington Northern Railroad tracks between Elliott Avenue W and Myrtle Edwards Park along W Thomas Street. 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. A feasibility study was conducted by the Department of Parks and Recreation in 2001. This connection is called for in the Uptown and Belltown Neighborhood Plans and was included as a candidate project in the 2000 Parks Levy. In 2004, the Potlatch Trail - Thomas St. project was combined with this project and provides an additional \$595,000 of funding toward this project. Total project costs will be determined in the design phase. Prior to moving into the construction phase, SDOT may seek grant or other funding (public or private) if existing funding is insufficient to build the overpass. The project is in the scoping and design phase with construction anticipated in 2006 and 2007.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	30	1,033	0	1,000	0	0	0	0	2,063
King County Funds	94	767	0	0	0	0	0	0	861
<b>Project Total:</b>	124	1,800	0	1,000	0	0	0	0	2,924
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	124	1,800	0	1,000	0	0	0	0	2,924
<b>Appropriations Total*</b>	124	1,800	0	1,000	0	0	0	0	2,924
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		607	895	1,268	30	0	0	0	2,800

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# Transportation

## Bike Spot Safety Improvements

**BCL/Program Name:** Traffic Management **BCL/Program Code:** DOT-TM  
**Project Type:** Improved Facility **Start Date:** Ongoing  
**Project ID:** TC322290 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project identifies and responds to citizen and staff recommendations for small-scale projects that facilitate bicycle travel in the city and reduce bicycle hazards. The project provides improvements such as special signs, bike parking racks, and bicycle lane striping. This portion of work was segregated from the Neighborhood Bike Improvements (project TC322280), which is not funded in 2005 and beyond.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	335	0	0	0	0	0	335
To Be Determined	0	0	0	340	0	0	355	104	799
Federal Grant Funds	26	0	0	0	0	0	0	0	26
General Subfund Revenues	61	0	0	0	0	0	0	0	61
State Gas Taxes - Arterial City Street Fund	21	330	0	0	0	0	0	256	607
State Gas Taxes - City Street Fund	422	0	0	0	345	350	0	0	1,117
Vehicle Licensing Fees	117	0	0	0	0	0	0	0	117
<b>Project Total:</b>	647	330	335	340	345	350	355	360	3,062
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	335	0	0	0	0	0	335
Transportation Operating Fund	647	330	0	0	345	350	0	256	1,928
<b>Appropriations Total*</b>	647	330	335	0	345	350	0	256	2,263
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		330	335	340	345	350	355	360	2,415

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# Transportation

## Bridge Load Rating

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Rehabilitation or Restoration

**Start Date:** Ongoing

**Project ID:** TC365060

**End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project rates bridges for safe load-carrying capacity as part of a federally mandated program. Work is performed by both City staff and consultants.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	612	0	0	0	0	0	0	0	612
Property Sales and Interest Earnings	27	0	0	0	0	0	0	0	27
General Subfund Revenues	186	100	102	0	0	0	0	0	388
State Gas Taxes - Arterial City Street Fund	441	127	105	0	0	0	117	120	910
State Gas Taxes - City Street Fund	309	0	0	108	111	114	0	0	642
Vehicle Licensing Fees	200	0	0	0	0	0	0	0	200
<b>Project Total:</b>	1,775	227	207	108	111	114	117	120	2,779
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET 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	1,136	227	207	108	111	114	117	120	2,140
<b>Appropriations Total*</b>	1,775	227	207	108	111	114	117	120	2,779
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		227	207	108	111	114	117	120	1,004

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# Transportation

## Bridge Painting Program

**BCL/Program Name:** Bridges and Structures  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** TC324900

**BCL/Program Code:** DOT-BS  
**Start Date:** Ongoing  
**End Date:** Ongoing

**Location:** 2nd Ave./Jackson St./King St.

**Neighborhood Plan:** Pioneer Square

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Downtown

**Urban Village:** Pioneer Square

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. Painting of the 2nd Avenue Extension Bridge is planned for 2006.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	74	67	0	0	0	0	0	0	141
Real Estate Excise Tax II	1,758	632	1,141	0	0	0	0	0	3,531
South Lake Union Property Sale Proceeds	91	0	0	0	0	0	0	0	91
To Be Determined	0	0	0	650	900	1,500	200	210	3,460
Federal Grant Funds	180	0	0	0	0	0	0	0	180
General Subfund Revenues	238	150	307	0	0	0	0	0	695
State Gas Taxes - Arterial City Street Fund	0	0	0	0	0	200	200	200	600
State Gas Taxes - City Street Fund	270	0	0	0	0	0	0	0	270
<b>Project Total:</b>	2,611	849	1,448	650	900	1,700	400	410	8,968
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	74	67	0	0	0	0	0	0	141
Cumulative Reserve Subfund - REET II Subaccount	1,758	632	1,141	0	0	0	0	0	3,531
Transportation Operating Fund	779	150	307	0	0	200	200	200	1,836
<b>Appropriations Total*</b>	2,611	849	1,448	0	0	200	200	200	5,508
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		849	1,448	650	900	1,700	400	410	6,357

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# Transportation

## Bridge Seismic Retrofit Phase II

**BCL/Program Name:** Bridges and Structures **BCL/Program Code:** DOT-BS  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** TC365810 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project designs and constructs seismic retrofits to the City's highest-priority bridge structures in order to reduce the potential for major structural damage or failure due to earthquakes. Due to the passage of I-776 by voters statewide in November 2002, the Department has included future funding for the program as To Be Determined. Work is restricted to preliminary engineering in 2005-07 in order to define specific projects and compete for outside funding. The 2008-2011 "To Be Determined" amounts are estimates for future construction projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	75	0	0	0	0	0	75
To Be Determined	0	0	0	75	10,640	20,520	25,080	19,760	76,075
State Gas Taxes - City Street Fund	25	37	0	0	0	0	0	0	62
<b>Project Total:</b>	25	37	75	75	10,640	20,520	25,080	19,760	76,212
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	75	0	0	0	0	0	75
Transportation Operating Fund	25	37	0	0	0	0	0	0	62
<b>Appropriations Total*</b>	25	37	75	0	0	0	0	0	137
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		37	75	0	3,192	6,156	7,524	5,928	22,912

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# Transportation

## Bridge Way North and Fremont Circulation

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2004

**Project ID:** TC366370

**End Date:** 4th Quarter 2007

**Location:** Bridge Wy. N/Stone Wy. N/Fremont Wy.

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Lake Union

**Urban Village:** Fremont

This project improves traffic flow, access to the regional transportation system via State Route 99 for vehicles and freight, and transit speed and reliability. Project components include the installation of new and upgraded traffic signals and Intelligent Transportation Systems (ITS) elements such as variable message signs, CCTV cameras, and fiber optic cable for interconnecting signals. Pedestrian and vehicular safety and access are improved through the installation of crosswalks, wheelchair ramps, a two-way left turn lane, and medians along Bridge Way. Drainage improvements including construction of a new storm drain mainline and associated catch basins and pipe connections in the vicinity of North 38th Street, Bridge Way North, and the Aurora on and off ramps will be funded by the SPU Drainage and Wastewater Fund.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
2005 LTGO Bond	0	1,133	366	0	0	0	0	0	1,499
Real Estate Excise Tax II	0	0	57	0	0	0	0	0	57
Drainage and Wastewater Rates	0	25	120	200	0	0	0	0	345
General Subfund Revenues	26	0	0	0	0	0	0	0	26
King County Funds	0	0	93	0	0	0	0	0	93
Private Funding/Donations	0	285	125	0	0	0	0	0	410
State Gas Taxes - City Street Fund	0	0	0	30	0	0	0	0	30
State Grant Funds	80	2,055	679	0	0	0	0	0	2,814
Vehicle Licensing Fees	75	39	0	0	0	0	0	0	114
<b>Project Total:</b>	181	3,537	1,440	230	0	0	0	0	5,388
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	57	0	0	0	0	0	57
Transportation Operating Fund	181	3,537	1,383	230	0	0	0	0	5,331
<b>Appropriations Total*</b>	181	3,537	1,440	230	0	0	0	0	5,388
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Burke-Gilman Trail Extension

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 1st Quarter 1995

**Project ID:** TC364830

**End Date:** 4th Quarter 2011

**Location:** Various

**Neighborhood Plan:** Crown Hill/Ballard

**Neighborhood Plan Matrix:** BGT-1

**Neighborhood District:** Ballard

**Urban Village:** Ballard

This project extends the Burke-Gilman Trail from its current terminus at 8th Avenue NW to Golden Gardens Park. The segment from 8th Avenue NW to 11th Avenue NW was constructed in 2001. Construction of the Ballard Locks to NW 60th Street segment is anticipated to be complete in 2005. Levy funds shown below are from the 2000 Parks Levy and the federal grant funds are from the Federal Highway Administration. Drainage design services are required to comply with the current drainage ordinance and Endangered Species Act requirements and construction related costs associated with the bid items, engineering costs, and prorated share of project costs to implement these requirements.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	79	351	0	0	80	0	0	0	510
Real Estate Excise Tax II	0	0	50	0	0	0	0	0	50
Street Vacations	0	379	1	5	0	0	0	0	385
Drainage and Wastewater Rates	37	121	0	0	150	0	0	50	358
Water Rates	58	148	0	0	0	0	0	0	206
To Be Determined	0	0	0	0	0	0	943	761	1,704
General Obligation Bonds	384	0	0	0	0	0	0	0	384
City Light Fund Revenues	41	125	0	0	0	0	0	0	166
Federal Grant Funds	1,697	1,043	0	0	524	0	1,200	1,600	6,064
General Subfund Revenues	296	301	0	0	0	0	0	0	597
King County Funds	0	0	150	0	0	0	0	0	150
State Gas Taxes - Arterial City Street Fund	50	22	0	0	0	0	0	0	72
State Gas Taxes - City Street Fund	413	505	0	0	0	0	0	1,655	2,573
Vehicle Licensing Fees	668	367	0	0	0	0	0	0	1,035
<b>Project Total:</b>	<b>3,723</b>	<b>3,362</b>	<b>201</b>	<b>5</b>	<b>754</b>	<b>0</b>	<b>2,143</b>	<b>4,066</b>	<b>14,254</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	50	0	0	0	0	0	50
Cumulative Reserve Subfund - Street Vacation Subaccount	0	379	1	5	0	0	0	0	385
Transportation Operating Fund	3,339	2,983	150	0	754	0	1,200	3,305	11,731
<b>Appropriations Total*</b>	<b>3,339</b>	<b>3,362</b>	<b>201</b>	<b>5</b>	<b>754</b>	<b>0</b>	<b>1,200</b>	<b>3,305</b>	<b>12,166</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	20	20
<b>Spending Plan</b>		2,701	630	156	835	0	2,143	4,066	10,531

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# Transportation

## Center City TDM

**BCL/Program Name:** Policy, Planning and Major Projects

**BCL/Program Code:** DOT-PPMP

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2004

**Project ID:** TC366360

**End Date:** 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Center City Transportation Demand Management (TDM) project (which was titled Urban Ring TDM in the 2005-2010 Adopted CIP) implements strategies to maximize access to the urban center and urban neighborhood business districts which surround downtown Seattle: First Hill, Capitol Hill, International District, Pioneer Square, SODO, South Lake Union, Denny Triangle and Queen Anne. From 2004 through 2006, the project implements transportation solutions that support small businesses and prioritize on-street parking for short-term retail customer parking.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	82	307	0	0	0	0	0	0	389
General Subfund Revenues	0	5	0	0	0	0	0	0	5
Vehicle Licensing Fees	0	9	0	0	0	0	0	0	9
<b>Project Total:</b>	82	321	0	0	0	0	0	0	403
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	82	321	0	0	0	0	0	0	403
<b>Appropriations Total*</b>	82	321	0	0	0	0	0	0	403
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		166	155	0	0	0	0	0	321

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# Transportation

## Chief Sealth Trail

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2000

**Project ID:** TC365690

**End Date:** 4th Quarter 2007

**Location:**

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Southeast

**Urban Village:** Rainier Beach

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 between Beacon Avenue S at S Dawson Street to 5th Avenue S at S Gazelle Street, and is located in the City Light transmission corridor between Beacon Hill and the Rainier Valley. The trail will provide access to Sound Transit Link Light Rail stations at S Othello and S Henderson Streets. SDOT is coordinating this project with Seattle City Light, Sound Transit, and Sound Transit's contractor for the Link Light Rail. Due to the City accepting the contractor's innovative cost savings proposal to re-use excavated soil from the Link Light Rail on the Martin Luther King project, the contractor is paying for most of the construction costs of the trail. Consequently for the same dollar amount originally budgeted to build two blocks, the City will construct 3.6 miles of trail. Schematic cost estimates of the value of the construction of the 3.6 mile trail are \$6 million to \$10 million.

When future portions of the trail are completed, it is planned to stretch to Seattle's southern city limits and connect to downtown Seattle and the Mountains to Sound Greenway.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	200	200	0	0	0	0	0	400
Real Estate Excise Tax II	0	0	114	0	0	0	0	0	114
To Be Determined	0	0	0	61	0	0	0	0	61
Federal Grant Funds	332	387	573	0	0	0	0	0	1,292
General Subfund Revenues	90	0	0	0	0	0	0	0	90
Sound Transit Funds	0	1,000	0	0	0	0	0	0	1,000
State Gas Taxes - Arterial City Street Fund	79	0	0	0	0	0	0	0	79
State Gas Taxes - City Street Fund	71	147	0	0	0	0	0	0	218
Vehicle Licensing Fees	287	0	0	0	0	0	0	0	287
<b>Project Total:</b>	859	1,734	887	61	0	0	0	0	3,541
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	114	0	0	0	0	0	114
Transportation Operating Fund	859	1,734	773	0	0	0	0	0	3,366
<b>Appropriations Total*</b>	859	1,734	887	0	0	0	0	0	3,480
<b>O &amp; M Costs (Savings)</b>			2	2	2	2	2	2	12
<b>Spending Plan</b>		1,482	1,140	61	0	0	0	0	2,682

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# Transportation

## Debt Service - CRF

<b>BCL/Program Name:</b> Debt Service Program	<b>BCL/Program Code:</b> SDT600
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> Ongoing
<b>Project ID:</b> TC320060	<b>End Date:</b> Ongoing

**Location:** 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 debt service for the following projects, with 2006 costs as follows: Alaskan Way Viaduct & Seawall - TC366050 (2005 Bond - \$376,000); Alaskan Way Viaduct and Seawall - TC366050 (2006 Bond - \$161,000); Bridge Way North and Fremont Circulation - TC366370 (\$277,000); Fremont Bridge Approaches and Electrical Major Maintenance - TC365790 (\$113,000); Mercer Corridor - TC365500 (\$64,000); and SR-519 - TC365020 (\$644,000).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	287	1,635	2,386	2,386	2,386	2,386	2,386	13,852
<b>Project Total:</b>	0	287	1,635	2,386	2,386	2,386	2,386	2,386	13,852
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	287	1,635	2,386	2,386	2,386	2,386	2,386	13,852
<b>Appropriations Total*</b>	0	287	1,635	2,386	2,386	2,386	2,386	2,386	13,852
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Downtown Seattle Bus Layover

**BCL/Program Name:** Policy, Planning and Major Projects

**BCL/Program Code:** DOT-PPMP

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2003

**Project ID:** TC366270

**End Date:** 4th Quarter 2006

**Location:** TBD

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project funds the determination of on-street and potential off-street bus layover space locations in the north downtown Seattle area. It also includes the design and construction of short-term layover space improvements. Project funding includes a \$438,000 Federal Transit Administration grant awarded in 2003 and a \$110,000 in-kind contribution from King County Metro for planning and design (the Metro dollars are not appropriated in SDOT's budget).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	0	110	0	0	0	0	0	0	110
Federal Grant Funds	0	438	0	0	0	0	0	0	438
General Subfund Revenues	36	176	0	0	0	0	0	0	212
Vehicle Licensing Fees	0	84	0	0	0	0	0	0	84
<b>Project Total:</b>	36	808	0	0	0	0	0	0	844
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	36	698	0	0	0	0	0	0	734
<b>Appropriations Total*</b>	36	698	0	0	0	0	0	0	734
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		260	548	0	0	0	0	0	808

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

# Transportation

## Downtown Seattle Transit Tunnel Closure Mitigation Project

<b>BCL/Program Name:</b> Policy, Planning and Major Projects	<b>BCL/Program Code:</b> DOT-PPMP
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2002
<b>Project ID:</b> TC366200	<b>End Date:</b> 4th Quarter 2007

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

This project mitigates the closure of the Seattle Transit Tunnel by constructing street improvements throughout the Central Business District. The tunnel is to be closed for the construction of Sound Transit's Central Link Light Rail Project which allows light rail to travel through downtown Seattle via the tunnel. Sound Transit's construction project requires the temporary rerouting onto the downtown surface streets of buses now traveling through the tunnel. This project mitigates the impact of the additional buses and optimizes traffic flow. The majority of the funding for this project is from Sound Transit and King County. Part of the Gas Tax appropriations represent reimbursement dollars to Sound Transit from the City as part of an agreement to accelerate construction to meet the tunnel closure deadline.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Funds	51	169	0	0	0	0	0	0	220
Sound Transit Funds	1,296	6,541	0	54	0	0	0	0	7,891
State Gas Taxes - Arterial City Street Fund	0	120	508	0	0	0	0	0	628
<b>Project Total:</b>	1,347	6,830	508	54	0	0	0	0	8,739
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	1,347	6,830	508	54	0	0	0	0	8,739
<b>Appropriations Total*</b>	1,347	6,830	508	54	0	0	0	0	8,739
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Duwamish Bikeway

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 1st Quarter 1990

**Project ID:** TC327010

**End Date:** 4th Quarter 2008

**Location:** W Marginal Wy. SW

**Neighborhood Plan:** Duwamish

**Neighborhood Plan Matrix:** TP-28

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This is one of four trail projects approved by King County voters as part of the 1989 Open Spaces and Trails Bond. This project constructs multi-use paths from SW Florida Street 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. The Catholic Hill, Highland Park, Harbor Avenue SW, and SW Spokane Street segments are complete. Additional funding to complete the trail is provided from the Neighborhood Bike Improvements project (TC322280).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
King County Voter-Approved Debt	1,219	41	0	0	0	0	0	0	1,260
State Gas Taxes - Arterial City Street Fund	0	0	2	0	519	0	0	0	521
<b>Project Total:</b>	1,219	41	2	0	519	0	0	0	1,781
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	2	0	519	0	0	0	521
<b>Appropriations Total*</b>	0	0	2	0	519	0	0	0	521
<b>O &amp; M Costs (Savings)</b>			3	3	3	10	10	10	39
<b>Spending Plan</b>		41	2	0	519	0	0	0	562

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

# Transportation

## Duwamish Intelligent Transportation Systems (ITS)

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2000

**Project ID:** TC365700

**End Date:** 4th Quarter 2009

**Location:** Various

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Greater Duwamish

**Urban Village:** 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 upgrading, the development of driver information systems, and information links to railroad control centers. Roadway signs and closed-circuit television (CCTV) are being 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. SDOT was awarded a federal grant of \$1.8 million for this project in the summer of 2003, and \$513,716 in state Freight Mobility Strategic Investment Board (FMSIB) funding in April of 2004. An additional \$2,006,284 in FMSIB funding was approved in the State's 2005-2007 budget, bringing the FMSIB total to \$2,520,000. The \$2,644,000 shown in the budget for State grant funds includes \$124,000 of other State funds.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	10	91	0	0	0	0	0	101
Federal Grant Funds	1,119	1,869	359	0	0	0	0	0	3,347
Private Funding/Donations	100	0	0	0	0	0	0	0	100
State Gas Taxes - Arterial City Street Fund	29	0	0	0	0	0	0	0	29
State Gas Taxes - City Street Fund	185	92	0	0	719	719	0	0	1,715
State Grant Funds	172	466	0	0	1,003	1,003	0	0	2,644
Vehicle Licensing Fees	548	10	0	0	0	0	0	0	558
<b>Project Total:</b>	2,153	2,447	450	0	1,722	1,722	0	0	8,494
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	10	91	0	0	0	0	0	101
Transportation Operating Fund	2,153	2,437	359	0	1,722	1,722	0	0	8,393
<b>Appropriations Total*</b>	2,153	2,447	450	0	1,722	1,722	0	0	8,494
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		2,437	460	0	1,722	1,722	0	0	6,341

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

# Transportation

## Duwamish Truck Mobility Improvement Program

**BCL/Program Name:** Policy, Planning and Major Projects

**BCL/Program Code:** DOT-PPMP

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2004

**Project ID:** TC365850

**End Date:** 3rd Quarter 2011

**Location:** Greater Duwamish

**Neighborhood Plan:** Duwamish

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This program funds minor improvements to the city street system to improve connections between the port, railroad intermodal yards, industrial businesses, and the regional highway system. The high-priority locations fall into two basic problem types: inadequate turning radii at specific corners, which force trucks to take circuitous routes or crawl through intersections; and busy intersections that lack signals or left-turn signal and queuing lanes, requiring long waits for adequate gaps in traffic. The majority of the candidate truck mobility improvements would be located in the Duwamish Industrial area, which is characterized by a high proportion of trucks in the traffic mix. Circulation problems are also found in the street system crescent surrounding Port of Seattle facilities extending to Magnolia and the Ballard industrial area.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
To Be Determined	0	0	0	0	0	0	567	1,265	1,832
Federal Grant Funds	0	0	200	0	0	1,350	750	500	2,800
Private Funding/Donations	0	250	0	0	0	0	0	0	250
State Gas Taxes - Arterial City Street Fund	0	100	27	0	463	815	213	0	1,618
<b>Project Total:</b>	0	350	227	0	463	2,165	1,530	1,765	6,500
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	350	227	0	463	2,165	963	500	4,668
<b>Appropriations Total*</b>	0	350	227	0	463	2,165	963	500	4,668
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		62	515	0	463	2,165	1,530	1,765	6,500

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# Transportation

## East Duwamish Waterway Bridge - BRAC Grant Match

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2006

**Project ID:** TC366530

**End Date:** 4th Quarter 2008

**Location:** E Duwamish

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project provides major maintenance improvements to the East Duwamish Waterway bridge, which is a major freight route onto Harbor Island. The deck is in serious disrepair, and the support beams for the deck are flexing. The scope of work will include three broad areas of work: strengthening the diaphragms which are the structural elements that tie the girders together (the design phase will determine exactly how to do this strengthening); replacement of the expansion joints; and the installation of a new deck surface overlay. SDOT has submitted a federal grant application to the Bridge Replacement Advisory Committee (BRAC) for the estimated \$3.5 million improvements. Funding shown here provides the matching funds to cover the ineligible costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	320	0	0	0	0	0	320
<b>Project Total:</b>	0	0	320	0	0	0	0	0	320
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	320	0	0	0	0	0	320
<b>Appropriations Total*</b>	0	0	320	0	0	0	0	0	320
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Fremont Bridge Approaches and Electrical Major Maintenance

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2002

**Project ID:** TC365790

**End Date:** 4th Quarter 2009

**Location:** Fremont Bridge

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Lake Union

**Urban Village:** Fremont

This project replaces the north and south approaches to the Fremont Bridge, upgrades the north approach off-ramp to North 34th Street, upgrades the electrical/mechanical system used to raise and lower the bridge bascule, and reconstructs the bridge maintenance shop located beneath the south approach structure. The estimated project cost of \$38.8 million displayed here includes \$28.8 million for the approach replacement, \$7.4 million for the electrical/mechanical upgrade, and an initial estimate of \$2.65 million for reconstruction of the maintenance shop. SDOT is developing a new estimate of the cost of reconstructing the maintenance shop, to reflect the shop's full industrial functionality and to accommodate increases in the cost of steel and concrete, and is exploring options for minimizing the cost of this facility. Planning and design for the approaches replacement and electrical/mechanical upgrade is complete; construction on these project elements begins in the third quarter of 2005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
2005 LTGO Bond	0	692	787	0	0	0	0	0	1,479
Real Estate Excise Tax I	233	125	0	0	0	0	0	0	358
Drainage and Wastewater Rates	55	70	450	0	0	0	0	0	575
Federal Grant Funds	2,913	6,647	10,261	682	0	0	0	0	20,503
General Obligation Bonds	0	1,770	0	2,194	479	25	0	0	4,468
General Subfund Revenues	238	4	0	0	0	0	0	0	242
Public Works Trust Fund Proceeds	1,865	1,710	2,467	4,958	0	0	0	0	11,000
State Gas Taxes - Arterial City Street Fund	123	0	0	0	0	0	0	0	123
State Gas Taxes - City Street Fund	70	1	0	0	0	0	0	0	71
<b>Project Total:</b>	<b>5,497</b>	<b>11,019</b>	<b>13,965</b>	<b>7,834</b>	<b>479</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>38,819</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	233	125	0	0	0	0	0	0	358
Transportation Operating Fund	5,264	10,894	13,965	7,834	479	25	0	0	38,461
<b>Appropriations Total*</b>	<b>5,497</b>	<b>11,019</b>	<b>13,965</b>	<b>7,834</b>	<b>479</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>38,819</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		9,249	15,735	7,834	479	25	0	0	33,322

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# Transportation

## Greenwood Avenue N Street Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2005

**Project ID:** TC366380

**End Date:** 4th Quarter 2010

**Location:** Greenwood Ave. N/N 105th St./N 112th St.

**Neighborhood Plan:** Broadview-Bitter Lake-Haller Lake

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

This project widens the existing four lanes and adds a center two-way left-turn lane. Improvements include parking, curb, planting strip and concrete walkways on both sides of the street. All intersections are improved for pedestrian safety. Signals, streetlighting, and drainage systems are upgraded as needed.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	184	0	0	0	0	0	184
To Be Determined	0	0	0	0	121	256	65	0	442
Federal Grant Funds	0	53	106	27	347	695	174	0	1,402
State Gas Taxes - Arterial City Street Fund	0	144	0	0	0	0	0	0	144
State Grant Funds	0	62	124	31	558	1,116	280	0	2,171
<b>Project Total:</b>	0	259	414	58	1,026	2,067	519	0	4,343
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	184	0	0	0	0	0	184
Transportation Operating Fund	0	259	230	58	905	1,811	454	0	3,717
<b>Appropriations Total*</b>	0	259	414	58	905	1,811	454	0	3,901
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		206	414	104	1,033	2,067	519	0	4,343

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**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Hazard Mitigation Program - Areaways

<b>BCL/Program Name:</b> Capital Projects Management	<b>BCL/Program Code:</b> DOT-CPM
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> Ongoing
<b>Project ID:</b> TC365480	<b>End Date:</b> Ongoing

**Location:** Various

**Neighborhood Plan:** Pioneer Square

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Downtown

**Urban Village:** Pioneer Square

The Hazard Mitigation Program constructs mitigation projects that reduce risks to City facilities and the general public as a result of natural disasters. Areaways are usable space, generally in the street right-of-way, constructed under sidewalks between a building foundation and the street wall. Many areaways in the Pioneer Square District are old and in poor condition, and may present hazards to the traveling public, public and private utilities, and adjacent building owners and occupants. Improving these areaways is an action included in the South Downtown Strategic Plan. SDOT identifies those areaways that require repair and, based on a feasibility and cost assessment, either repairs them or fills them with lightweight concrete in order to reduce risks to pedestrians and property.

In the 2005 budget process, City Council adopted the following budget proviso related to this project: Of the appropriation for 2005 for SDOT's Structure Management, Maintenance, and Operation BCL, \$235,000 is appropriated solely for TCIP365480, Hazard Mitigation Program - Areaways (and for the amount endorsed for 2006, \$404,800 is expected to be appropriated solely for TCIP365480, Hazard Mitigation Program - Areaways).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,314	279	200	0	0	0	0	0	2,793
To Be Determined	0	0	0	200	200	200	200	200	1,000
General Subfund Revenues	0	35	205	0	0	0	0	0	240
<b>Project Total:</b>	2,314	314	405	200	200	200	200	200	4,033
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	2,314	279	200	0	0	0	0	0	2,793
Transportation Operating Fund	0	35	205	0	0	0	0	0	240
<b>Appropriations Total*</b>	2,314	314	405	0	0	0	0	0	3,033
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		314	405	200	200	200	200	200	1,719

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# Transportation

## Hazard Mitigation Program - Landslide Mitigation Projects

<b>BCL/Program Name:</b> Street Maintenance	<b>BCL/Program Code:</b> DOT-SM
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> Ongoing
<b>Project ID:</b> TC365510	<b>End Date:</b> Ongoing

**Location:** Multiple 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 Neighborhood District	<b>Urban Village:</b> In more than one Urban Village

This project funds the analysis and mitigation of landslide concerns that affect the right-of-way. Two small projects were constructed in 2005, a rock buttress at 10100 Rainier Avenue South, an area damaged by erosion in 2003, and improvements to mitigate landslide concerns on East Newport Way at 38th Avenue East. Funds were also used in 2005 to undertake geotechnical investigations near 41st Avenue NE and NE 142nd, where the roadway has recently slumped in an area designated as a citywide landslide concern. Funding for 2006 includes an additional \$500,000 to construct a 120-linear-foot soldier pile wall at this location to stabilize the street.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,346	626	900	0	0	0	0	0	2,872
Drainage and Wastewater Rates	0	36	0	0	0	0	0	0	36
To Be Determined	0	0	0	200	200	200	200	200	1,000
Federal Grant Funds	66	106	0	0	0	0	0	0	172
<b>Project Total:</b>	1,412	768	900	200	200	200	200	200	4,080
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	1,346	626	900	0	0	0	0	0	2,872
Transportation Operating Fund	66	142	0	0	0	0	0	0	208
<b>Appropriations Total*</b>	1,412	768	900	0	0	0	0	0	3,080
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		768	900	200	200	200	200	200	2,668

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# Transportation

## Intelligent Transportation Systems (ITS) Plan Implementation

**BCL/Program Name:** Traffic Management **BCL/Program Code:** DOT-TM  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 2003  
**Project ID:** TC365870 **End Date:** 3rd Quarter 2008

**Location:** Citywide

**Neighborhood Plan:** BINMIC (Ballard Interbay Northend) **Neighborhood Plan Matrix:** T-20

**Neighborhood District:** In more than one District **Urban Village:** In more than one Urban Village

This project provides funding for high-priority projects identified in the City's Intelligent Transportation System (ITS) Strategic Plan and 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 system and traveler information. A federal appropriation in 2003 provides funds for Montlake CCTV, 1st Avenue S transit signal priority, Rainier Ave. S emergency signal preemption, Fremont Bridge ITS elements, and CCTV for Martin Luther King Jr. Way S. A federal appropriation in 2004 provides funds for ITS elements which include signal control equipment along Rainier Ave. S, traffic response control along 4th Avenue S, and variable message signs key to Port of Seattle needs. A federal appropriation in 2005 provides funds for development and deployment of a web based, real time arterial traffic flow map which links with WSDOT and King County Metro. These funds also provide installation of system/data loops for traveler information purposes which connect to the City's Traffic Management Control Center. The private funding is match from Mobility Technology for implementing an Intelligent Transportation Infrastructure project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	75	0	0	0	0	0	75
Private Funding/Donations	0	0	109	254	0	0	0	0	363
To Be Determined	0	0	0	176	0	0	0	0	176
Federal Grant Funds	0	400	991	1,329	40	0	0	0	2,760
General Subfund Revenues	19	21	0	0	0	0	0	0	40
King County Funds	94	0	0	0	0	0	0	0	94
Miscellaneous Grants or Donations	166	2,396	0	0	0	0	0	0	2,562
Port of Seattle Funds	0	500	0	0	0	0	0	0	500
Sound Transit Funds	125	0	0	0	0	0	0	0	125
State Gas Taxes - Arterial City Street Fund	0	0	0	0	19	0	0	0	19
State Gas Taxes - City Street Fund	83	189	0	0	0	0	0	0	272
State Grant Funds	193	415	266	0	0	0	0	0	874
<b>Project Total:</b>	<b>680</b>	<b>3,921</b>	<b>1,441</b>	<b>1,759</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,860</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	75	0	0	0	0	0	75
Transportation Operating Fund	680	3,921	1,257	1,329	59	0	0	0	7,246
<b>Appropriations Total*</b>	<b>680</b>	<b>3,921</b>	<b>1,332</b>	<b>1,329</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,321</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		1,412	3,662	2,047	59	0	0	0	7,180

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# Transportation

## Interurban Trail North

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 1st Quarter 1997

**Project ID:** TC364980

**End Date:** 2nd Quarter 2008

**Location:** Fremont Ave. N/N 109th St./N 128th St.

**Neighborhood Plan:** Broadview-Bitter Lake-Haller Lake

**Neighborhood Plan Matrix:** B-22

**Neighborhood District:** Northwest

**Urban Village:** Bitter Lake Village

This project constructs a multi-use trail in City Light's transmission line right-of-way from N. 109th Street to N. 128th Street. The trail is part of an evolving regional trail system that will extend 18 miles from Seattle to Everett when completed. This project is currently in construction.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	23	104	0	0	0	0	0	0	127
General Obligation Bonds	60	0	0	0	0	0	0	0	60
Federal Grant Funds	347	645	0	0	0	0	0	0	992
General Subfund Revenues	27	0	0	0	0	0	0	0	27
Miscellaneous Grants or Donations	0	131	0	0	0	0	0	0	131
State Gas Taxes - City Street Fund	46	95	5	5	5	0	0	0	156
Vehicle Licensing Fees	80	0	0	0	0	0	0	0	80
<b>Project Total:</b>	583	975	5	5	5	0	0	0	1,573
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	523	975	5	5	5	0	0	0	1,513
<b>Appropriations Total*</b>	523	975	5	5	5	0	0	0	1,513
<b>O &amp; M Costs (Savings)</b>			15	15	15	15	15	15	90

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

# Transportation

## Lake City Way NE Multimodal

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 1998

**Project ID:** TC365380

**End Date:** 4th Quarter 2008

**Location:** Lake City Wy. NE/NE 145th St./12th Ave NE

**Neighborhood Plan:** North District/Lake City

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** North

**Urban Village:** Lake City

This project provides pedestrian and street improvements on Lake City Way NE (State Route 522) from I-5 to NE 145th St. (the northern city limits). Improvements include transit signal priority installation and full interconnection at the 15 signalized intersections along the route; construction of transit queue jumps where feasible; sidewalk connections along the route including necessary drainage upgrades; and upgrading and modernizing lighting along the route for both vehicles and pedestrians. Amenities such as street trees and bus shelters at transfer points and transit stops are installed. Landscaped medians and a northbound Business Access, right-turn and Transit lane (BAT lane) are constructed.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	22	18	20	0	0	0	0	0	60
Property Sales and Interest Earnings	20	0	0	0	0	0	0	0	20
Drainage and Wastewater Rates	122	901	0	0	0	0	0	0	1,023
Federal Grant Funds	472	3,315	0	0	0	0	0	0	3,787
General Subfund Revenues	147	0	0	0	0	0	0	0	147
King County Funds	25	135	0	0	0	0	0	0	160
State Gas Taxes - Arterial City Street Fund	1,294	0	25	0	0	0	0	0	1,319
State Gas Taxes - City Street Fund	0	0	0	20	10	0	0	0	30
State Grant Funds	3,667	1,950	0	0	0	0	0	0	5,617
<b>Project Total:</b>	<b>5,769</b>	<b>6,319</b>	<b>45</b>	<b>20</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,163</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	22	18	20	0	0	0	0	0	60
Cumulative Reserve Subfund - Unrestricted Subaccount	20	0	0	0	0	0	0	0	20
Transportation Operating Fund	5,727	6,301	25	20	10	0	0	0	12,083
<b>Appropriations Total*</b>	<b>5,769</b>	<b>6,319</b>	<b>45</b>	<b>20</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,163</b>
<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 in thousands of dollars.*

# Transportation

## Lake Union Ship Canal Trail

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 1st Quarter 1990

**Project ID:** TC327000

**End Date:** 2nd Quarter 2008

**Location:** W Nickerson St./6th Ave. W/15th Ave. W

**Neighborhood Plan:** Queen Anne

**Neighborhood Plan Matrix:** T11

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Fremont

This project completes Phase II of a multi-use trail, extending from the Fremont Bridge to Fisherman's Terminal, just west of 15th Ave. NW. Phase II begins at 6th Ave. W and 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	53	374	333	0	0	0	0	0	760
Real Estate Excise Tax II	0	0	468	0	0	0	0	0	468
King County Voter-Approved Debt	2,045	9	0	0	0	0	0	0	2,054
Drainage and Wastewater Rates	22	28	320	0	0	0	0	0	370
Federal Grant Funds	2,093	142	1,637	0	0	0	0	0	3,872
Interagency Commission on Outdoor Recreation Grants	585	0	0	0	0	0	0	0	585
State Gas Taxes - City Street Fund	16	108	0	10	5	0	0	0	139
<b>Project Total:</b>	4,814	661	2,758	10	5	0	0	0	8,248
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	468	0	0	0	0	0	468
Transportation Operating Fund	2,769	652	2,290	10	5	0	0	0	5,726
<b>Appropriations Total*</b>	2,769	652	2,758	10	5	0	0	0	6,194
<b>O &amp; M Costs (Savings)</b>			0	20	20	20	20	20	100
<b>Spending Plan</b>		600	2,819	10	5	0	0	0	3,434

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# Transportation

## Leary Way NW Signal Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2000

**Project ID:** TC365720

**End Date:** 1st Quarter 2006

**Location:** Leary Wy NW/NW 46th St.

**Neighborhood Plan:** BINMIC (Ballard Interbay Northend) **Neighborhood Plan Matrix:** T6

**Neighborhood District:** Ballard

**Urban Village:** Ballard

This project interconnects three existing signals and installs fire preemption at signals and transit priority compatible controllers. The project includes new signals, new curbs, gutters, and sidewalks, concrete panel replacement, asphalt resurfacing, and drainage and lighting upgrades. Construction is substantially complete in 2004. There are minor close-out costs in 2005 and 2006.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Subfund Revenues	175	0	0	0	0	0	0	0	175
State Gas Taxes - Arterial City Street Fund	403	25	3	0	0	0	0	0	431
State Gas Taxes - City Street Fund	835	12	0	0	0	0	0	0	847
State Grant Funds	1,718	0	0	0	0	0	0	0	1,718
Vehicle Licensing Fees	131	81	0	0	0	0	0	0	212
<b>Project Total:</b>	<b>3,262</b>	<b>118</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,383</b>
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	3,262	118	3	0	0	0	0	0	3,383
<b>Appropriations Total*</b>	<b>3,262</b>	<b>118</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,383</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		118	3	0	0	0	0	0	121

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# Transportation

## Left Turn Signals

**BCL/Program Name:** Traffic Management  
**Project Type:** Improved Facility  
**Project ID:** TC323130

**BCL/Program Code:** DOT-TM  
**Start Date:** Ongoing  
**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project improves 5-10 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. In 2005, left turn signals were installed at 25th Ave NE & NE Blakeley St, 1st Ave & Seneca, Elliott & Harrison and 8th Ave SW & SW Roxbury St.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	163	0	0	0	0	0	0	0	163
General Subfund Revenues	675	0	0	0	0	0	0	0	675
Private Funding/Donations	50	0	0	0	0	0	0	0	50
State Gas Taxes - Arterial City Street Fund	233	169	170	0	0	0	0	0	572
State Gas Taxes - City Street Fund	398	0	0	174	178	182	187	192	1,311
State Grant Funds	101	0	0	0	0	0	0	0	101
Vehicle Licensing Fees	47	0	0	0	0	0	0	0	47
<b>Project Total:</b>	1,667	169	170	174	178	182	187	192	2,919
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	1,667	169	170	174	178	182	187	192	2,919
<b>Appropriations Total*</b>	1,667	169	170	174	178	182	187	192	2,919
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		169	170	174	178	182	187	192	1,252

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# Transportation

## Magnolia Bridge Replacement Project

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 1st Quarter 2002

**Project ID:** TC366060

**End Date:** 3rd Quarter 2011

**Location:** Magnolia Bridge

**Neighborhood Plan:** BINMIC (Ballard Interbay Northend) **Neighborhood Plan Matrix:** T-21

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Ballard Interbay

This project evaluates possible locations and bridge types for replacement of the Magnolia Bridge, which was damaged by a landslide in 1997 and the Nisqually earthquake in 2001. The current alignment is studied as well as other alignments to the north and possibly the south. Rehabilitation of the existing structure is also studied. Input from a variety of stakeholders is sought, including the Magnolia and Queen Anne Communities, local businesses, and the Port of Seattle. Based on alternatives, the appropriate environmental documents are prepared and permit(s) are identified or initiated. The final steps in the design phase of this project are to perform the necessary civil and structural calculations and to prepare the plans, specifications, and estimates. Additional funding will be required to complete the plans, specifications, and estimate. Construction and right-of-way phase spending is estimated but funding is yet to be identified. Currently, SDOT is conducting an Environmental Impact Study review of the bridge replacement and expects to complete the environmental assessment on a preferred alternative to be identified in late 2005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Street Vacations	40	0	0	0	0	0	0	0	40
To Be Determined	0	0	0	47,494	27,900	50,000	50,000	28,000	203,394
Federal Grant Funds	3,288	1,680	746	3,241	0	0	0	0	8,955
General Subfund Revenues	50	0	0	0	0	0	0	0	50
State Gas Taxes - Arterial City Street Fund	16	140	4	215	0	0	0	0	375
State Gas Taxes - City Street Fund	8	71	0	0	0	0	0	0	79
Vehicle Licensing Fees	46	54	0	0	0	0	0	0	100
<b>Project Total:</b>	<b>3,448</b>	<b>1,945</b>	<b>750</b>	<b>50,950</b>	<b>27,900</b>	<b>50,000</b>	<b>50,000</b>	<b>28,000</b>	<b>212,993</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	40	0	0	0	0	0	0	0	40
Transportation Operating Fund	3,408	1,945	750	3,456	0	0	0	0	9,559
<b>Appropriations Total*</b>	<b>3,448</b>	<b>1,945</b>	<b>750</b>	<b>3,456</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,599</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		1,045	1,650	50,950	27,900	50,000	50,000	28,000	209,545

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# Transportation

## Mercer Corridor Project

<b>BCL/Program Name:</b> Policy, Planning and Major Projects	<b>BCL/Program Code:</b> DOT-PPMP
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 1999
<b>Project ID:</b> TC365500	<b>End Date:</b> 4th Quarter 2010

**Location:** Mercer/Fairview/Dexter Ave

**Neighborhood Plan:** South Lake Union

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Lake Union

**Urban Village:** In more than one Urban Village

This project implements a comprehensive package of transportation improvements in the Mercer Corridor and South Lake Union. The project aims to use existing street capacity more efficiently and enhance all modes of travel, including pedestrian mobility. It includes improvements in the Mercer/Valley Corridor, including options for a widened two-way Mercer St., to improve east-west traffic flow, improve pedestrian safety and access to South Lake Union Park, and enhance neighborhood circulation for all modes. The "To Be Determined" funding source shown for this project represents revenues from a possible Regional Transportation Investment District, potential developer mitigation, and other grant sources that the Department plans to pursue. As assumed in the 2004 budget, Councilmanic debt was issued in 2005 to provide capital funds for the federal and state environmental review, whose debt service will be paid by the beneficiaries of the original 2002 bond defeasance plan. This project was displayed as South Lake Union Transportation Improvements project in previous CIPs. During the 2005 budget process, \$612,000 was added in bond funds to complete the environmental review. This funding is in addition to the \$1.3 million added in 2004 for the environmental review in the form of an interfund loan (cash advance) in anticipation of a bond sale in 2005. In November 2006, a public vote is expected on the Regional Transportation Improvement District funding package that is anticipated to include dollars for this project. The right-of-way cost estimates for this project represent the net difference between the value of property needed for the project and the value of surplus right-of-way that would be made available as a result of the project. In 2004, the Council adopted a proviso limiting spending to \$163,000 beyond carryover from 2003 until authorized by future ordinance after approval of a set of alternatives to be considered in an environmental review. The City Council lifted the proviso (Ordinance 121634) and directed SDOT to complete environmental review on the two-way Mercer alternative in November, 2004. In 2005, Ordinance 121882 appropriated \$361,000 in REET II funds to restore funding that was made available to complete a property acquisition related to this project. This supplemental appropriation is reflected in the fund table below. The \$2.5 million in LTGO bond funding shown for 2006 will not be spent until Council passes a subsequent ordinance releasing these funds. On November 4, 2004, the City Council budget committee held a special public hearing on this project. Special public hearings, also known as "CLEAN!" hearings, are held for certain major capital projects on which the City spends or is authorized to spend \$5 million or more in City money.

<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
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## Transportation

<b>Revenue Sources</b>									
2001 LTGO Bond	4,373	187	0	0	0	0	0	0	4,560
2002B LTGO Bond	400	0	0	0	0	0	0	0	400
2003 LTGO Bond	596	4	0	0	0	0	0	0	600
2005 LTGO Bond	0	1,912	0	0	0	0	0	0	1,912
2006 LTGO Bond	0	0	2,500	0	0	0	0	0	2,500
Real Estate Excise Tax II	0	361	0	0	0	0	0	0	361
South Lake Union Property Sale Proceeds	50	0	0	0	0	0	0	0	50
Federal Grant Funds	1,866	0	0	0	0	0	0	0	1,866
General Subfund Revenues	162	14	0	0	0	0	0	0	176
Regional Transportation Investment District Funds	0	0	0	33,100	17,600	28,100	15,900	0	94,700
State Gas Taxes - Arterial City Street Fund	539	245	0	0	0	0	0	0	784
State Gas Taxes - City Street Fund	183	17	0	0	0	0	0	0	200
<b>Project Total:</b>	<b>8,169</b>	<b>2,740</b>	<b>2,500</b>	<b>33,100</b>	<b>17,600</b>	<b>28,100</b>	<b>15,900</b>	<b>0</b>	<b>108,109</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	361	0	0	0	0	0	0	361
Transportation Operating Fund	8,169	2,379	2,500	33,100	17,600	28,100	15,900	0	107,748
<b>Appropriations Total*</b>	<b>8,169</b>	<b>2,740</b>	<b>2,500</b>	<b>33,100</b>	<b>17,600</b>	<b>28,100</b>	<b>15,900</b>	<b>0</b>	<b>108,109</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		2,294	2,946	33,100	17,600	28,100	15,900	0	99,940

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# Transportation

## Miscellaneous, Unforeseen, and Emergencies

<b>BCL/Program Name:</b> Capital Projects Management	<b>BCL/Program Code:</b> DOT-CPM
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> Ongoing
<b>Project ID:</b> TC320030	<b>End Date:</b> Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program provides a financial reserve for work that cannot be anticipated during the annual CIP planning process. The reserve is used on a project-specific basis when emergencies are identified. Based on current transportation revenue projections and the projects that are currently in process, funding is not available for this program until 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Subfund Revenues	162	0	0	0	0	0	0	0	162
State Gas Taxes - Arterial City	121	0	0	0	200	0	0	0	321
Street Fund									
<b>Project Total:</b>	283	0	0	0	200	0	0	0	483
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	283	0	0	0	200	0	0	0	483
<b>Appropriations Total*</b>	283	0	0	0	200	0	0	0	483
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Mountains to Sound Greenway Trail

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2000

**Project ID:** TC365750

**End Date:** 2nd Quarter 2010

**Location:** Multiple locations

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one Neighborhood District

**Urban Village:** In more than one Urban Village

This project designs the final section of the Mountains to Sound Greenway Trail, from I-90 to Puget Sound. It also constructs the portion of the trail from 4th Ave. S to Airport Way. The City received a Transportation Enhancement Program grant for the first phase, shown below as a federal grant. This project is also funded by the voter approved 2000 Parks Levy.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	250	294	1,536	0	0	0	2,080
Street Vacations	0	27	18	0	0	0	0	0	45
Federal Grant Funds	13	286	71	607	1,154	900	0	0	3,031
State Gas Taxes - Arterial City Street Fund	9	37	0	0	0	0	5	0	51
<b>Project Total:</b>	22	350	339	901	2,690	900	5	0	5,207
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	0	27	18	0	0	0	0	0	45
Transportation Operating Fund	22	323	321	901	2,690	900	5	0	5,162
<b>Appropriations Total*</b>	22	350	339	901	2,690	900	5	0	5,207
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	20	20
<b>Spending Plan</b>		350	339	901	2,690	900	5	0	5,185

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# Transportation

## NE 100th Street Sidewalk Development

**BCL/Program Name:** Traffic Management

**BCL/Program Code:** DOT-TM

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2006

**Project ID:** TC366570

**End Date:** 4th Quarter 2006

**Location:** NE 100th/NE 3rd

**Neighborhood Plan:** Northgate

**Neighborhood Plan Matrix:** I.G. 8.1

**Neighborhood District:** North

**Urban Village:** Northgate

This project constructs a 12-foot sidewalk along the southern perimeter of Seattle Public Utility's Thorton Creek Channel project on the Northgate South Lot (see SPU Thorton Creek Water Quality Project, C3NW033-004). The sidewalk -- along 100th Street NE -- has a dirt path but no paved sidewalk. The 12-foot sidewalk is required by the area's Special Landscape Arterial provisions and the 5th Avenue NE Streetscape design concept.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	240	0	0	0	0	0	240
<b>Project Total:</b>	0	0	240	0	0	0	0	0	240
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	240	0	0	0	0	0	240
<b>Appropriations Total*</b>	0	0	240	0	0	0	0	0	240
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		60	180	0	0	0	0	0	240

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**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Neighborhood Bike Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** Ongoing

**Project ID:** TC322280

**End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This citywide project responds to citizen and neighborhood recommendations for projects that facilitate bicycle travel in the city. The project, which is coordinated with the Neighborhood Pedestrian Improvements Program (TC323120), provides improvements such as construction of bike lanes, ramps, drain grates, paved shoulders, railroad crossing improvements, and bicycle lane striping. Based on current transportation revenue projections and projects that are currently in progress, funding has not been identified for this project for 2006 and beyond.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	236	199	0	0	0	0	0	0	435
State Gas Taxes - Arterial City Street Fund	108	0	0	0	0	0	0	0	108
State Gas Taxes - City Street Fund	290	135	0	0	0	0	0	0	425
Vehicle Licensing Fees	406	108	0	0	0	0	0	0	514
<b>Project Total:</b>	1,040	442	0	0	0	0	0	0	1,482
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	1,040	442	0	0	0	0	0	0	1,482
<b>Appropriations Total*</b>	1,040	442	0	0	0	0	0	0	1,482
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		421	10	5	5	0	0	0	441

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# Transportation

## Neighborhood Pedestrian Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** Ongoing

**Project ID:** TC323120

**End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This citywide project responds to citizen and neighborhood recommendations for projects that enhance pedestrian mobility by making improvements that promote safe and convenient access to pedestrian facilities. The project, which is coordinated with the Neighborhood Bike Improvements Program (TC322280), constructs pedestrian walkways, curb bulbs, and other types of pedestrian improvements.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	71	29	0	0	0	0	0	0	100
Drainage and Wastewater Rates	155	0	0	0	0	0	0	0	155
Federal Grant Funds	679	0	0	0	0	0	0	0	679
General Subfund Revenues	920	0	88	0	0	0	0	0	1,008
State Gas Taxes - Arterial City Street Fund	989	0	0	0	0	0	0	0	989
State Gas Taxes - City Street Fund	609	49	0	0	0	0	0	0	658
State Grant Funds	200	0	0	0	0	0	0	0	200
<b>Project Total:</b>	<b>3,623</b>	<b>78</b>	<b>88</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,789</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	71	29	0	0	0	0	0	0	100
Transportation Operating Fund	3,552	49	88	0	0	0	0	0	3,689
<b>Appropriations Total*</b>	<b>3,623</b>	<b>78</b>	<b>88</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,789</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		78	88	0	0	0	0	0	166

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# Transportation

## New Traffic Signals

<b>BCL/Program Name:</b> Traffic Management	<b>BCL/Program Code:</b> DOT-TM
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> Ongoing
<b>Project ID:</b> TC323610	<b>End Date:</b> Ongoing

**Location:** 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. Since 1988, the City has installed about 10 signals per year at selected locations where drainage, curb revisions, or pavement restoration were not required. At the current level of funding, the City is installing five or fewer signals per year for a total of 3-5 signals installed per year. Location choices are based upon pedestrian and vehicle volumes; school, senior citizen, and handicapped accessible crossing requirements; and accident frequency criteria. The program provides a match to State High-Hazard funds for new signals.

In 2005, Ordinance 121796 appropriated \$500,000 in REET II funds to pay for traffic signals. This supplemental appropriation is reflected in the fund table below.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	500	230	0	0	0	0	0	730
Federal Grant Funds	474	106	0	0	0	0	0	0	580
General Subfund Revenues	0	100	102	0	0	0	0	0	202
State Gas Taxes - Arterial City Street Fund	594	210	0	0	0	0	251	257	1,312
State Gas Taxes - City Street Fund	1,230	25	0	233	239	245	0	0	1,972
<b>Project Total:</b>	2,298	941	332	233	239	245	251	257	4,796
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	500	230	0	0	0	0	0	730
Transportation Operating Fund	2,298	441	102	233	239	245	251	257	4,066
<b>Appropriations Total*</b>	2,298	941	332	233	239	245	251	257	4,796
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		941	332	233	239	245	251	257	2,498

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# Transportation

## Non-Arterial Asphalt Street Resurfacing

**BCL/Program Name:** Street Maintenance **BCL/Program Code:** DOT-SM  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** TC323920 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project repairs and/or replaces deteriorated asphalt pavement 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. This project is consistent with the priority placed on basic services and asset preservation, and protects the City's capital investment in non-arterial asphalt streets by providing limited resurfacing.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	263	274	0	0	0	0	0	537
To Be Determined	0	0	0	123	126	129	132	135	645
General Subfund Revenues	48	0	0	0	0	0	0	0	48
State Gas Taxes - Arterial City Street Fund	8	0	0	0	0	0	0	0	8
State Gas Taxes - City Street Fund	499	0	0	0	0	0	0	0	499
<b>Project Total:</b>	<b>555</b>	<b>263</b>	<b>274</b>	<b>123</b>	<b>126</b>	<b>129</b>	<b>132</b>	<b>135</b>	<b>1,737</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	263	274	0	0	0	0	0	537
Transportation Operating Fund	555	0	0	0	0	0	0	0	555
<b>Appropriations Total*</b>	<b>555</b>	<b>263</b>	<b>274</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,092</b>
<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 in thousands of dollars.*

# Transportation

## Non-Arterial Concrete Rehabilitation

**BCL/Program Name:** Street Maintenance **BCL/Program Code:** DOT-SM  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** TC323160 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** 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. This project is consistent with the priority placed on basic services and asset preservation, and protects the City's capital investment in non-arterial concrete streets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	250	261	0	0	0	0	0	511
To Be Determined	0	0	0	52	53	54	55	56	270
State Gas Taxes - Arterial City Street Fund	46	0	0	0	0	0	0	0	46
State Gas Taxes - City Street Fund	341	0	0	0	0	0	0	0	341
Vehicle Licensing Fees	6	30	0	0	0	0	0	0	36
<b>Project Total:</b>	393	280	261	52	53	54	55	56	1,204
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	250	261	0	0	0	0	0	511
Transportation Operating Fund	393	30	0	0	0	0	0	0	423
<b>Appropriations Total*</b>	393	280	261	0	0	0	0	0	934
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		280	261	52	53	54	55	56	811

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# Transportation

## North Queen Anne Drive Bridge - Seismic Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Rehabilitation or Restoration

**Start Date:** 3rd Quarter 2002

**Project ID:** TC366170

**End Date:** 4th Quarter 2010

**Location:** N Queen Anne Dr./2nd Ave. N/Nob Hill Ave. N

**Neighborhood Plan:** Queen Anne

**Neighborhood Plan Matrix:** QAT56 WA

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Queen Anne

This project seismically retrofits the North Queen Anne Drive Bridge, which was built in 1935. The bridge is a heavily-used primary arterial link between the densely populated residential community and business district of Queen Anne and State Route 99 (Aurora Ave. N). Seismic improvements strengthen the bridge in order to minimize the likelihood of heavy damage or collapse during an earthquake. The project encountered unanticipated field conditions that have added to the total project cost. Specifically, when construction began, it was discovered that lead contamination was present in the soil around the base of the bridge. In 2005, Ordinance 121882 appropriated \$750,000 in REET II funds to pay for unforeseen costs associated with the cleanup and disposal of these contaminated soils. This supplemental appropriation is reflected in the fund table below. Funding shown below from 2006 through 2010 includes closeout costs and wetlands plant restoration and monitoring.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	213	183	0	0	0	0	0	0	396
Real Estate Excise Tax II	0	775	15	0	0	0	0	0	790
To Be Determined	0	0	0	5	5	5	5	0	20
Federal Grant Funds	770	280	0	0	0	0	0	0	1,050
State Gas Taxes - Arterial City Street Fund	142	23	0	0	0	0	0	0	165
State Gas Taxes - City Street Fund	126	76	0	0	0	0	0	0	202
<b>Project Total:</b>	1,251	1,337	15	5	5	5	5	0	2,623
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	213	183	0	0	0	0	0	0	396
Cumulative Reserve Subfund - REET II Subaccount	0	775	15	0	0	0	0	0	790
Transportation Operating Fund	1,038	379	0	0	0	0	0	0	1,417
<b>Appropriations Total*</b>	1,251	1,337	15	0	0	0	0	0	2,603
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Northgate South Lot Sidewalks

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2006

**Project ID:** TC366550

**End Date:** 4th Quarter 2007

**Location:** 5th Avenue NE/NE 102nd Street/NE 103rd Street

**Neighborhood Plan:** Northgate

**Neighborhood Plan Matrix:** I.G. 8.1

**Neighborhood District:** North

**Urban Village:** Northgate

This project constructs two sidewalk segments along the northern and eastern perimeter of Seattle Public Utilities' Thornton Creek Channel project on the Northgate South Lot (see SPU Thornton Creek Water Quality Project, C3NW033-004). The segments -- along 103rd Street NE and 5th Avenue NE -- have existing six-foot sidewalks. This project upgrades the existing six-foot sidewalks to 12 feet, which is required by the area's Special Landscape Arterial provisions and the 5th Avenue NE Streetscape design concept.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	270	0	0	0	0	0	270
<b>Project Total:</b>	0	0	270	0	0	0	0	0	270
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	270	0	0	0	0	0	270
<b>Appropriations Total*</b>	0	0	270	0	0	0	0	0	270
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	70	200	0	0	0	0	270

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# Transportation

## NSF/CRF Neighborhood Program

**BCL/Program Name:** Policy, Planning and Major Projects      **BCL/Program Code:** DOT-PPMP  
**Project Type:** Rehabilitation or Restoration      **Start Date:** Ongoing  
**Project ID:** TC365770      **End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** In more than one Plan      **Neighborhood Plan Matrix:** Multiple  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

This program implements improvements and repairs identified annually by the community and selected by the Department of Neighborhoods, Seattle Department of Transportation, and the Department of Parks. Criteria for reviewing and selecting projects include those that have significant or positive impact on the neighborhood; have support of multiple neighborhood plan stewards and/or District Council members; and can leverage other dollars. Examples of transportation-related projects funded in prior years include sidewalk repairs and replacement, installation of curb bulbs or other traffic calming devices, and improvements to crosswalks. The state grant funds shown for 2005 are from the Washington Traffic Safety Commission (WSTC) for sidewalks in the vicinity of Meadowbrook school. See the table in the Introduction to this document for a complete list of projects. In 2005, Ordinance 121882 appropriated \$60,000 in REET II funds to pay for Pioneer Square sidewalk improvements. This supplemental appropriation is reflected in the fund table below.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,283	1,843	1,122	0	0	0	0	0	5,248
General Subfund Revenues	12	3	0	0	0	0	0	0	15
State Gas Taxes - Arterial City Street Fund	808	82	0	0	0	0	251	257	1,398
State Gas Taxes - City Street Fund	204	239	0	233	239	245	0	0	1,160
State Grant Funds	0	75	0	0	0	0	0	0	75
<b>Project Total:</b>	<b>3,307</b>	<b>2,242</b>	<b>1,122</b>	<b>233</b>	<b>239</b>	<b>245</b>	<b>251</b>	<b>257</b>	<b>7,896</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	2,283	1,843	1,122	0	0	0	0	0	5,248
Transportation Operating Fund	1,024	399	0	233	239	245	251	257	2,648
<b>Appropriations Total*</b>	<b>3,307</b>	<b>2,242</b>	<b>1,122</b>	<b>233</b>	<b>239</b>	<b>245</b>	<b>251</b>	<b>257</b>	<b>7,896</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Pay Stations

**BCL/Program Name:** Traffic Management  
**Project Type:** New Investment  
**Project ID:** TC366350

**BCL/Program Code:** DOT-TM  
**Start Date:** 1st Quarter 2004  
**End Date:** 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project purchases up to 1,573 pay stations from 2004-2006 as part of parking management improvements being implemented by the City. Funding to install these pay stations is included in SDOT's operating budget.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
2005 LTGO Bond	3,120	3,443	3,750	0	0	0	0	0	10,313
<b>Project Total:</b>	3,120	3,443	3,750	0	0	0	0	0	10,313
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	3,120	3,443	3,750	0	0	0	0	0	10,313
<b>Appropriations Total*</b>	3,120	3,443	3,750	0	0	0	0	0	10,313
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		3,443	3,750	0	0	0	0	0	7,193

## Pedestrian Lighting - Capital Costs

**BCL/Program Name:** Capital Projects Management  
**Project Type:** Improved Facility  
**Project ID:** TC366450

**BCL/Program Code:** DOT-CPM  
**Start Date:** 1st Quarter 2005  
**End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project funds SDOT to work with the Department of Neighborhoods (DON) and Seattle City Light on the selection and installation of pedestrian lights in neighborhood business districts. This program supports neighborhood plans which identify increased safety and visibility needs in the business districts. DON works with the community to identify proposed projects, SDOT provides the design and City Light installs the lights. In 2005, \$200,000 of pedestrian lights was funded through this program. DON has initially identified several neighborhood business districts which could benefit from new or additional pedestrian lighting.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	200	200	0	0	0	0	0	400
<b>Project Total:</b>	0	200	200	0	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	200	200	0	0	0	0	0	400
<b>Appropriations Total*</b>	0	200	200	0	0	0	0	0	400
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Pedestrian/Elderly Handicapped Accessibility

**BCL/Program Name:** Traffic Management **BCL/Program Code:** DOT-TM  
**Project Type:** Improved Facility **Start Date:** Ongoing  
**Project ID:** TC323140 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project facilitates intermodal trips for the elderly and handicapped by making improvements to promote safe and convenient access to social service agencies, schools, and neighborhood business areas. The project installs curb ramps and other pedestrian improvements. The project allows SDOT's pedestrian program to: a) meet the federal mandate to have a program in place to install curb ramps, including in conjunction with new signal and roadway resurfacing projects; b) respond to citizen requests to install curb ramps; and c) continue to improve marked crosswalks that do not comply with new national guidelines. In 2005, this program will have funded 241 curb ramps constructed by SDOT crews by year's end.

In 2005, Ordinance 121796 appropriated \$100,000 in REET II funds to pay for traffic signals. This supplemental appropriation is reflected in the fund table below.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Community Development Block Grant	100	0	0	0	0	0	0	0	100
Real Estate Excise Tax II	0	100	669	0	0	0	0	0	769
To Be Determined	0	0	0	250	0	0	0	0	250
General Subfund Revenues	4	0	0	0	0	0	0	0	4
State Gas Taxes - Arterial City Street Fund	59	674	21	457	725	743	762	781	4,222
State Gas Taxes - City Street Fund	1,888	0	0	0	0	0	0	0	1,888
Vehicle Licensing Fees	1,666	0	0	0	0	0	0	0	1,666
<b>Project Total:</b>	<b>3,717</b>	<b>774</b>	<b>690</b>	<b>707</b>	<b>725</b>	<b>743</b>	<b>762</b>	<b>781</b>	<b>8,899</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	100	669	0	0	0	0	0	769
Transportation Operating Fund	3,617	674	21	457	725	743	762	781	7,780
<b>Appropriations Total*</b>	<b>3,617</b>	<b>774</b>	<b>690</b>	<b>457</b>	<b>725</b>	<b>743</b>	<b>762</b>	<b>781</b>	<b>8,549</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Phinney, Fremont, and 50th Street Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2002

**Project ID:** TC366120

**End Date:** 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project interconnects and upgrades 15 signalized intersections, provides new traffic controllers, and adds emergency vehicle preempts in the area of 50th Street, Phinney Ave and Fremont Ave.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	0	652	0	0	0	0	0	0	652
General Subfund Revenues	115	0	0	0	0	0	0	0	115
State Gas Taxes - Arterial City Street Fund	219	214	0	0	0	0	0	0	433
State Gas Taxes - City Street Fund	316	0	0	0	0	0	0	0	316
State Grant Funds	345	2,785	0	0	0	0	0	0	3,130
<b>Project Total:</b>	995	3,651	0	0	0	0	0	0	4,646
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	995	3,651	0	0	0	0	0	0	4,646
<b>Appropriations Total*</b>	995	3,651	0	0	0	0	0	0	4,646
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		3,632	19	0	0	0	0	0	3,651

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**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Retaining Wall Repair and Restoration

**BCL/Program Name:** Bridges and Structures **BCL/Program Code:** DOT-BS  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** TC365890 **End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project covers the in-house crew work involved in repairing or reconstructing retaining walls identified throughout the city under the Retaining Wall Replacement Program (TC365190). In the 2005 budget process, the City Council adopted the following budget proviso related to this project: Of the appropriation for 2005 for SDOT's Structure Management, Maintenance, and Operation BCL, \$397,000 is appropriated solely for TCIP365890, Retaining Wall Repair and Replacement Program (and of the amount endorsed for 2006, \$408,200 is expected to be appropriated solely for TCIP365890, Retaining Wall Repair and Replacement Program). In the 2006-2001 Proposed CIP, the project is renamed Retaining Wall Repair and Restoration.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	286	0	0	0	0	0	0	0	286
Real Estate Excise Tax II	0	347	357	0	0	0	0	0	704
To Be Determined	0	0	0	366	375	384	394	404	1,923
General Subfund Revenues	0	50	51	0	0	0	0	0	101
State Gas Taxes - City Street Fund	479	0	0	0	0	0	0	0	479
<b>Project Total:</b>	765	397	408	366	375	384	394	404	3,493
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	286	0	0	0	0	0	0	0	286
Cumulative Reserve Subfund - REET II Subaccount	0	347	357	0	0	0	0	0	704
Transportation Operating Fund	479	50	51	0	0	0	0	0	580
<b>Appropriations Total*</b>	765	397	408	0	0	0	0	0	1,570
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		397	408	366	375	384	394	404	2,728

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

# Transportation

## Retaining Wall Replacement Program

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Rehabilitation or Restoration

**Start Date:** Ongoing

**Project ID:** TC365190

**End Date:** 4th Quarter 2006

**Location:** Multiple locations

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one Neighborhood District

**Urban Village:** In more than one Urban Village

This project identifies retaining walls throughout the city that require repair or reconstruction, and makes the necessary repairs to reduce interference with adjoining sidewalks or roadways. Construction began in 2003 and continued in 2004 for retaining walls at two locations: 3631 22nd Ave. SW and near the intersection of E Denny Way and 32nd Avenue East. Minor closeout costs on those projects continued in 2005. Funding shown for 2006 provides for completion of planning, design and value engineering for retaining wall improvements at 24th Avenue East and East Mercer Street.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	91	0	0	0	0	0	91
Drainage and Wastewater Rates	3	0	0	0	0	0	0	0	3
General Obligation Bonds	701	0	0	0	0	0	0	0	701
General Subfund Revenues	623	0	0	0	0	0	0	0	623
State Gas Taxes - Arterial City Street Fund	84	17	0	0	0	0	0	0	101
State Gas Taxes - City Street Fund	173	0	0	0	0	0	0	0	173
<b>Project Total:</b>	1,584	17	91	0	0	0	0	0	1,692
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	91	0	0	0	0	0	91
Transportation Operating Fund	883	17	0	0	0	0	0	0	900
<b>Appropriations Total*</b>	883	17	91	0	0	0	0	0	991
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		17	91	0	0	0	0	0	108

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# Transportation

## Right-of-Way Improvements - Broadway and Roy St.

<b>BCL/Program Name:</b> Policy, Planning and Major Projects	<b>BCL/Program Code:</b> DOT-PPMP
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 2nd Quarter 2002
<b>Project ID:</b> TC366090	<b>End Date:</b> 4th Quarter 2005

**Location:** Broadway E/E Roy St.

**Neighborhood Plan:** Capitol Hill

**Neighborhood Plan Matrix:** A1

**Neighborhood District:** East District

**Urban Village:** Capitol Hill

This project included various pedestrian improvements, street lighting and drainage at Broadway and Roy streets on Capitol Hill. The improvements were made in conjunction with private development of the Broadway Plaza. The project is funded with Department of Neighborhoods Early Implementation Funds. This project results in no additional operation and maintenance costs.

This project has been completed and Seattle Department of Transportation will discuss with the Department of Neighborhoods how unspent funds can be reprogrammed to other neighborhood plan implementation projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Subfund Revenues	22	143	0	0	0	0	0	0	165
<b>Project Total:</b>	22	143	0	0	0	0	0	0	165
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	22	143	0	0	0	0	0	0	165
<b>Appropriations Total*</b>	22	143	0	0	0	0	0	0	165
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		143	0	0	0	0	0	0	143

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

# Transportation

## S Henderson Street Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2003

**Project ID:** TC366300

**End Date:** 4th Quarter 2007

**Location:** S Henderson St.

**Neighborhood Plan:** Rainier Beach

**Neighborhood Plan Matrix:** C-1.2.1

**Neighborhood District:** Southeast

**Urban Village:** Rainier Beach

This project improves access and mobility for pedestrians, transit, bicyclists, freight and vehicles. Street improvements focus on pedestrian safety. Planting strips and street trees between the sidewalk and the roadway are added by relocating the curb and gutter. Curb bulbs are installed at key pedestrian crossings. Minor improvements to the existing drainage system are necessary to collect stormwater in the new curb line. Other street improvements include widening the existing sidewalk, repairing pavement base and repairing existing bus layover areas. Pedestrian lighting is installed to further increase safety and meet illumination standards. This project is fully funded by Sound Transit. The improvements to S Henderson St. will connect the Henderson St. light rail station with the Rainier Beach commercial area.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Sound Transit Funds	124	1,236	0	105	0	0	0	0	1,465
<b>Project Total:</b>	124	1,236	0	105	0	0	0	0	1,465
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	124	1,236	0	105	0	0	0	0	1,465
<b>Appropriations Total*</b>	124	1,236	0	105	0	0	0	0	1,465
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		90	180	1,071	0	0	0	0	1,341

## S Holgate St. Railroad Crossing

**BCL/Program Name:** Policy, Planning and Major Projects

**BCL/Program Code:** DOT-PPMP

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2005

**Project ID:** TC366280

**End Date:** 4th Quarter 2006

**Location:** S Holgate St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** South Park

This project improves pedestrian and vehicle safety at S Holgate St. by installing shoulder mounts, cantilevers, gates, and upgrading circuitry. This project is a partnership with Amtrak and is fully funded by ISTEA/TEA 21, a federal grant.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	0	250	0	0	0	0	0	0	250
<b>Project Total:</b>	0	250	0	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	250	0	0	0	0	0	0	250
<b>Appropriations 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</b>		25	225	0	0	0	0	0	250

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

# Transportation

## S Jackson St. Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2001

**Project ID:** TC366000

**End Date:** 1st Quarter 2007

**Location:** S Jackson St./12th Ave. S/14th Ave. S

**Neighborhood Plan:** International District/Chinatown

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Downtown

**Urban Village:** International District

This project upgrades and interconnects signals, replaces failed concrete panels and broken sidewalks, installs channelization and curb bulbs, installs a bicycle lane, and upgrades bus shelters on S Jackson St. The improvements reduce neighborhood cut-through traffic, encourage economic development, and improve the mobility of vehicles, bicycles, and pedestrians. This project is partially funded by a \$1.273 million grant from the State Transportation Improvement Board.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	216	314	0	0	0	0	0	530
General Subfund Revenues	96	0	0	0	0	0	0	0	96
King County Funds	0	130	20	0	0	0	0	0	150
State Gas Taxes - Arterial City Street Fund	3	0	0	0	0	0	0	0	3
State Gas Taxes - City Street Fund	44	0	0	0	0	0	0	0	44
State Grant Funds	146	1,127	0	0	0	0	0	0	1,273
Vehicle Licensing Fees	22	0	0	0	0	0	0	0	22
<b>Project Total:</b>	311	1,473	334	0	0	0	0	0	2,118
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	216	314	0	0	0	0	0	530
Transportation Operating Fund	311	1,257	20	0	0	0	0	0	1,588
<b>Appropriations Total*</b>	311	1,473	334	0	0	0	0	0	2,118
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		609	1,193	5	0	0	0	0	1,807

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# Transportation

## S Lander St. Grade Separation

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 1st Quarter 2001

**Project ID:** TC366150

**End Date:** 4th Quarter 2010

**Location:** S Lander St./1st Ave. S/4th Ave. S

**Neighborhood Plan:** Duwamish

**Neighborhood Plan Matrix:** TP-2

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project develops a grade separation of the Lander St. roadway and the Burlington Northern mainline railroad tracks between 1st Ave. S near the Starbucks Center and 4th Ave. S. Previously, City staff evaluated traffic conditions and identified an initial design concept. During the preliminary engineering phase of the project, a consultant is conducting a Type, Size and Location (TS&L) study to develop more detailed plans and cost estimates. Due to the failure of Referendum 51 in the November 2002 election, this project was put on hold until funds are identified.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
To Be Determined	0	0	0	0	9,800	18,400	14,500	0	42,700
Federal Grant Funds	100	0	0	0	0	0	0	0	100
State Gas Taxes - City Street Fund	125	0	0	0	0	0	0	0	125
Vehicle Licensing Fees	35	0	0	0	0	0	0	0	35
<b>Project Total:</b>	260	0	0	0	9,800	18,400	14,500	0	42,960
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	260	0	0	0	0	0	0	0	260
<b>Appropriations Total*</b>	260	0	0	0	0	0	0	0	260
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Sidewalk Safety Repair

**BCL/Program Name:** Street Maintenance **BCL/Program Code:** DOT-SM  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** TC365120 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This ongoing project rehabilitates sidewalks significantly damaged by City-owned trees or where there are serious safety concerns as evidenced by claims, service requests, and potential City liability.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	247	0	0	0	0	0	0	0	247
Real Estate Excise Tax II	0	325	333	0	0	0	0	0	658
To Be Determined	0	0	0	341	350	359	368	337	1,755
State Gas Taxes - City Street Fund	601	0	0	0	0	0	0	0	601
Vehicle Licensing Fees	36	34	0	0	0	0	0	0	70
<b>Project Total:</b>	884	359	333	341	350	359	368	337	3,331
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	247	0	0	0	0	0	0	0	247
Cumulative Reserve Subfund - REET II Subaccount	0	325	333	0	0	0	0	0	658
Transportation Operating Fund	637	34	0	0	0	0	0	0	671
<b>Appropriations Total*</b>	884	359	333	0	0	0	0	0	1,576
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		359	333	341	350	359	368	337	2,447

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# Transportation

## South Lake Union Streetcar

**BCL/Program Name:** Policy, Planning and Major Projects

**BCL/Program Code:** DOT-PPMP

**Project Type:** New Facility

**Start Date:** 1st Quarter 2003

**Project ID:** TC366260

**End Date:** 4th Quarter 2007

**Location:** Westlake Av/5th Av

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** South Lake Union

This project constructs a modern streetcar line serving downtown Seattle, Denny Triangle and South Lake Union. The purpose of the project is to provide local transit service, connect to the regional transit system, encourage economic development, and help create a vibrant, livable neighborhood. The southern end of the proposed route is approximately Westlake Avenue and Olive Way and the northern end of the proposed route is approximately Fairview and Yale Avenue N. A Local Improvement District will be formed to provide a portion of the project funding. As established in Ordinance 120411, the \$1.5 million of 2006 LTGO Bond funds is from South Lake Union property sale proceeds. In 2007, \$3.9 million of the To Be Determined (TBD) funding is anticipated to come from South Lake Union property sale proceeds as approved by Council in Ordinance 121850 for use on the streetcar project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
2006 LTGO Bond	0	0	1,500	0	0	0	0	0	1,500
Private Funding/Donations	0	0	25,000	0	0	0	0	0	25,000
To Be Determined	0	0	0	4,851	0	0	0	0	4,851
Development Proceeds	0	0	0	2,500	0	0	0	0	2,500
Federal Grant Funds	844	2,156	6,077	0	0	0	0	0	9,077
King County Funds	0	1,572	0	0	0	0	0	0	1,572
State Grant Funds	0	3,000	0	0	0	0	0	0	3,000
<b>Project Total:</b>	844	6,728	32,577	7,351	0	0	0	0	47,500
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	844	6,728	7,577	2,500	0	0	0	0	17,649
<b>Appropriations Total*</b>	844	6,728	7,577	2,500	0	0	0	0	17,649
<b>O &amp; M Costs (Savings)</b>			0	814	1,593	1,554	1,592	1,631	7,184
<b>Spending Plan</b>		3,825	32,577	10,254	0	0	0	0	46,656

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# Transportation

## South Park Bridge

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2001

**Project ID:** TC365780

**End Date:** 4th Quarter 2010

**Location:** 16th Ave. S/E Marginal Wy. S/S Cloverdale St.

**Neighborhood Plan:** South Park

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** Not in an 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 rehabilitation or replacement of the South Park Bridge, which is an opening bridge, located in unincorporated King County and the City of Tukwila. King County has lead responsibility for preparing the EIS and bridge construction. The City's involvement is related to annexation proposals that could ultimately result in City ownership and long-term maintenance of the bridge.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
State Gas Taxes - Arterial City Street Fund	92	300	100	175	300	300	85	0	1,352
State Gas Taxes - City Street Fund	13	0	0	0	0	0	0	0	13
<b>Project Total:</b>	105	300	100	175	300	300	85	0	1,365
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	105	300	100	175	300	300	85	0	1,365
<b>Appropriations Total*</b>	105	300	100	175	300	300	85	0	1,365
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		180	220	175	300	300	85	0	1,260

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# Transportation

## Spokane St. Viaduct

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 1994

**Project ID:** TC364800

**End Date:** 4th Quarter 2010

**Location:** S Spokane St./6th Ave. S - I5 NB Rp/E Marginal Wy. S

**Neighborhood Plan:** Morgan Junction (MOCA)

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** Duwamish

This project improves the safety of the Spokane Street Viaduct by building a new structure parallel and connected to the existing one, widening the existing viaduct by about 41 feet. This allows for wider travel lanes in both directions, the addition of shoulders, a wider median, and a westbound 'weave-lane.' In conjunction with the relocation of the on- and off- ramps from 4th to 1st Avenue South, these improvements make it easier for vehicles coming from I-5 to merge into the proper lane to exit the Spokane Viaduct. The project also includes an eastbound 4th Ave. off-ramp which facilitates bus connections to the E-3 Busway. The project will be constructed in a minimum of two phases. Phase 1 will construct from just east of 1st Avenue South west to the terminus at the Harbor Island off-ramps and will include construction of the new ramps at 1st Avenue S. Phase 2 will extend the widened structure to the I-5 interchange, the eastern terminus of the project. The 4th Ave. off-ramp will either be constructed as part of Phase 2, if funding allows, or as Phase 3 of the project. In November 2006, a public vote is expected on the Regional Transportation Improvement District funding package that is anticipated to include dollars for this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,112	0	352	0	0	0	0	0	1,464
Drainage and Wastewater Rates	1	0	0	1,550	0	0	0	0	1,551
City Light Fund Revenues	52	314	0	0	0	0	0	0	366
Federal Grant Funds	9,049	2,473	13,278	5,775	0	0	0	0	30,575
General Subfund Revenues	3,890	0	0	0	0	0	0	0	3,890
Port of Seattle Funds	0	0	1,700	1,700	0	0	0	0	3,400
Private Funding/Donations	0	0	0	0	0	2,250	0	0	2,250
Public Works Trust Fund Proceeds	456	0	0	0	0	0	0	0	456
Regional Transportation Investment District Funds	0	0	0	30,475	41,100	25,950	58	0	97,583
State Gas Taxes - Arterial City Street Fund	401	0	0	0	0	0	0	0	401
State Gas Taxes - City Street Fund	16	183	0	0	0	0	0	0	199
State Grant Funds	750	0	0	0	0	0	0	0	750
<b>Project Total:</b>	<b>15,727</b>	<b>2,970</b>	<b>15,330</b>	<b>39,500</b>	<b>41,100</b>	<b>28,200</b>	<b>58</b>	<b>0</b>	<b>142,885</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	1,112	0	352	0	0	0	0	0	1,464
Transportation Operating Fund	14,615	2,970	14,978	39,500	41,100	28,200	58	0	141,421
<b>Appropriations Total*</b>	<b>15,727</b>	<b>2,970</b>	<b>15,330</b>	<b>39,500</b>	<b>41,100</b>	<b>28,200</b>	<b>58</b>	<b>0</b>	<b>142,885</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## SR-519

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** New Facility

**Start Date:** 2nd Quarter 1996

**Project ID:** TC365020

**End Date:** 4th Quarter 2006

**Location:** 1st Ave. S/S King St/S Atlantic St

**Neighborhood Plan:** Duwamish

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This joint effort by the City, Washington State Department of Transportation (WSDOT), King County, the Port of Seattle, Burlington Northern Santa Fe (BNSF), First & Goal, and the Baseball Public Facility District addresses growing congestion in the South Downtown area. A \$5 million Transportation Improvement Board grant funds moving existing railroad tracks west, as well as street reconstruction to allow waterfront traffic to bypass the majority of the rail-switching tracks. A truck-only access road will be built between Terminal 46 and the BNSF Inter-modal yard to improve freight movement. Project design integrates with Alaskan Way Viaduct and Port of Seattle Terminal 46 redevelopment. The City has completed design of the project and construction began on March 28, 2005. Construction duration of 14 months is anticipated. On November 4, 2004, 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
2003 LTGO Bond	0	0	0	0	0	0	0	0	0
General Obligation Bonds	2,512	348	0	0	0	0	0	0	2,860
2005 LTGO Bond	0	2,548	925	0	0	0	0	0	3,473
Drainage and Wastewater Rates	50	0	0	0	0	0	0	0	50
General Obligation Bonds	789	0	0	0	0	0	0	0	789
Federal Grant Funds	0	0	0	0	0	0	0	0	0
General Subfund Revenues	52	52	0	0	0	0	0	0	104
King County Funds	750	0	0	0	0	0	0	0	750
Port of Seattle Funds	0	50	0	0	0	0	0	0	50
Private Funding/Donations	0	600	0	0	0	0	0	0	600
State Gas Taxes - Arterial City Street Fund	297	708	0	0	0	0	0	0	1,005
State Gas Taxes - City Street Fund	0	227	0	0	0	0	0	0	227
State Grant Funds	469	5,310	0	0	0	0	0	0	5,779
Vehicle Licensing Fees	121	132	0	0	0	0	0	0	253
<b>Project Total:</b>	<b>5,040</b>	<b>9,975</b>	<b>925</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,940</b>
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	4,251	9,975	925	0	0	0	0	0	15,151
<b>Appropriations Total*</b>	<b>4,251</b>	<b>9,975</b>	<b>925</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,151</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2006-2011 Proposed Capital Improvement Program**

# Transportation

## SR-520 Project

**BCL/Program Name:** Policy, Planning and Major Projects

**BCL/Program Code:** DOT-PPMP

**Project Type:** New Investment

**Start Date:** 1st Quarter 2002

**Project ID:** TC365880

**End Date:** 4th Quarter 2018

**Location:** SR520/Montlake Bv E/I5 NB On Rp

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project (listed in the 2005-2010 Adopted CIP as the Trans-Lake Washington Project) provides policy, planning and technical analysis support to the SDOT Director and elected officials to review and comment on the Environmental Impact Statement (EIS) and the design for SR-520. The regional project may include replacement of the SR-520 bridge with a four or six lane bridge, new freeway interchanges at Montlake Boulevard, Lake Washington Boulevard, and other improvements.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	54	0	0	0	0	0	54
Street Vacations	8	46	0	0	0	0	0	0	54
State Gas Taxes - Arterial City Street Fund	0	100	0	0	0	0	0	0	100
State Gas Taxes - City Street Fund	148	2	0	0	0	0	0	0	150
State Grant Funds	0	250	0	0	0	0	0	0	250
Vehicle Licensing Fees	60	0	0	0	0	0	0	0	60
<b>Project Total:</b>	216	398	54	0	0	0	0	0	668
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	54	0	0	0	0	0	54
Cumulative Reserve Subfund - Street Vacation Subaccount	8	46	0	0	0	0	0	0	54
Transportation Operating Fund	208	352	0	0	0	0	0	0	560
<b>Appropriations Total*</b>	216	398	54	0	0	0	0	0	668
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Stairway Rehabilitation Program

**BCL/Program Name:** Bridges and Structures  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** TC366590

**BCL/Program Code:** DOT-BS  
**Start Date:** 1st Quarter 2006  
**End Date:** 4th Quarter 2006

**Location:**

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** In more than one District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** In more than one Urban Village

This program rebuilds older existing stairways that were typically constructed with concrete slabs and timber rails. Rebuilding involves removal, replacement and re-adjustment of the concrete slabs used for treads and landings, and the installation of new handrail posts and handrails. The improvements also include the rehabilitation of short sections of pathways that typically connect stairways to the street system by adding handrails to them.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	375	0	0	0	0	0	375
<b>Project Total:</b>	0	0	375	0	0	0	0	0	375
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	0	375	0	0	0	0	0	375
<b>Appropriations Total*</b>	0	0	375	0	0	0	0	0	375
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## Swiftsure Lightship Restoration

**BCL/Program Name:** Policy, Planning and Major Projects

**BCL/Program Code:** DOT-PPMP

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2004

**Project ID:** TC366180

**End Date:** 4th Quarter 2006

**Location:** 1918 1st Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Lake Union

**Urban Village:** South Lake Union

This project restores the historic Swiftsure Lightship, which is to be one of the major exhibits at the Maritime Heritage Center on South Lake Union. The \$583,337 grant from the Federal Transportation Enhancement Program funds work on the decks, superstructures, and the interior. SDOT is administering work to be managed by the Northwest Seaport, a non-profit organization that owns the ship. The Seaport is also providing a local match of \$91,047. An agreement is to be signed between the Northwest Seaport and SDOT establishing the requirements for managing the federal funds. Until the agreement is in place, the grant funding will not be obligated and no dollars will be spent.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	0	583	0	0	0	0	0	0	583
<b>Project Total:</b>	0	583	0	0	0	0	0	0	583
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	583	0	0	0	0	0	0	583
<b>Appropriations Total*</b>	0	583	0	0	0	0	0	0	583
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		200	383	0	0	0	0	0	583

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# Transportation

## Tree Replacement Program

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2006

**Project ID:** TC366610

**End Date:** Ongoing

**Location:**

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Not in an Urban Village

This program will replace trees removed from park properties, and will be replanted in the street right-of-way. The project will remove any existing trees, stumps and roots, purchase new trees and other planting materials, and maintain them during the establishment period, which is essential to the survival of the trees. First priority will be given to replanting in the downtown business core areas close to Freeway Park and Occidental Park, but may extend to the larger downtown area. There will be a transfer of \$49,000 from the Parks Department for installation of the trees associated with Freeway Park.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Subfund Revenues	0	0	87	0	0	0	0	0	87
Interdepartmental Transfer	0	0	49	0	0	0	0	0	49
<b>Project Total:</b>	0	0	136	0	0	0	0	0	136
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	136	0	0	0	0	0	136
<b>Appropriations Total*</b>	0	0	136	0	0	0	0	0	136
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Transportation

## University Way Multi-Modal Improvements

**BCL/Program Name:** Capital Projects Management

**BCL/Program Code:** DOT-CPM

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 1998

**Project ID:** TC365420

**End Date:** 2nd Quarter 2006

**Location:** University Wy. NE/NE Campus Pkwy./NE 50th St.

**Neighborhood Plan:** University

**Neighborhood Plan Matrix:** B5

**Neighborhood District:** Northeast

**Urban Village:** University District

This project constructs pedestrian and transit improvements along University Way NE, between approximately NE 50th St. and NE Campus Parkway. Improvements include new and wider sidewalks, new roadway surfaces, new lighting and signal systems including pedestrian level lighting, bus curb bulbs, landscaping upgrades, and urban design and art enhancements. Limited Tax General Obligation bonds were used to provide early implementation funds for this project in anticipation of a \$3 million federal grant that was reimbursed.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	1,208	41	0	0	0	0	0	0	1,249
Water Rates	368	0	0	0	0	0	0	0	368
City Light Fund Revenues	1,073	0	0	0	0	0	0	0	1,073
Federal Grant Funds	4,091	0	0	0	0	0	0	0	4,091
King County Funds	330	0	0	0	0	0	0	0	330
State Gas Taxes - Arterial City Street Fund	77	15	0	0	0	0	0	0	92
State Grant Funds	341	0	0	0	0	0	0	0	341
<b>Project Total:</b>	<b>7,488</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,544</b>
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	7,488	56	0	0	0	0	0	0	7,544
<b>Appropriations Total*</b>	<b>7,488</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,544</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		46	10	0	0	0	0	0	56

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

**2006-2011 Proposed Capital Improvement Program**

# Transportation

## Urban Center Wayfinding

**BCL/Program Name:** Policy, Planning and Major Projects

**BCL/Program Code:** DOT-PPMP

**Project Type:** New Facility

**Start Date:** 1st Quarter 2000

**Project ID:** TC365710

**End Date:** 1st Quarter 2006

**Location:** Various

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Downtown

**Urban Village:** In more than one Urban Village

This project develops schematic designs and locations for vehicular and pedestrian directional signs, transit signage, information kiosks, neighborhood orientation maps, and street identification signs in downtown Seattle.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	117	143	0	0	0	0	0	0	260
General Subfund Revenues	49	33	0	0	0	0	0	0	82
King County Funds	0	20	0	0	0	0	0	0	20
Private Funding/Donations	0	10	0	0	0	0	0	0	10
State Gas Taxes - Arterial City Street Fund	15	0	0	0	0	0	0	0	15
State Gas Taxes - City Street Fund	0	25	0	0	0	0	0	0	25
State Grant Funds	0	10	0	0	0	0	0	0	10
<b>Project Total:</b>	181	241	0	0	0	0	0	0	422
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	181	241	0	0	0	0	0	0	422
<b>Appropriations Total*</b>	181	241	0	0	0	0	0	0	422
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		233	8	0	0	0	0	0	241

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

# Transportation

## West Seattle Lower Bridge Repair

**BCL/Program Name:** Bridges and Structures  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** TC366520

**BCL/Program Code:** DOT-BS  
**Start Date:** 1st Quarter 2005  
**End Date:** 4th Quarter 2005

**Location:** West Seattle Lower Level Bridge

**Neighborhood Plan:** West Seattle Junction (FOJ)

**Neighborhood Plan Matrix:** L-2

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project repairs the traffic safety gate on the low level West Seattle Bridge. On March 9, 2005, a motorist drove through the safety gate and off the bridge to the ground below. The gate was destroyed and the accident was fatal. The Roadway Structures crew made an emergency repair and replaced the gate. The City is pursuing insurance reimbursement to reimburse the Cumulative Reserve Subfund funding shown below. In 2005, Ordinance 121882 appropriated \$87,000 in REET II funds to pay for the bridge repair. This supplemental appropriation is reflected in the fund table below.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	87	0	0	0	0	0	0	87
<b>Project Total:</b>	0	87	0	0	0	0	0	0	87
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET II Subaccount	0	87	0	0	0	0	0	0	87
<b>Appropriations Total*</b>	0	87	0	0	0	0	0	0	87
<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 in thousands of dollars.*

## Overview of Facilities and Programs

Seattle City Light (City Light) is a municipal electric utility, owned by the residents of Seattle and operated by a department of City government. 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, Seattle owns, and City Light 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 major 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 almost 350,000 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 assure that the facilities required to serve City Light customers with low-cost, reliable power are in place when and where the power is requested.

Several major transportation projects in Seattle are scheduled to make unprecedented demands on City Light's resources in the next few years. Security concerns also have increased. City Light's 2006-2011 Proposed CIP reflects increases in planned spending to address these demands.

The funds shown in this document are expressed as total project costs, including both direct costs and overhead costs commonly referred to as "loadings." Most of the direct project costs for the projects within a given CIP program (such as the Customer Services & Energy Delivery – CIP Program) are budgeted in the applicable budget control level (in this case, the Customer Services & Energy Delivery – CIP BCL). As is the case with the direct costs, the project overhead costs included in this CIP are included in SCL's operating budget, but not necessarily in the budget control level where the bulk of the direct cost of the project is incurred. It should be noted that in the 2006 Proposed Budget, City Light's CIP budget control levels and programs have been revised to reflect the utility-wide reorganization announced by the utility's superintendent in December, 2004. The CIP highlights that follow describe the proposed CIP in terms of these newly delineated lines of business.

## Highlights

- ◆ In 2006, \$113 million allocated for the Customer Services & Energy Delivery – CIP Budget Control Level provides funding for utility design work and relocations supporting the Sound Transit light rail system and the Alaskan Way Viaduct; resources to connect new customers and perform major maintenance on the transmission and distribution system throughout the City Light service area; and costs for underground design and relocation work for franchise customers in Shoreline and Burien. Work continues on rehabilitating the downtown network and ensuring reliable service for all City Light customers. Forty-four capital projects are pursued in support of the Utility's Customer Services & Energy Delivery functions.
- ◆ The \$10 million allocated for the Financial Services – CIP Budget Control Level includes program expenditures for four continuing information technology projects: Consolidated Customer Service System, Information Technology Infrastructure, Information Technology Projects, and Mapping System for Non-Network Areas.
- ◆ The \$31 million allocated for the Power Supply and Environmental Affairs – CIP Budget Control Level includes costs for generation, facilities management, environmental affairs, and vehicle replacement projects.

In 2006, this program includes 68 active projects, of which 55 are multi-year projects continuing from 2005. This program includes \$5.7 million for rebuilding two generators at the Ross hydroelectric facility, and \$5.5 million for projects to restore major equipment, auxiliary systems, and support features at the Boundary Dam. Approximately \$1.8 million is provided for facilities management projects that preserve and improve buildings and the physical plant. Approximately \$900,000 is provided for environmental affairs projects including the capital portions of license-required mitigation expenses on the Skagit and Tolt Rivers, which enable the City to meet its commitments for habitat protection and restoration for Chinook salmon under the Endangered Species Act (ESA). Funding for vehicle replacements is \$4.4 million.

## Project Selection Process

In making capital investments in its infrastructure, the City tries to balance three goals:

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

City Light also has a fourth goal for new investment: to maximize the productive use of technology.

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

**Project Identification:** City Light staff throughout the Utility identify potential projects using several criteria, including economic, environmental impact, reliability, customer service, regulations, and safety. Existing strategic plans are a primary source of capital projects. Staff working in the field also provides input based on their understanding of customer demands. A master list of projects is then developed in the capital budgeting system.

**Project Selection:** To refine the list of projects meeting the criteria listed above, City Light management and staff, with the help of the Department of Finance, evaluates 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 revenue.

**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 cross-check projects against Mayor and Council priorities.

## CIP Programs

City Light's Capital Improvement Program consists of the capital budgets of its lines of business and the overhead costs associated with their projects. A detailed list of all projects in City Light's CIP, grouped in their newly-defined programs, follows this overview. The dollar figures reflected in this CIP document represent fully loaded project costs.

**Customer Services & Energy Delivery – CIP:** This program supports fundamental electric utility service. It covers design, construction, and major maintenance of the distribution system. This system includes 14 principal substations, 650 miles of high-voltage transmission lines, 1,800 miles of overhead feeder circuits, 600 miles of underground feeder cables, 53,000 transformers, and 100,000 poles. The program includes an array of projects spanning six major areas: services, capacity, reliability, interagency, streetlights, and ancillary infrastructure.

**Financial Services – CIP:** This program consists of Information Technology projects. These projects provide modern and efficient information systems and related services to meet City Light's business objectives.

**Power Supply and Environmental Affairs – CIP:** This program consists of generation, facilities management, environmental affairs, and vehicle replacement projects.

Generation projects improve and enhance Seattle’s hydroelectric generating facilities. These facilities include seven major plants on the Skagit, Pend Oreille, Cedar, and Tolt Rivers, which, on average, meet 70% of Seattle’s annual electrical power demands. The remainder comes from long-term contracts and spot-market purchases.

Facilities management projects keep City Light’s buildings and grounds functional, safe, and up-to-date. City Light owns 1.4 million square feet of building space in four counties with an aggregate value of approximately \$525 million. These include service centers, substations, switchgear buildings, training centers, communications buildings, office buildings, warehouses, construction and maintenance shops, garages, remote employee housing, and tourist facilities.

Environmental affairs projects mitigate the environmental effects of City Light’s hydroelectric projects, meeting the City’s commitments to provide wildlife habitat protection and restoration and providing utility-wide safety improvements. Projects include purchasing and setting aside critical habitat for wildlife in the Skagit and Nooksack river basins; constructing additional salmon spawning and rearing areas; and acquiring and restoring habitat for threatened Chinook salmon.

The vehicle replacement project replaces cars, trucks and other vehicles used by City Light crews.

## **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).

## **City Light’s CIP Project Summary Table**

The values in the Project Summary Table on the following pages consist of the value of the allocation to a specific project from the appropriation for a CIP budget control level in City Light’s 2006 Proposed Budget, plus the sum of estimated overhead additions (indirect costs) to the project’s allocation.

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Customer Services &amp; Energy Delivery - CIP</b>						<b>BCL/Program Code:</b>				SCL350
Alaskan Way Viaduct - City Light	8307	218	1,362	1,458	0	0	0	0	0	<b>3,038</b>
Broad Street Substation Networks	8203	27,535	4,411	4,387	5,008	5,154	5,264	5,380	5,489	<b>62,628</b>
Burien Undergrounding - 1st Ave South Phase I	8321	0	2,040	1,297	4,931	1,275	0	0	0	<b>9,543</b>
Central Arterial Streetlights Major Maintenance	8212	2,892	770	757	841	865	884	904	922	<b>8,835</b>
Communications Improvements	9009	7,325	248	300	219	222	226	231	235	<b>9,006</b>
Dallas Ave. 26 kV Crossing	8322	0	914	0	0	0	0	0	0	<b>914</b>
Distribution Area Communications Networks	9307	5,045	744	638	712	725	739	755	770	<b>10,128</b>
First Hill Network	8301	2,556	922	718	1,187	1,225	1,252	1,280	1,306	<b>10,446</b>
Interbay Substation	7756	2,486	5	0	11,842	28,979	398	3	0	<b>43,713</b>
Massachusetts Street Substation Networks	8202	4,415	576	234	489	506	516	528	539	<b>7,803</b>
Meter Additions	8054	42,004	3,420	3,784	4,583	4,723	4,826	4,934	5,032	<b>73,306</b>
Network Additions and Services	8057	146,164	7,534	8,688	11,714	12,085	12,349	12,622	12,879	<b>224,035</b>
Network Hazeltine Upgrade	8129	1,391	593	577	349	355	362	369	377	<b>4,373</b>
Network Maintenance Hole and Vault Rebuild	8130	21,600	5,235	4,736	3,349	3,417	3,484	3,560	3,631	<b>49,012</b>
North 26kV Conversion	8124	32,691	0	0	1,590	1,658	1,698	1,740	1,773	<b>41,150</b>
North Arterial Streetlights Major Maintenance	8211	89	208	213	226	233	238	244	248	<b>1,699</b>
North Capacity Additions	8122	88,140	11,756	10,079	11,404	11,732	11,981	12,245	12,493	<b>169,830</b>
North New Street and Flood Lighting	8134	769	472	96	74	77	78	80	82	<b>1,728</b>
North Outage Replacements	8302	929	911	940	132	124	124	126	128	<b>3,414</b>
North Relocations	8304	5,707	796	3,166	1,704	1,735	1,768	1,807	1,842	<b>18,525</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Customer Services &amp; Energy Delivery - CIP</b>						<b>BCL/Program Code:</b>				SCL350
North Residential Streetlight Improvements	8136	1,951	76	78	4	5	5	5	5	<b>2,129</b>
North Services - Overhead and Underground	8120	67,959	9,138	9,173	8,576	8,803	8,984	9,180	9,366	<b>131,179</b>
Power Stations Demand Driven Improvements	7755	4,882	130	64	1,277	1,269	1,299	1,327	1,356	<b>11,604</b>
Relaying Improvements	7753	1,245	1,141	1,229	2,386	1,133	1,140	1,161	1,184	<b>10,619</b>
Seattle Monorail Project - City Light	8306	252	5,926	0	0	0	0	0	0	<b>6,178</b>
Security Improvements	9202	0	1,539	1,587	1,765	1,144	565	0	0	<b>6,600</b>
Shoreline Undergrounding: North City and Aurora Avenue North	8320	0	4,637	2,010	0	0	0	0	0	<b>6,647</b>
Sound Transit Light Rail - City Light	8204	8,807	11,952	14,153	11,159	3,604	2,027	1,555	999	<b>54,256</b>
South 26 kV Conversion	8125	26,878	373	333	1,279	1,329	1,360	1,390	1,419	<b>34,361</b>
South Arterial Streetlights Major Maintenance	8210	356	250	231	220	226	230	235	240	<b>1,988</b>
South Capacity Additions	8123	98,172	6,616	7,021	7,388	7,592	7,752	7,924	8,082	<b>150,547</b>
South Lake Union - Roy Street Property	8309	423	5,184	0	0	0	0	0	0	<b>5,607</b>
South Lake Union Streetcar - City Light	8330	0	0	1,240	932	0	0	0	0	<b>2,172</b>
South Lake Union Substation Development	7757	0	0	3,467	0	0	22,278	23,082	24,021	<b>72,848</b>
South New Street and Flood Lighting	8133	2,315	213	204	219	224	229	234	238	<b>3,876</b>
South Outage Replacements	8303	1,345	1,430	1,329	1,254	1,288	1,314	1,342	1,370	<b>10,672</b>
South Relocations	8305	7,867	6,065	6,807	8,031	7,749	7,908	8,080	8,244	<b>60,751</b>
South Residential Streetlight Improvements	8135	1,667	167	162	190	196	200	204	208	<b>2,994</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total	
<b>Customer Services &amp; Energy Delivery - CIP</b>			<b>BCL/Program Code:</b>							SCL350	
South Services - Overhead and Underground	8121	57,962	5,333	5,227	5,000	5,132	5,237	5,351	5,460	<b>94,702</b>	
Special Work Equipment - Other Plant	9102	18,002	607	388	566	584	597	612	623	<b>21,979</b>	
Special Work Equipment - Substation Plant	7902	1,334	158	79	119	123	126	129	132	<b>2,200</b>	
Substation Capacity Additions	7751	3,759	1,380	1,453	2,828	2,864	2,174	2,691	2,588	<b>19,737</b>	
Substation Equipment Improvements	7752	18,567	4,729	3,861	6,050	5,439	4,597	4,405	4,425	<b>52,073</b>	
Substation Plant Improvements	7750	1,092	2,397	2,329	1,877	1,921	1,962	2,006	2,045	<b>15,629</b>	
Transmission & Generation Radio Systems	9108	4,903	1,350	1,480	1,653	1,694	1,729	1,770	1,803	<b>16,382</b>	
Transmission Capacity	7011	5,849	791	745	505	515	525	536	547	<b>10,013</b>	
Transmission Inter-Agency	7105	333	196	200	186	191	195	199	203	<b>1,703</b>	
Transmission Reliability	7104	267	2,938	4,481	5,319	5,475	5,603	5,733	5,843	<b>35,659</b>	
Union Street Substation Networks	8201	15,674	757	1,665	344	336	339	345	352	<b>19,812</b>	
<b>Total for BCL Customer Services &amp; Energy Delivery - CIP</b>		<b>743,817</b>	<b>118,390</b>	<b>113,064</b>	<b>129,481</b>	<b>133,926</b>	<b>124,562</b>	<b>126,304</b>	<b>128,499</b>	<b>1,618,043</b>	

\*Amounts in thousands of dollars

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Financial Services - CIP</b>						<b>BCL/Program Code:</b>				SCL550
Complex Billing System	9932	0	1	0	0	0	0	0	0	1
Consolidated Customer Service System	9910	52,584	1,759	820	0	0	0	0	0	55,163
Disaster Recovery/Business Continuity	9925	394	1	0	0	0	0	0	0	395
Information Technology Infrastructure	9915	23,171	133	3,571	0	0	0	0	0	26,875
Information Technology Projects	9935	0	5,445	4,131	6,932	7,766	7,989	8,530	8,686	49,479
Mapping System for Non-Network Areas	9934	0	31	1,370	750	0	0	0	0	2,151
Performance Management and Budgeting System	9933	0	561	0	0	0	0	0	0	561
Work Process Management System	9927	6,858	448	0	0	0	0	0	0	7,306
<b>Total for BCL Financial Services - CIP</b>		<b>83,007</b>	<b>8,379</b>	<b>9,892</b>	<b>7,682</b>	<b>7,766</b>	<b>7,989</b>	<b>8,530</b>	<b>8,686</b>	<b>141,931</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Power Supply and Environmental Affairs - CIP</b>						<b>BCL/Program Code:</b>				SCL250
Boundary - Minor Improvements Program	6401	35	1,728	858	1,170	831	1,110	1,022	816	<b>7,570</b>
Boundary Autotransformer	7110	0	700	0	0	0	0	0	0	<b>700</b>
Boundary Dam - East Access Road Culvert-Drainage Provisions	6409	0	98	245	2	0	0	0	0	<b>345</b>
Boundary Dam - Elevator Improvements	6355	21	129	392	0	0	0	0	0	<b>542</b>
Boundary Dam - Emergency Lighting Improvements	6342	0	85	60	33	54	226	0	82	<b>540</b>
Boundary Dam - Forebay Recreation Area Improvements	6345	0	0	0	0	0	0	0	53	<b>53</b>
Boundary Dam - Headgate Hoist Room Upgrades	6408	0	0	211	96	72	0	0	0	<b>379</b>
Boundary Dam - Improve Lighting	6420	0	38	134	114	0	0	0	0	<b>286</b>
Boundary Dam - Install 36" Fill Line Bulkhead	6410	0	217	146	3	0	0	0	0	<b>366</b>
Boundary Dam - Powerhouse Elevator Improvements	6356	21	136	351	0	0	0	0	0	<b>508</b>
Boundary Dam - Safety Improvements	6161	12,199	54	0	0	0	0	0	0	<b>12,253</b>
Boundary Dam - Service Area Improvements	6347	55	452	704	191	193	88	211	53	<b>1,947</b>
Boundary Dam - Sluice Gate Protection, Spill Prevention	6431	0	385	80	0	0	0	0	0	<b>465</b>
Boundary Dam - Spillgate Hoist House Rehab & Oil Control	6349	0	309	71	568	0	0	0	0	<b>948</b>
Boundary Dam - Tailrace Recreation Area Improvement	6346	0	0	0	0	0	0	0	242	<b>242</b>
Boundary Dam - Transformer Bay Rockfall Mitigation	6357	27	242	375	500	176	0	0	0	<b>1,320</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Power Supply and Environmental Affairs - CIP</b>						<b>BCL/Program Code:</b>				SCL250
Boundary Dam - Trashrack & Trashrake Improvements	6338	1	0	0	0	0	0	144	1,616	1,761
Boundary Dam - Unit 51 Generator Rebuild	6351	0	0	0	0	0	0	6,578	867	7,445
Boundary Dam - Unit 53 Generator Rebuild	6352	0	0	0	0	0	0	0	6,746	6,746
Boundary Dam - Unit 55 Generator Rebuild	6303	0	0	0	6,185	840	84	0	0	7,109
Boundary Dam - Unit 56 Generator Rebuild	6354	0	0	0	0	0	6,419	846	0	7,265
Boundary Dam - Units 51-54 Turbine Pit Cranes	6350	0	0	0	0	0	0	124	0	124
Boundary Dam - Units 51-56 Control Board Upgrade	6343	0	0	162	1,366	282	0	0	0	1,810
Boundary Dam - Units 51-56 Penstock Flow Monitoring	6383	0	0	0	415	0	0	0	0	415
Boundary Facilities - Fall Protection & Ladder Upgrades	6430	0	0	0	248	15	0	0	0	263
Boundary Facility - Electrical System Upgrades	6432	0	0	0	330	57	237	351	82	1,057
Boundary Facility - Improve Radio Systems	6412	0	217	836	0	0	0	0	0	1,053
Boundary Mucking Tunnel Drip Shields	6407	0	0	0	244	0	0	0	0	244
Boundary Powerhouse - Network Control System Implementation	6344	345	699	151	0	0	0	0	0	1,195
Boundary Powerhouse - Replace Transformer Disconnect Switch	6411	1	59	381	0	0	0	0	0	441
Boundary Powerhouse - Unit 55/56 Intake Gate Rock Guard Inst	6341	2	267	76	0	0	0	0	0	345

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Power Supply and Environmental Affairs - CIP</b>						<b>BCL/Program Code:</b>				SCL250
Boundary Powerhouse - Units 51-56 Governor Controls Upgrade	6340	626	1,367	320	0	0	0	0	0	<b>2,313</b>
Boundary Vista House Recreation Area Improvements	6384	0	0	0	0	0	0	0	80	<b>80</b>
Building Envelope Upgrades	9072	5,849	35	193	107	109	112	115	116	<b>6,636</b>
Cedar Falls - Intake Gate Replacement	6171	6,640	221	312	84	0	0	0	0	<b>7,257</b>
Cedar Falls - Rehab/Reline Penstocks	6358	0	0	0	47	2,690	0	0	0	<b>2,737</b>
Cedar Falls Powerhouse - DC Station Service Upgrade	6331	0	0	0	118	32	0	0	0	<b>150</b>
Cedar Falls Valvehouse Rehabilitation	6324	0	0	0	0	0	0	362	0	<b>362</b>
Cedar Falls/South Fork Tolt - Minor Improvements Program	6406	0	226	605	80	81	84	85	88	<b>1,249</b>
Dam Safety Program	6389	0	124	126	136	139	143	145	0	<b>813</b>
Diablo - Minor Improvements Program	6403	0	573	499	1,159	852	1,149	1,052	884	<b>6,168</b>
Diablo Dam Spillgate Control Improvements	6238	97	243	24	0	0	0	0	0	<b>364</b>
Diablo Powerhouse - 240kV Bus Tap for Station Service	6413	0	80	84	0	1,179	586	0	0	<b>1,929</b>
Diablo Powerhouse - Butterfly Valves Rehabilitation	6418	0	0	0	0	39	701	0	0	<b>740</b>
Diablo Powerhouse - DC Lighting Systems Upgrade	6365	0	0	0	234	65	0	0	0	<b>299</b>
Diablo Powerhouse - Install Remote Control Load Interruptors	6417	0	84	202	4	0	0	0	0	<b>290</b>
Diablo Powerhouse - Rebuild Generator Unit	6422	0	0	0	0	7	5,052	1,146	0	<b>6,205</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Power Supply and Environmental Affairs - CIP</b>						<b>BCL/Program Code:</b>				SCL250
Diablo Powerhouse - Rebuild Generator Unit 32	6423	0	0	0	0	0	0	0	5,270	<b>5,270</b>
Diablo Powerhouse - Replace 5 kV Switchgear	6364	0	59	303	217	303	8	0	0	<b>890</b>
Diablo Powerhouse - Replace Units 31-32 Governors	6366	0	0	0	72	437	552	144	0	<b>1,205</b>
Diablo Powerhouse - Units 31-32 Current-Voltage Instruments	6416	0	106	0	0	0	165	33	0	<b>304</b>
Diablo Powerhouse - Upgrade Units 31&32 Wicket Gate Bushings	6414	0	365	1	0	0	0	0	0	<b>366</b>
Diablo Sewer System Improvement	6232	1	0	0	0	212	715	0	0	<b>928</b>
Diablo Switchyard - Resurfacing	6361	0	51	219	20	0	0	0	0	<b>290</b>
Diablo Water System Improvements	6304	8	74	132	250	0	0	0	0	<b>464</b>
Endangered Species Act Mitigation	6990	4,336	1,609	724	621	749	769	788	802	<b>10,398</b>
Environmental Learning Center	6988	14,638	5,284	149	0	0	0	0	0	<b>20,071</b>
Environmental Safeguarding and Remediation of Facilities	9152	666	0	248	158	161	168	169	172	<b>1,742</b>
Facilities Infrastructure Improvements	9156	1,058	95	47	48	49	51	52	53	<b>1,453</b>
Facilities Regulatory Compliance	9151	8	0	62	64	66	67	69	71	<b>407</b>
Fire Protection Systems Modification	6166	1,512	380	450	344	297	111	0	0	<b>3,094</b>
Generation - Civil-Mechanical Modification	6005	9,751	870	51	0	0	0	0	0	<b>10,672</b>
Generation - Electrical Enhancements	6087	6,467	1,601	503	2	0	0	0	0	<b>8,573</b>
Gorge - Minor Improvements Program	6404	0	390	404	297	302	309	317	325	<b>2,344</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Power Supply and Environmental Affairs - CIP</b>						<b>BCL/Program Code:</b>				SCL250
Gorge Dam - Spillgate Control Improvements	6222	101	0	33	116	0	0	0	0	<b>250</b>
Gorge Dam - Spillgate Maintenance Bulkhead & Rehabilitation	6221	0	0	0	1,535	43	0	0	0	<b>1,578</b>
Gorge Powerhouse - 240 kV Oil-filled Circuit Breakers	6226	1,287	301	0	0	0	0	0	0	<b>1,588</b>
Gorge Powerhouse - Fire Protection Improvements	6326	0	0	0	0	0	0	138	356	<b>494</b>
Gorge Powerhouse - Programmable Logic Controllers	6369	0	18	0	21	0	0	0	0	<b>39</b>
Gorge Powerhouse - Transformer Bank 10 Replacement	6224	28	0	0	241	215	0	0	0	<b>484</b>
Gorge Powerhouse - Transformer Bank 22 Replacement	6370	219	2,167	0	0	0	0	0	0	<b>2,386</b>
Gorge Powerhouse - Transformer Bank 24 Replacement	6371	0	1,290	937	0	0	0	0	0	<b>2,227</b>
Gorge Powerhouse AC/DC System Upgrade & Cable Replacement	6207	764	65	271	384	368	0	0	0	<b>1,852</b>
Gorge Powerhouse Unit 24 Turbine Runner Replacement	6219	545	2,494	2,311	120	0	0	0	0	<b>5,470</b>
Gorge Switchyard - Resurfacing	6362	0	45	198	0	0	0	0	0	<b>243</b>
Hydro-Optimization Software	9931	0	510	0	0	0	0	0	0	<b>510</b>
Ladder Creek Garden Irrigation and Illumination	6234	7	127	461	0	0	0	0	0	<b>595</b>
Miscellaneous Building Improvements	9007	12,217	527	236	117	117	119	122	124	<b>13,579</b>
Newhalem - Gorge Inn Demolition & Mitigation	6425	0	0	0	29	327	0	0	0	<b>356</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Power Supply and Environmental Affairs - CIP</b>						<b>BCL/Program Code:</b>				SCL250
Newhalem - Improve Shop Facilities and Equipment	6424	0	0	0	128	156	170	149	0	<b>603</b>
Newhalem Creek Mitigation	6175	1,021	0	0	69	0	0	0	0	<b>1,090</b>
Newhalem Garage - Revisions	6231	0	0	0	0	190	276	0	0	<b>466</b>
Newhalem Powerhouse - Station Battery & Charger Replacement	6301	4	81	0	0	0	0	0	0	<b>85</b>
North and South Service Center Improvements	9107	22,110	227	315	171	184	0	233	541	<b>23,781</b>
Office Furniture and Equipment Purchase	9103	24,543	284	52	53	55	56	57	59	<b>25,159</b>
Physical Protection Systems for Facilities	9154	162	0	0	0	0	0	0	0	<b>162</b>
Ross - Minor Improvements Program	6402	0	452	247	439	413	346	353	362	<b>2,612</b>
Ross Dam - AC/DC Distribution System Upgrade	6373	0	62	147	563	155	0	0	0	<b>927</b>
Ross Powerhouse - Governors Replacement	6205	555	0	0	0	665	743	204	0	<b>2,167</b>
Ross Powerhouse - Programmable Language Controller Upgrade	6376	0	0	0	0	162	411	3	0	<b>576</b>
Ross Powerhouse - Replace Generator Breakers	6374	0	0	418	532	547	158	0	0	<b>1,655</b>
Ross Powerhouse - Replace Governor Oil Pumps	6377	0	0	121	21	204	40	0	0	<b>386</b>
Ross Powerhouse - Unit 41 Generator Rebuild	6382	0	0	0	0	4,825	1,426	0	0	<b>6,251</b>
Ross Powerhouse - Unit 42 Generator Rebuild	6379	3,773	2,036	0	0	0	0	0	0	<b>5,809</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Power Supply and Environmental Affairs - CIP</b>						<b>BCL/Program Code:</b>				SCL250
Ross Powerhouse - Unit 43 Generator Rebuild	6380	0	4,330	1,293	163	0	0	0	0	<b>5,786</b>
Ross Powerhouse - Unit 44 Generator Rebuild	6381	0	0	4,399	1,358	0	0	0	0	<b>5,757</b>
Safety Modifications	9006	3,153	110	111	203	209	215	220	224	<b>4,445</b>
Seismic Mitigation	9134	4,567	0	61	62	64	279	211	69	<b>5,313</b>
Skagit - Minor Improvements Program	6405	0	557	874	1,271	661	669	683	700	<b>5,415</b>
Skagit Facilities - Diablo Road Repaving	6428	0	0	0	415	143	0	0	0	<b>558</b>
Skagit Facilities - Radio System Improvements	6421	0	239	835	0	0	0	0	0	<b>1,074</b>
Skagit Facilities - Renovate Camp Housing	6426	0	0	219	310	78	0	0	0	<b>607</b>
Skagit Flood Damage Rebuilds	6397	759	219	0	0	0	0	0	0	<b>978</b>
Skagit Licensing Mitigation	6991	33,617	156	176	166	272	167	169	172	<b>34,895</b>
Skagit Plant Automation	6385	0	65	0	0	0	0	0	0	<b>65</b>
Skagit Powerhouses - Install Protection Relays	6415	0	198	164	123	29	0	0	0	<b>514</b>
Skagit Security Systems	6388	277	488	32	0	0	0	0	0	<b>797</b>
Special Work Equipment - Generation Plant	6102	7,381	615	410	416	426	433	446	454	<b>10,581</b>
Substation Comprehensive Improvements	9161	1,497	822	374	173	173	173	177	180	<b>3,569</b>
Tolt - Penstock Crossover Connection	6360	0	0	504	12	0	0	0	0	<b>516</b>
Tolt Powerhouse - Power Monitoring Equipment Upgrades	6323	0	0	0	0	95	0	0	0	<b>95</b>
Tolt Powerhouse - Storage & Safety Improvements	6322	0	0	0	0	0	0	144	0	<b>144</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Power Supply and Environmental Affairs - CIP</b>						<b>BCL/Program Code:</b>				SCL250
Tolt Powerhouse - Valve 25 Remote Operation Modification	6427	0	0	95	143	0	0	0	0	238
Vehicle Replacement	9101	37,384	4,451	4,385	5,419	5,581	5,707	5,848	5,952	74,727
Workplace and Process Improvement	9159	397	0	135	141	145	148	152	155	1,273
<b>Total for BCL Power Supply and Environmental Affairs - CIP</b>		<b>220,732</b>	<b>42,588</b>	<b>30,705</b>	<b>30,441</b>	<b>26,791</b>	<b>30,442</b>	<b>23,062</b>	<b>27,766</b>	<b>432,527</b>
<b>Department Total</b>		<b>1,047,556</b>	<b>169,357</b>	<b>153,661</b>	<b>167,604</b>	<b>168,483</b>	<b>162,993</b>	<b>157,896</b>	<b>164,951</b>	<b>2,192,501</b>

\*Amounts in thousands of dollars

**Fund Summary**

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
Seattle City Light Fund	1,047,556	169,357	153,661	167,604	168,483	162,993	157,896	164,951	<b>2,192,501</b>
<b>Department Total</b>	<b>1,047,556</b>	<b>169,357</b>	<b>153,661</b>	<b>167,604</b>	<b>168,483</b>	<b>162,993</b>	<b>157,896</b>	<b>164,951</b>	<b>2,192,501</b>

*\*Amounts in thousands of dollars*

**Alaskan Way Viaduct - City Light**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2002  
**Project ID:** 8307      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Alaskan Way Viaduct is part of State Route 99, which carries 25% of the north-south traffic through downtown Seattle and is a major truck route serving the city's industrial areas. The seawall supports the soils under Alaskan Way and the Viaduct. Both facilities were damaged in the February 28, 2001, Nisqually Earthquake. The Washington State Department of Transportation (WSDOT) and the City of Seattle are co-leads for the project. WSDOT, in conjunction with the Seattle Department of Transportation (SDOT), is conducting a plan and study for demolition and replacement or rebuild of the existing facility. The table below displays estimates of the costs of project related activity by City Light for 2006. Plans for the project and its budget for 2007 and beyond will be refined during the 2007-08 budget process. City Light has substantial critical transmission and distribution infrastructure along the approximately 4-mile project corridor, all of which must be relocated once or twice during the project. This project designs and constructs these relocations according to the preferred alternative and schedule. See also Alaskan Way Viaduct projects in Seattle Public Utilities and SDOT CIPs (SPU C404201 and SDOT TC36605).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	218	1,362	1,458	0	0	0	0	0	3,038
<b>Project Total:</b>	218	1,362	1,458	0	0	0	0	0	3,038
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	218	1,362	1,458	0	0	0	0	0	3,038
<b>Appropriations Total*</b>	218	1,362	1,458	0	0	0	0	0	3,038
<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 in thousands of dollars.*

**Boundary - Minor Improvements Program**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2004  
**Project ID:** 6401      **End Date:** 4th Quarter 2015

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project provides financing for unforeseeable, unscheduled capital work and/or for smaller capital projects with cost estimates of less than \$25,000. This project covers work specifically related to Boundary Facilities. Ordinance 121753 adopted in 2005 increased the allocation shown for this project in years 2005, 2006, and 2007.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	35	1,728	858	1,170	831	1,110	1,022	816	7,570
<b>Project Total:</b>	35	1,728	858	1,170	831	1,110	1,022	816	7,570
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	35	1,728	858	1,170	831	1,110	1,022	816	7,570
<b>Appropriations Total*</b>	35	1,728	858	1,170	831	1,110	1,022	816	7,570
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		1,728	858	1,060	940	1,110	1,022	817	7,535

**Boundary Autotransformer**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 7110      **End Date:** 3rd Quarter 2005

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project, in cooperation with Bonneville Power Administration (BPA) and Pend Oreille Public Utility District (PUD), installs a 230/115KV auto-transformer in the Boundary switchyard interconnecting to City Light's 115KV Boundary transmission tap line. City Light will share the costs in exchange for rights to use equipment owned by the BPA and the PUD.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	700	0	0	0	0	0	0	700
<b>Project Total:</b>	0	700	0	0	0	0	0	0	700
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	700	0	0	0	0	0	0	700
<b>Appropriations Total*</b>	0	700	0	0	0	0	0	0	700
<b>O &amp; M Costs (Savings)</b>			208	212	218	223	228	234	1,323

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

**Boundary Dam - East Access Road Culvert-Drainage Provisions**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6409      **End Date:** 1st Quarter 2007

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project issues a public works construction contract for design and implementation of improvements to the Boundary Dam East Access Road. It includes culvert installation(s), run-off control, resurfacing, hillside stabilization, and reconstruction where temporary repairs have failed.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	98	245	2	0	0	0	0	345
<b>Project Total:</b>	0	98	245	2	0	0	0	0	345
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	98	245	2	0	0	0	0	345
<b>Appropriations Total*</b>	0	98	245	2	0	0	0	0	345
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Dam - Elevator Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2003  
**Project ID:** 6355      **End Date:** 3rd Quarter 2006

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Boundary Dam - Elevator Improvements project purchases and installs upgrades to the elevator at Boundary Dam. The upgrades improve the elevator's reliability, increasing the ability to transport maintenance materials and expanding access to various levels at the dam.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	21	129	392	0	0	0	0	0	542
<b>Project Total:</b>	21	129	392	0	0	0	0	0	542
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	21	129	392	0	0	0	0	0	542
<b>Appropriations Total*</b>	21	129	392	0	0	0	0	0	542
<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 in thousands of dollars.*

**Boundary Dam - Emergency Lighting Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6342      **End Date:** 3rd Quarter 2011

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Boundary Dam - Emergency Lighting Improvements project replaces emergency lighting, corrects failed cable and wiring, and installs emergency lighting where it is inadequate or nonexistent throughout the Boundary facility.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	85	60	33	54	226	0	82	540
<b>Project Total:</b>	0	85	60	33	54	226	0	82	540
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	85	60	33	54	226	0	82	540
<b>Appropriations Total*</b>	0	85	60	33	54	226	0	82	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 in thousands of dollars.*

**Boundary Dam - Forebay Recreation Area Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2011  
**Project ID:** 6345      **End Date:** 3rd Quarter 2012

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

In the 1980s, when Units 55 and 56 were added to the Boundary Dam, 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 overall 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 September 11, 2001. 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	53	53
<b>Project Total:</b>	0	0	0	0	0	0	0	53	53
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	0	53	53
<b>Appropriations Total*</b>	0	0	0	0	0	0	0	53	53
<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 in thousands of dollars.*

**Boundary Dam - Headgate Hoist Room Upgrades**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2006  
**Project ID:** 6408      **End Date:** 3rd Quarter 2008

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project installs dehumidifying equipment, maintenance hoists, and safety platforms in the Boundary Head Gate Hoist Rooms to reduce frequency and duration of maintenance activities.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	211	96	72	0	0	0	379
<b>Project Total:</b>	0	0	211	96	72	0	0	0	379
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	211	96	72	0	0	0	379
<b>Appropriations Total*</b>	0	0	211	96	72	0	0	0	379
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Dam - Improve Lighting**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6420      **End Date:** 4th Quarter 2007

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	38	134	114	0	0	0	0	286
<b>Project Total:</b>	0	38	134	114	0	0	0	0	286
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	38	134	114	0	0	0	0	286
<b>Appropriations Total*</b>	0	38	134	114	0	0	0	0	286
<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 in thousands of dollars.*

**Boundary Dam - Install 36" Fill Line Bulkhead**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6410      **End Date:** 1st Quarter 2007

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project designs and installs a maintenance closure slide gate where a 36-inch pipe starts from the reservoir, to isolate the downstream 36-inch fill line piping and valve.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	217	146	3	0	0	0	0	366
<b>Project Total:</b>	0	217	146	3	0	0	0	0	366
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	217	146	3	0	0	0	0	366
<b>Appropriations Total*</b>	0	217	146	3	0	0	0	0	366
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Dam - Powerhouse Elevator Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2003  
**Project ID:** 6356      **End Date:** 4th Quarter 2006

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Boundary Dam - Powerhouse Elevator Improvements project purchases and installs upgrades to the dam powerhouse elevator. This project will improve the elevator's functionality and restore its reliability.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	21	136	351	0	0	0	0	0	508
<b>Project Total:</b>	21	136	351	0	0	0	0	0	508
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	21	136	351	0	0	0	0	0	508
<b>Appropriations Total*</b>	21	136	351	0	0	0	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 in thousands of dollars.*

**Boundary Dam - Safety Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1991  
**Project ID:** 6161      **End Date:** 1st Quarter 2005

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Boundary Dam - Safety Improvements project implements corrective actions mandated by the Federal Energy Regulatory Commission in 1990 to reduce dam failure risk. Items completed include drainage system provision, abutment stabilization, seismic protection, and monitoring systems. Work in 2005 consists of project close-out activities.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	12,199	54	0	0	0	0	0	0	12,253
<b>Project Total:</b>	12,199	54	0	0	0	0	0	0	12,253
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	12,199	54	0	0	0	0	0	0	12,253
<b>Appropriations Total*</b>	12,199	54	0	0	0	0	0	0	12,253
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Dam - Service Area Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2004  
**Project ID:** 6347      **End Date:** 3rd Quarter 2011

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Boundary Dam - Service Area Improvements project implements the conceptual design for service area improvements and an inventory control system at the Boundary Hydroelectric Facility. Ordinance 121753 adopted in 2005 reduced the allocation shown for this project in years 2005, 2006, 2007, and 2008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	55	452	704	191	193	88	211	53	1,947
<b>Project Total:</b>	55	452	704	191	193	88	211	53	1,947
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	55	452	704	191	193	88	211	53	1,947
<b>Appropriations Total*</b>	55	452	704	191	193	88	211	53	1,947
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		452	647	249	193	88	211	52	1,892

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

**Boundary Dam - Sluice Gate Protection, Spill Prevention**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6431      **End Date:** 2nd Quarter 2006

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	385	80	0	0	0	0	0	465
<b>Project Total:</b>	0	385	80	0	0	0	0	0	465
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	385	80	0	0	0	0	0	465
<b>Appropriations Total*</b>	0	385	80	0	0	0	0	0	465
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2004  
**Project ID:** 6349      **End Date:** 3rd Quarter 2007

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	309	71	568	0	0	0	0	948
<b>Project Total:</b>	0	309	71	568	0	0	0	0	948
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	309	71	568	0	0	0	0	948
<b>Appropriations Total*</b>	0	309	71	568	0	0	0	0	948
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Boundary Dam - Tailrace Recreation Area Improvement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2011  
**Project ID:** 6346      **End Date:** 3rd Quarter 2013

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

In the 1980s, when Units 55 and 56 were added to the Boundary Dam, 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 overall 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 September 11, 2001. 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	242	242
<b>Project Total:</b>	0	0	0	0	0	0	0	242	242
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	0	242	242
<b>Appropriations Total*</b>	0	0	0	0	0	0	0	242	242
<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 in thousands of dollars.*

**Boundary Dam - Transformer Bay Rockfall Mitigation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2003  
**Project ID:** 6357      **End Date:** 2nd Quarter 2008

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Boundary Dam - Transformer Bay Rockfall Mitigation project installs special rigging across the river from the transformer bays to allow re-conductoring between the transformer and the outriggers at the top of the cliff without exposing personnel to potential rockfalls. The project also funds replacement of Unit 55 conductors that were damaged by several rockfall incidents. Ordinance 121753 adopted in 2005 reduced the allocation shown for this project in years 2005 and 2006.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	27	242	375	500	176	0	0	0	1,320
<b>Project Total:</b>	27	242	375	500	176	0	0	0	1,320
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	27	242	375	500	176	0	0	0	1,320
<b>Appropriations Total*</b>	27	242	375	500	176	0	0	0	1,320
<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 in thousands of dollars.*

**Boundary Dam - Trashrack & Trashrake Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2003  
**Project ID:** 6338      **End Date:** 3rd Quarter 2011

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The trashrack (a fixed element that keeps debris out of a generator) was installed when the Boundary Dam was built. The trashrack prevents debris from going into the penstocks, and this project funds the addition of a trashrake, to remove debris accumulating in the trashrack. This project performs a thorough underwater inspection of the trashrack, identifying and implementing 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1	0	0	0	0	0	144	1,616	1,761
<b>Project Total:</b>	1	0	0	0	0	0	144	1,616	1,761
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1	0	0	0	0	0	144	1,616	1,761
<b>Appropriations Total*</b>	1	0	0	0	0	0	144	1,616	1,761
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Dam - Unit 51 Generator Rebuild**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2010  
**Project ID:** 6351      **End Date:** 4th Quarter 2011

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	6,578	867	7,445
<b>Project Total:</b>	0	0	0	0	0	0	6,578	867	7,445
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	6,578	867	7,445
<b>Appropriations Total*</b>	0	0	0	0	0	0	6,578	867	7,445
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	1,012	6,433	7,445

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

**Boundary Dam - Unit 53 Generator Rebuild**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2011  
**Project ID:** 6352      **End Date:** 4th Quarter 2012

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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. Included in the project is 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	6,746	6,746
<b>Project Total:</b>	0	0	0	0	0	0	0	6,746	6,746
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	0	6,746	6,746
<b>Appropriations Total*</b>	0	0	0	0	0	0	0	6,746	6,746
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	1,038	1,038

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

**Boundary Dam - Unit 55 Generator Rebuild**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6303      **End Date:** 1st Quarter 2009

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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) by the end of 2013. 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 a rotor-mounted scanner or other diagnostic equipment.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	6,185	840	84	0	0	7,109
<b>Project Total:</b>	0	0	0	6,185	840	84	0	0	7,109
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	6,185	840	84	0	0	7,109
<b>Appropriations Total*</b>	0	0	0	6,185	840	84	0	0	7,109
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	1,007	5,443	659	0	0	7,109

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

**Boundary Dam - Unit 56 Generator Rebuild**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2009  
**Project ID:** 6354      **End Date:** 4th Quarter 2010

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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 a rotor mounted scanner or other diagnostic equipment.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	6,419	846	0	7,265
<b>Project Total:</b>	0	0	0	0	0	6,419	846	0	7,265
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	6,419	846	0	7,265
<b>Appropriations Total*</b>	0	0	0	0	0	6,419	846	0	7,265
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	987	6,278	0	7,265

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

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

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2010  
**Project ID:** 6350      **End Date:** 4th Quarter 2010

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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. The new schedule has not yet been determined, but may occur earlier than 2010.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	124	0	124
<b>Project Total:</b>	0	0	0	0	0	0	124	0	124
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	124	0	124
<b>Appropriations Total*</b>	0	0	0	0	0	0	124	0	124
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Dam - Units 51-56 Control Board Upgrade**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2006  
**Project ID:** 6343      **End Date:** 3rd Quarter 2008

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Boundary Dam - Units 51-56 Control Board Upgrade project provides funding for a purchase and install 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	162	1,366	282	0	0	0	1,810
<b>Project Total:</b>	0	0	162	1,366	282	0	0	0	1,810
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	162	1,366	282	0	0	0	1,810
<b>Appropriations Total*</b>	0	0	162	1,366	282	0	0	0	1,810
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	162	1,256	392	0	0	0	1,810

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

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

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2007  
**Project ID:** 6383      **End Date:** 3rd Quarter 2007

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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. Ordinance 121753 adopted in 2005 reduced the allocation shown for this project in years 2005 and 2006, and increased the allocation shown for this project in year 2007.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	415	0	0	0	0	415
<b>Project Total:</b>	0	0	0	415	0	0	0	0	415
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	415	0	0	0	0	415
<b>Appropriations Total*</b>	0	0	0	415	0	0	0	0	415
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Facilities - Fall Protection & Ladder Upgrades**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6430      **End Date:** 2nd Quarter 2008

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project identifies and replaces ladders, stairs, handrails, etc., throughout the entire Boundary facility to comply with specifications of the Washington Administrative Code (WAC) for current fall protection and other safety requirements. Depending on the condition of the ladder or stairs in question, swing gates, handrails, landings and modified stair treads may be installed. If a ladder is not needed, it will be removed or otherwise disabled.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	248	15	0	0	0	263
<b>Project Total:</b>	0	0	0	248	15	0	0	0	263
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	248	15	0	0	0	263
<b>Appropriations Total*</b>	0	0	0	248	15	0	0	0	263
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**Boundary Facility - Electrical System Upgrades**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6432      **End Date:** 4th Quarter 2011

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project upgrades the electrical system/equipment at locations at the Boundary Dam site, including the Forebay bubbler compressor room, emergency generator building, Dam Access Tunnel, and Switchyard. The project also replaces the Control Room visual display (the "Mimic Bus").

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	330	57	237	351	82	1,057
<b>Project Total:</b>	0	0	0	330	57	237	351	82	1,057
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	330	57	237	351	82	1,057
<b>Appropriations Total*</b>	0	0	0	330	57	237	351	82	1,057
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Facility - Improve Radio Systems**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6412      **End Date:** 4th Quarter 2006

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project replaces the existing radio system, including installation of a new simulcast system to prevent the overlap of the existing signals, and installation of Radiax cable to provide radio coverage in areas where it is currently unavailable.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	217	836	0	0	0	0	0	1,053
<b>Project Total:</b>	0	217	836	0	0	0	0	0	1,053
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	217	836	0	0	0	0	0	1,053
<b>Appropriations Total*</b>	0	217	836	0	0	0	0	0	1,053
<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 in thousands of dollars.*

**Boundary Mucking Tunnel Drip Shields**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6407      **End Date:** 4th Quarter 2007

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project installs drip shields and/or awnings to control water drips and provide dry storage at the Boundary Facility.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	244	0	0	0	0	244
<b>Project Total:</b>	0	0	0	244	0	0	0	0	244
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	244	0	0	0	0	244
<b>Appropriations Total*</b>	0	0	0	244	0	0	0	0	244
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Powerhouse - Network Control System Implementation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2004  
**Project ID:** 6344      **End Date:** 3rd Quarter 2006

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Boundary Powerhouse - Network Control System Implementation project implements the conceptual design for a network-based control system at Boundary Dam. Security system improvements (installed separately) are designed to interface with this system. Ordinance 121753 adopted in 2005 increased the allocation shown for this project in years 2005 and 2006 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	345	699	151	0	0	0	0	0	1,195
<b>Project Total:</b>	345	699	151	0	0	0	0	0	1,195
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	345	699	151	0	0	0	0	0	1,195
<b>Appropriations Total*</b>	345	699	151	0	0	0	0	0	1,195
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Boundary Powerhouse - Replace Transformer Disconnect Switch**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2004  
**Project ID:** 6411      **End Date:** 4th Quarter 2006

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project replaces disconnect switches at Boundary Powerhouse Transformer Bank 155/156 to improve safety and prevent damage to generating equipment.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1	59	381	0	0	0	0	0	441
<b>Project Total:</b>	1	59	381	0	0	0	0	0	441
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1	59	381	0	0	0	0	0	441
<b>Appropriations Total*</b>	1	59	381	0	0	0	0	0	441
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Boundary Powerhouse - Unit 55/56 Intake Gate Rock Guard Inst**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2004  
**Project ID:** 6341      **End Date:** 2nd Quarter 2006

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Boundary Powerhouse Unit 55/56 Intake Gate Rock Guard Installation project installs rock traps for Units 55 and 56 at the forebay end of their penstocks, a conduit or pipe for conducting water.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2	267	76	0	0	0	0	0	345
<b>Project Total:</b>	2	267	76	0	0	0	0	0	345
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	2	267	76	0	0	0	0	0	345
<b>Appropriations Total*</b>	2	267	76	0	0	0	0	0	345
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## Boundary Powerhouse - Units 51-56 Governor Controls Upgrade

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2004  
**Project ID:** 6340      **End Date:** 3rd Quarter 2006

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project purchases a programmable logic controller based governor control upgrade package for Units 51-56 and new distributing valves for Units 51-54, and installs the equipment, including its interface with new and existing unit control systems. Ordinance 121753 adopted in 2005 increased the allocation shown for this project in years 2005 and 2006 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	626	1,367	320	0	0	0	0	0	2,313
<b>Project Total:</b>	626	1,367	320	0	0	0	0	0	2,313
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	626	1,367	320	0	0	0	0	0	2,313
<b>Appropriations Total*</b>	626	1,367	320	0	0	0	0	0	2,313
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Boundary Vista House Recreation Area Improvements

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2011  
**Project ID:** 6384      **End Date:** 4th Quarter 2012

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

City Light plans to clarify with Federal Energy Regulatory Commission (FERC) whether or not further work is necessary in the Vista House Recreation Area prior to re-licensing negotiations. If work is required, this project implements the conceptual plan developed during the Boundary Rehabilitation Project. If the work is not required, City Light intends to reprioritize its work plan and reallocate the funds to similar projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	80	80
<b>Project Total:</b>	0	0	0	0	0	0	0	80	80
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	0	80	80
<b>Appropriations Total*</b>	0	0	0	0	0	0	0	80	80
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Broad Street Substation Networks**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1998  
**Project ID:** 8203      **End Date:** 4th Quarter 2011

**Location:** 6th AV N/Broad St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown      **Urban Village:** South Lake Union

The Broad Street Substation Networks project provides added capacity and improved electrical system reliability to City Light customers in the Broad Street Substation service area. The project ensures existing customers have reliable electric service and new customers can be connected to the system. Work may include installing new civil facilities (vaults and conduits), reconductoring and relocating primary feeders, upgrading/optimizing network transformers, adding and separating secondary bus ties, installing fire wrap on cables, transferring load between networks (cuts and taps), installing real-time ampacity equipment, installing primary switches for load transfer or sectionalizing, installing or replacing network protectors, installing fire protection systems, rebalancing feeders, and improving power quality. Ordinance 121753 adopted in 2005 reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	27,535	4,411	4,387	5,008	5,154	5,264	5,380	5,489	62,628
<b>Project Total:</b>	27,535	4,411	4,387	5,008	5,154	5,264	5,380	5,489	62,628
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	27,535	4,411	4,387	5,008	5,154	5,264	5,380	5,489	62,628
<b>Appropriations Total*</b>	27,535	4,411	4,387	5,008	5,154	5,264	5,380	5,489	62,628
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Building Envelope Upgrades**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 1979  
**Project ID:** 9072      **End Date:** 4th Quarter 2011

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Building Envelope Upgrades project replaces or restores exterior moisture and thermal barrier components of buildings. Roofing and insulation, windows, siding, curtain walls and doors may be refurbished or upgraded either to preserve a building's structural integrity or to enhance a building's thermal performance to conform to the Green Building Council's LEED silver standard. Replacement schedules are based on historical records, as well as periodic inspections. At Ross Powerhouse, replacement of the roofing system was funded by this project in 2003, as well as the restoration and waterproofing of the building exterior, including expansion joints.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,849	35	193	107	109	112	115	116	6,636
<b>Project Total:</b>	5,849	35	193	107	109	112	115	116	6,636
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	5,849	35	193	107	109	112	115	116	6,636
<b>Appropriations Total*</b>	5,849	35	193	107	109	112	115	116	6,636
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Burien Undergrounding - 1st Ave South Phase I**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 8321      **End Date:** 4th Quarter 2010

**Location:** 1st Ave S/148th St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Burien Undergrounding - 1st Avenue South Phase I project provides a financial mechanism for the City of Shoreline to fund undergrounding during Phase I of the 1st Avenue South project through its electrical rates. The costs are recovered through rates charged in that jurisdiction. The Franchise Agreement provides the basic authority for the recovery and a specific Project Reimbursement Agreement has been negotiated with Burien to establish the details of the financing mechanism.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	2,040	1,297	4,931	1,275	0	0	0	9,543
<b>Project Total:</b>	0	2,040	1,297	4,931	1,275	0	0	0	9,543
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	2,040	1,297	4,931	1,275	0	0	0	9,543
<b>Appropriations Total*</b>	0	2,040	1,297	4,931	1,275	0	0	0	9,543
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Cedar Falls - Intake Gate Replacement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1993  
**Project ID:** 6171      **End Date:** 2nd Quarter 2007

**Location:** 19901 Cedar Falls Rd SE

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Cedar Falls - Intake Gate Replacement project provides a new intake gate at the Cedar Falls Masonry Dam, completed in 2000. A Dam Failure Emergency Warning System was completed in 2004. The last remaining project item modifies the intake gate closure controls, allowing remote operation at the powerhouse.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,640	221	312	84	0	0	0	0	7,257
<b>Project Total:</b>	6,640	221	312	84	0	0	0	0	7,257
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	6,640	221	312	84	0	0	0	0	7,257
<b>Appropriations Total*</b>	6,640	221	312	84	0	0	0	0	7,257
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cedar Falls - Rehab/Reline Penstocks**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2007  
**Project ID:** 6358      **End Date:** 3rd Quarter 2008

**Location:** 19901 Cedar Falls Rd SE

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project extends the life of the two penstocks at Cedar Falls. A penstock is a conduit or pipeline through which water travels to run the turbines and generate power. The project includes relining the upper portions of the penstocks, performing a seismic upgrade of penstock bridges, repairing sagging or broken penstock support saddles, and touching up exterior paint.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	47	2,690	0	0	0	2,737
<b>Project Total:</b>	0	0	0	47	2,690	0	0	0	2,737
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	47	2,690	0	0	0	2,737
<b>Appropriations Total*</b>	0	0	0	47	2,690	0	0	0	2,737
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Cedar Falls Powerhouse - DC Station Service Upgrade**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 2nd Quarter 2007  
**Project ID:** 6331      **End Date:** 2nd Quarter 2008

**Location:** 19901 Cedar Falls Rd SE

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Cedar Falls Powerhouse - DC Station Service project replaces the existing crane motor-generator set with a solid-state rectifier and upgrades the direct-current (DC) panel in the control room.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	118	32	0	0	0	150
<b>Project Total:</b>	0	0	0	118	32	0	0	0	150
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	118	32	0	0	0	150
<b>Appropriations Total*</b>	0	0	0	118	32	0	0	0	150
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cedar Falls Valvehouse Rehabilitation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2010  
**Project ID:** 6324      **End Date:** 3rd Quarter 2010

**Location:** 19901 Cedar Falls Rd SE

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project rehabilitates the Cedar Falls Valvehouse. The exact extent of rehabilitation needed has not been determined, but the job may include replacement of exterior windows, exterior structural improvements, oil spill prevention, and interior remodeling.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	362	0	362
<b>Project Total:</b>	0	0	0	0	0	0	362	0	362
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	362	0	362
<b>Appropriations Total*</b>	0	0	0	0	0	0	362	0	362
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Cedar Falls/South Fork Tolt - Minor Improvements Program**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6406      **End Date:** 4th Quarter 2012

**Location:** 19901 Cedar Falls Rd SE

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project provides financing for unforeseeable, unscheduled capital work and/or for smaller capital projects with cost estimates of less than \$25,000. This project covers work specifically related to Cedar Falls and South Fork Tolt Facilities. Ordinance 121753 in adopted 2005 increased the allocation shown for this project in year 2005 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	226	605	80	81	84	85	88	1,249
<b>Project Total:</b>	0	226	605	80	81	84	85	88	1,249
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	226	605	80	81	84	85	88	1,249
<b>Appropriations Total*</b>	0	226	605	80	81	84	85	88	1,249
<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 in thousands of dollars.*

**Central Arterial Streetlights Major Maintenance**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2000  
**Project ID:** 8212      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides necessary capital improvements and replacements to the City of Seattle's arterial streetlights in the downtown streetlight system. The City transferred ownership of 18,600 arterial streetlights to City Light at the end of 1999. City Light is responsible for maintaining these lights. Of those 18,600 streetlights, 5,000-6,000 lights are on poles installed exclusively for streetlighting. Many of these are fed by underground conductors. Projects include streetlight pole and foundation work, installation of streetlights and underground infrastructure replacement. Work is performed under the direction of the Seattle Department of Transportation (SDOT).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,892	770	757	841	865	884	904	922	8,835
<b>Project Total:</b>	2,892	770	757	841	865	884	904	922	8,835
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	2,892	770	757	841	865	884	904	922	8,835
<b>Appropriations Total*</b>	2,892	770	757	841	865	884	904	922	8,835
<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 in thousands of dollars.*

**Communications Improvements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 9009      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Communications Improvements project provides for unforeseen emergency work on City Light's communications systems. This ongoing program provides funding to replace critical communications components due to failure, changing regulatory requirements, or upgrade requirements. Ordinance 121753 adopted in 2005 reduced the allocation shown for this project in years 2005 and 2006 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,325	248	300	219	222	226	231	235	9,006
<b>Project Total:</b>	7,325	248	300	219	222	226	231	235	9,006
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	7,325	248	300	219	222	226	231	235	9,006
<b>Appropriations Total*</b>	7,325	248	300	219	222	226	231	235	9,006
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Complex Billing System**

**BCL/Program Name:** Financial Services - CIP      **BCL/Program Code:** SCL550  
**Project Type:** New Investment      **Start Date:** 3rd Quarter 2005  
**Project ID:** 9932      **End Date:** 4th Quarter 2005

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Complex Billing System project constructs a new business process, implemented through software applications, to perform billing of Industrial and Commercial customers with complex rate structures or interval billing. This includes two rate classes: Large General Service and High Demand. These rate classes have less than 200 accounts, but provide 35% of the utility's rate revenues. The new system replaces the existing Industrial/Commercial Subsidiary Billing System (ICSB) and the Seattle MeterWatch application.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1	0	0	0	0	0	0	1
<b>Project Total:</b>	0	1	0	0	0	0	0	0	1
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	1	0	0	0	0	0	0	1
<b>Appropriations Total*</b>	0	1	0	0	0	0	0	0	1
<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 in thousands of dollars.*

**Consolidated Customer Service System**

**BCL/Program Name:** Financial Services - CIP

**BCL/Program Code:** SCL550

**Project Type:** New Investment

**Start Date:** 1st Quarter 1995

**Project ID:** 9910

**End Date:** 4th Quarter 2006

**Location:** 700 5th Avenue

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

The Consolidated Customer Service System (CCSS) provides customer information and billing for electrical services through City Light and for water, wastewater, solid waste and recycling services through Seattle Public Utilities. At the core of the system is the Banner commercial software package with some modifications. In 2006, this project funds the implementation of billing for drainage services.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	52,584	1,759	820	0	0	0	0	0	55,163
<b>Project Total:</b>	52,584	1,759	820	0	0	0	0	0	55,163
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	52,584	1,759	820	0	0	0	0	0	55,163
<b>Appropriations Total*</b>	52,584	1,759	820	0	0	0	0	0	55,163
<b>O &amp; M Costs (Savings)</b>			511	523	536	549	562	576	3,257

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

**Dallas Ave. 26 kV Crossing**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 8322      **End Date:** 4th Quarter 2005

**Location:** Dallas Ave S & 14th Ave S/Dallas Ave S/14th Ave S

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Dallas Avenue 26 kV Crossing project installs two 26 kV feeders across the Duwamish River. This crossing backs up the Cambridge Corridor Crossing, providing redundant power supply to the area along E Marginal Way S. The area has many large industrial accounts, including Jorgenson Steel, Kenworth Trucking, and a number of Boeing plants, including several wind tunnels. The existence of a second supply crossing also adds to system flexibility, allowing maintenance to be performed without reducing customer load. A previous line crossing the Duwamish at this site was removed in 2003.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	914	0	0	0	0	0	0	914
<b>Project Total:</b>	0	914	0	0	0	0	0	0	914
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	914	0	0	0	0	0	0	914
<b>Appropriations Total*</b>	0	914	0	0	0	0	0	0	914
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Dam Safety Program**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6389      **End Date:** 1st Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

This ongoing program provides dam safety upgrades for all the dams in City Light's system to meet Federal Energy Regulatory Commission requirements.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	124	126	136	139	143	145	0	813
<b>Project Total:</b>	0	124	126	136	139	143	145	0	813
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	124	126	136	139	143	145	0	813
<b>Appropriations Total*</b>	0	124	126	136	139	143	145	0	813
<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 in thousands of dollars.*

**Diablo - Minor Improvements Program**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2005  
**Project ID:** 6403      **End Date:** 4th Quarter 2015

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project provides financing for unforeseeable, unscheduled capital work and/or for smaller capital projects with cost estimates of less than \$25,000. This project covers work specifically related to Diablo Facilities. Ordinance 121753 adopted in 2005 reduced the allocation shown for this project in years 2005 and 2006 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	573	499	1,159	852	1,149	1,052	884	6,168
<b>Project Total:</b>	0	573	499	1,159	852	1,149	1,052	884	6,168
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	573	499	1,159	852	1,149	1,052	884	6,168
<b>Appropriations Total*</b>	0	573	499	1,159	852	1,149	1,052	884	6,168
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Diablo Dam Spillgate Control Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2001  
**Project ID:** 6238      **End Date:** 1st Quarter 2006

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Diablo Dam Spillgate Control Improvements project replaces the motor starters and controls for the three motorized spillgates. This project includes installing more accurate gate-status indicators and opening-height controls. Ordinance 121753 in 2005 reduced the allocation shown for this project in year 2005, and increased the allocation shown for this project in year 2006 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	97	243	24	0	0	0	0	0	364
<b>Project Total:</b>	97	243	24	0	0	0	0	0	364
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	97	243	24	0	0	0	0	0	364
<b>Appropriations Total*</b>	97	243	24	0	0	0	0	0	364
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Diablo Powerhouse - 240kV Bus Tap for Station Service**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6413      **End Date:** 4th Quarter 2009

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	80	84	0	1,179	586	0	0	1,929
<b>Project Total:</b>	0	80	84	0	1,179	586	0	0	1,929
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	80	84	0	1,179	586	0	0	1,929
<b>Appropriations Total*</b>	0	80	84	0	1,179	586	0	0	1,929
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		80	84	0	215	1,550	0	0	1,929

**Diablo Powerhouse - Butterfly Valves Rehabilitation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2008  
**Project ID:** 6418      **End Date:** 4th Quarter 2009

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project determines the specific causes of the leakage from the Diablo Powerhouse butterfly valves and corrects the problem by repairing or replacing deteriorated components. The valves cannot be inspected until the supply tunnel is drained; the next tunnel drain is scheduled in 2009. The most likely cause of the leakage is worn valve seats; this project attempts to repair these seats or replace them if a repair is not possible.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	39	701	0	0	740
<b>Project Total:</b>	0	0	0	0	39	701	0	0	740
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	39	701	0	0	740
<b>Appropriations Total*</b>	0	0	0	0	39	701	0	0	740
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Diablo Powerhouse - DC Lighting Systems Upgrade**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6365      **End Date:** 2nd Quarter 2008

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project replaces out-of-date AC/DC lighting systems at Diablo Powerhouse with more energy-efficient systems. Ordinance 121753 adopted in 2005 reduced the allocation shown for this project in year 2005, and increased the allocation shown for this project in years 2007 and 2008 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	234	65	0	0	0	299
<b>Project Total:</b>	0	0	0	234	65	0	0	0	299
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	234	65	0	0	0	299
<b>Appropriations Total*</b>	0	0	0	234	65	0	0	0	299
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Diablo Powerhouse - Install Remote Control Load Interruptors**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6417      **End Date:** 1st Quarter 2007

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project replaces the manually operated disconnects, DISC 240-35, DISC 240-36, and DISC 240-41, with remotely controllable motor-operated load interrupters.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	84	202	4	0	0	0	0	290
<b>Project Total:</b>	0	84	202	4	0	0	0	0	290
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	84	202	4	0	0	0	0	290
<b>Appropriations Total*</b>	0	84	202	4	0	0	0	0	290
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Diablo Powerhouse - Rebuild Generator Unit 31**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 4th Quarter 2008  
**Project ID:** 6422      **End Date:** 4th Quarter 2010

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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) by the end of 2013. This project rebuilds Generator 31 at Diablo Powerhouse.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	7	5,052	1,146	0	6,205
<b>Project Total:</b>	0	0	0	0	7	5,052	1,146	0	6,205
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	7	5,052	1,146	0	6,205
<b>Appropriations Total*</b>	0	0	0	0	7	5,052	1,146	0	6,205
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	7	608	5,590	0	6,205

**Diablo Powerhouse - Rebuild Generator Unit 32**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2011  
**Project ID:** 6423      **End Date:** 1st Quarter 2013

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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) by the end of 2013. This project rebuilds Generator 32 at Diablo Powerhouse.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	5,270	5,270
<b>Project Total:</b>	0	0	0	0	0	0	0	5,270	5,270
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	0	5,270	5,270
<b>Appropriations Total*</b>	0	0	0	0	0	0	0	5,270	5,270
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	600	600

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

**Diablo Powerhouse - Replace 5 kV Switchgear**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6364      **End Date:** 1st Quarter 2009

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	59	303	217	303	8	0	0	890
<b>Project Total:</b>	0	59	303	217	303	8	0	0	890
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	59	303	217	303	8	0	0	890
<b>Appropriations Total*</b>	0	59	303	217	303	8	0	0	890
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Diablo Powerhouse - Replace Units 31-32 Governors**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6366      **End Date:** 4th Quarter 2011

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	72	437	552	144	0	1,205
<b>Project Total:</b>	0	0	0	72	437	552	144	0	1,205
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	72	437	552	144	0	1,205
<b>Appropriations Total*</b>	0	0	0	72	437	552	144	0	1,205
<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 in thousands of dollars.*

**Diablo Powerhouse - Units 31-32 Current-Voltage Instruments**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6416      **End Date:** 2nd Quarter 2010

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	106	0	0	0	165	33	0	304
<b>Project Total:</b>	0	106	0	0	0	165	33	0	304
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	106	0	0	0	165	33	0	304
<b>Appropriations Total*</b>	0	106	0	0	0	165	33	0	304
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Diablo Powerhouse - Upgrade Units 31&32 Wicket Gate Bushings**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6414      **End Date:** 1st Quarter 2006

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project designs, fabricates, and installs new wicket gate bushings for Units 31 & 32, utilizing a different self-lubricating bushing liner technology. A wicket gate is a large, complex valve that controls the flow of water into the generator.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	365	1	0	0	0	0	0	366
<b>Project Total:</b>	0	365	1	0	0	0	0	0	366
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	365	1	0	0	0	0	0	366
<b>Appropriations Total*</b>	0	365	1	0	0	0	0	0	366
<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 in thousands of dollars.*

**Diablo Sewer System Improvement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2000  
**Project ID:** 6232      **End Date:** 3rd Quarter 2009

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Diablo Sewer System Improvement project replaces or repairs numerous sewer pipe breaks, leaks, and sags in the combined Diablo sewer/drainage collection system. By doing so, this project eliminates potential overloads in the sewage treatment plant that can cause pollution of the Skagit River and soil contamination. The decision to proceed with 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 would be abandoned and removed, thus rendering this project unnecessary.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1	0	0	0	212	715	0	0	928
<b>Project Total:</b>	1	0	0	0	212	715	0	0	928
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1	0	0	0	212	715	0	0	928
<b>Appropriations Total*</b>	1	0	0	0	212	715	0	0	928
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Diablo Switchyard - Resurfacing**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6361      **End Date:** 1st Quarter 2007

**Location:** 502 Diablo St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project issues a construction contract to resurface the Diablo Switchyard by excavating and disposing of existing crushed rock covering the ground mat in the switchyard and installing new crushed rock in its place.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	51	219	20	0	0	0	0	290
<b>Project Total:</b>	0	51	219	20	0	0	0	0	290
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	51	219	20	0	0	0	0	290
<b>Appropriations Total*</b>	0	51	219	20	0	0	0	0	290
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Diablo Water System Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2003  
**Project ID:** 6304      **End Date:** 4th Quarter 2007

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project improves provision of water supply for the town of Diablo. Four subprojects provide a booster pump, backflow protection, a new well, and an upgraded tailrace pipe.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	8	74	132	250	0	0	0	0	464
<b>Project Total:</b>	8	74	132	250	0	0	0	0	464
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	8	74	132	250	0	0	0	0	464
<b>Appropriations Total*</b>	8	74	132	250	0	0	0	0	464
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Disaster Recovery/Business Continuity**

**BCL/Program Name:** Financial Services - CIP      **BCL/Program Code:** SCL550  
**Project Type:** New Investment      **Start Date:** 1st Quarter 2001  
**Project ID:** 9925      **End Date:** 4th Quarter 2005

**Location:** In more than one location

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

The Disaster Recovery/Business Continuity project provides information technology infrastructure upon which the Utility's critical business applications will be restored in the event of a disaster or other catastrophic failure. The specific deliverables of this project are design and implementation of the following: improvements to existing systems to increase network and application availability; implementation of fault-tolerant application servers and networks; wider use of load-balancing and failover systems; improvements to data archiving and retrieval systems; and design and implementation of disaster-recovery infrastructure to be managed off-site by either the City or a third party.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	394	1	0	0	0	0	0	0	395
<b>Project Total:</b>	394	1	0	0	0	0	0	0	395
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	394	1	0	0	0	0	0	0	395
<b>Appropriations Total*</b>	394	1	0	0	0	0	0	0	395
<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 in thousands of dollars.*

**Distribution Area Communications Networks**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1999  
**Project ID:** 9307      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides fiber rings to City Light facilities to create a secure digital communications SONET network for Distribution system 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 that support Substation Automation, Distribution Automation, Distributed Generation, and automated meter reading. Ordinance 121753 in 2005 reduced the allocation shown for this project in years 2005, 2006, and 2007 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,045	744	638	712	725	739	755	770	10,128
<b>Project Total:</b>	5,045	744	638	712	725	739	755	770	10,128
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	5,045	744	638	712	725	739	755	770	10,128
<b>Appropriations Total*</b>	5,045	744	638	712	725	739	755	770	10,128
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Endangered Species Act Mitigation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** New Facility      **Start Date:** 1st Quarter 2000  
**Project ID:** 6990      **End Date:** 4th Quarter 2011

**Location:** 500 Outside the City

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Endangered Species Act (ESA) Program was established by Council Resolution 30272 in response to the listing of Puget Sound Chinook salmon and bull trout as threatened under the Endangered Species Act in 1999. The Executive and City Council sought to address responsibilities and legal liabilities of both Seattle Public Utilities (SPU) and City Light under the Act. City Light's efforts fall into three categories: research, watershed planning in the Skagit and the Snohomish (Tolt) basins in which the City owns hydroelectric facilities, and restoration and protection actions in those watersheds. SPU is responsible for this work at the Cedar River and Lake Washington. Ordinance 121753 in 2005 increased the allocation shown for this project in years 2005 and 2006 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,336	1,609	724	621	749	769	788	802	10,398
<b>Project Total:</b>	4,336	1,609	724	621	749	769	788	802	10,398
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	4,336	1,609	724	621	749	769	788	802	10,398
<b>Appropriations Total*</b>	4,336	1,609	724	621	749	769	788	802	10,398
<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 in thousands of dollars.*

**Environmental Learning Center**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** New Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** 6988      **End Date:** 1st Quarter 2006

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project constructs 16 new buildings and remodels one existing building. The scope of the project includes bunkhouses, offices, labs, kitchen, a propane system, parking, access roads, landscaping, irrigation, electricity, lighting, a floating dock, amphitheater, and communications systems. Ordinance 121753 adopted in 2005 reduced the allocation shown for this project in year 2005 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	14,638	5,284	149	0	0	0	0	0	20,071
<b>Project Total:</b>	14,638	5,284	149	0	0	0	0	0	20,071
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	14,638	5,284	149	0	0	0	0	0	20,071
<b>Appropriations Total*</b>	14,638	5,284	149	0	0	0	0	0	20,071
<b>O &amp; M Costs (Savings)</b>			53	54	56	57	58	60	338
<b>Spending Plan</b>		4,259	1,174	0	0	0	0	0	5,433

**Environmental Safeguarding and Remediation of Facilities**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1997  
**Project ID:** 9152      **End Date:** 4th Quarter 2011

**Location:** 3613 4th AV S

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Greater Duwamish      **Urban Village:** Not in an Urban Village

The Environmental Safeguarding and Remediation of Facilities project prevents 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 project elements include ventilation for painting operations, storage equipment for toxic material, containment provisions to provide protection in the event of a spill or leak, and equipment handling to enable safe movement of hazardous items.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	666	0	248	158	161	168	169	172	1,742
<b>Project Total:</b>	666	0	248	158	161	168	169	172	1,742
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	666	0	248	158	161	168	169	172	1,742
<b>Appropriations Total*</b>	666	0	248	158	161	168	169	172	1,742
<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 in thousands of dollars.*

**Facilities Infrastructure Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1997  
**Project ID:** 9156      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Facilities Infrastructure Improvements project provides funding for upgrading or replacing structural, electrical or mechanical systems or major 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. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in year 2005 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,058	95	47	48	49	51	52	53	1,453
<b>Project Total:</b>	1,058	95	47	48	49	51	52	53	1,453
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,058	95	47	48	49	51	52	53	1,453
<b>Appropriations Total*</b>	1,058	95	47	48	49	51	52	53	1,453
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Facilities Regulatory Compliance**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1999  
**Project ID:** 9151      **End Date:** 4th Quarter 2011

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Facilities Regulatory Compliance project addresses 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	8	0	62	64	66	67	69	71	407
<b>Project Total:</b>	8	0	62	64	66	67	69	71	407
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	8	0	62	64	66	67	69	71	407
<b>Appropriations Total*</b>	8	0	62	64	66	67	69	71	407
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Fire Protection Systems Modification**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1993  
**Project ID:** 6166      **End Date:** 4th Quarter 2009

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Fire Protection Systems Modification project provides a water spray generator fire suppression system for Generators 41-44 at Ross Powerhouse, with installation coinciding with the generator rebuilds. Scope includes design and installation of a water delivery system and a new control system for fire detection, alarming, and suppression activation.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,512	380	450	344	297	111	0	0	3,094
<b>Project Total:</b>	1,512	380	450	344	297	111	0	0	3,094
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,512	380	450	344	297	111	0	0	3,094
<b>Appropriations Total*</b>	1,512	380	450	344	297	111	0	0	3,094
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**First Hill Network**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP

**BCL/Program Code:** SCL350

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2002

**Project ID:** 8301

**End Date:** 4th Quarter 2011

**Location:** 1100 Madison St

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** First Hill

The First Hill Network project provides added capacity and improved electrical system reliability to City Light customers in the First Hill service area. This project provides existing customers with reliable electric service and ensures new customers are accommodated by the system. Work includes installation of new civil facilities (vaults and conduits), and reconductoring and relocation of primary feeders. Other work includes installation of fire wrap on cables, replacement of non-submersible network protectors, and rebalancing network feeders (cuts and taps). Future work includes upgrades to network transformers, additions and separations of secondary bus ties, installation of bus tie switches, replacement of failed cables, and related work. Ordinance 121753, adopted in 2005, reduced the year 2005 allocation shown for this project in the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,556	922	718	1,187	1,225	1,252	1,280	1,306	10,446
<b>Project Total:</b>	2,556	922	718	1,187	1,225	1,252	1,280	1,306	10,446
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	2,556	922	718	1,187	1,225	1,252	1,280	1,306	10,446
<b>Appropriations Total*</b>	2,556	922	718	1,187	1,225	1,252	1,280	1,306	10,446
<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 in thousands of dollars.*

**Generation - Civil-Mechanical Modification**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 6005      **End Date:** 3rd Quarter 2006

**Location:** 500 Outside the City

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project provides a financial placeholder for unscheduled capital work. This project covers miscellaneous and small unscheduled improvements related to structures and mechanical equipment. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in years 2005 and 2006 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9,751	870	51	0	0	0	0	0	10,672
<b>Project Total:</b>	9,751	870	51	0	0	0	0	0	10,672
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	9,751	870	51	0	0	0	0	0	10,672
<b>Appropriations Total*</b>	9,751	870	51	0	0	0	0	0	10,672
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Generation - Electrical Enhancements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 6087      **End Date:** 1st Quarter 2007

**Location:** 500 Outside the City

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Generation Electrical Enhancements project provides funding for small, miscellaneous, unscheduled electrical equipment improvements. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in year 2005 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,467	1,601	503	2	0	0	0	0	8,573
<b>Project Total:</b>	6,467	1,601	503	2	0	0	0	0	8,573
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	6,467	1,601	503	2	0	0	0	0	8,573
<b>Appropriations Total*</b>	6,467	1,601	503	2	0	0	0	0	8,573
<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 in thousands of dollars.*

**Gorge - Minor Improvements Program**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2005  
**Project ID:** 6404      **End Date:** 4th Quarter 2012

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project provides financing for unforeseeable, unscheduled capital work and/or for smaller capital projects with cost estimates less than \$25,000. This project covers work specifically related to Gorge Facilities. Ordinance 121753, adopted in 2005, increased the allocation shown for this project in year 2005 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	390	404	297	302	309	317	325	2,344
<b>Project Total:</b>	0	390	404	297	302	309	317	325	2,344
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	390	404	297	302	309	317	325	2,344
<b>Appropriations Total*</b>	0	390	404	297	302	309	317	325	2,344
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Gorge Dam - Spillgate Control Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** 6222      **End Date:** 4th Quarter 2007

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Gorge Dam - Spillgate Control Improvements project includes designing, procuring, and installing equipment and materials needed to assure reliable control of the two Gorge Dam spillgates, as directed by the System Control Center.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	101	0	33	116	0	0	0	0	250
<b>Project Total:</b>	101	0	33	116	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	101	0	33	116	0	0	0	0	250
<b>Appropriations Total*</b>	101	0	33	116	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**Gorge Dam - Spillgate Maintenance Bulkhead & Rehabilitation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6221      **End Date:** 1st Quarter 2008

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Gorge Dam contains two 47-by-50 foot vertical-lift spillgates that regulate flow during floods. This project involves building a large maintenance bulkhead to install upstream of the spillgates, so the gates can be opened and work can be done without lowering the water level in Gorge Dam. The project also replaces deteriorated bolts at the two dam spillgates and makes other structural improvements to enhance structural integrity.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	1,535	43	0	0	0	1,578
<b>Project Total:</b>	0	0	0	1,535	43	0	0	0	1,578
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	1,535	43	0	0	0	1,578
<b>Appropriations Total*</b>	0	0	0	1,535	43	0	0	0	1,578
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Gorge Powerhouse - 240 kV Oil-filled Circuit Breakers**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1999  
**Project ID:** 6226      **End Date:** 4th Quarter 2005

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Gorge Powerhouse - 240 kV Oil-filled Circuit Breakers (OCB) project replaces oil-insulated circuit breakers at the Gorge Powerhouse with SF-6 gas circuit breakers. The project also replaces the four oil-filled circuit breakers at the Gorge Switchyard. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in year 2005 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,287	301	0	0	0	0	0	0	1,588
<b>Project Total:</b>	1,287	301	0	0	0	0	0	0	1,588
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,287	301	0	0	0	0	0	0	1,588
<b>Appropriations Total*</b>	1,287	301	0	0	0	0	0	0	1,588
<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 in thousands of dollars.*

**Gorge Powerhouse - Fire Protection Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2010  
**Project ID:** 6326      **End Date:** 4th Quarter 2016

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project designs and installs a water spray generator fire suppression system for Generator 24 to coincide with the turbine overhaul. The system design will be modeled after the Ross generator fire suppression modification project. Piping, valving, and nozzles for a water delivery system, as well as a new control system for detection, alarming, and system initiation are included in the scope.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	138	356	494
<b>Project Total:</b>	0	0	0	0	0	0	138	356	494
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	138	356	494
<b>Appropriations Total*</b>	0	0	0	0	0	0	138	356	494
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Gorge Powerhouse - Programmable Logic Controllers**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6369      **End Date:** 2nd Quarter 2007

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project replaces the annunciator system relays at the Gorge Powerhouse with programmable-logic controllers.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	18	0	21	0	0	0	0	39
<b>Project Total:</b>	0	18	0	21	0	0	0	0	39
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	18	0	21	0	0	0	0	39
<b>Appropriations Total*</b>	0	18	0	21	0	0	0	0	39
<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 in thousands of dollars.*

**Gorge Powerhouse - Transformer Bank 10 Replacement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2000  
**Project ID:** 6224      **End Date:** 3rd Quarter 2008

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Gorge Powerhouse - Transformer Bank 10 Replacement project replaces the Powerhouse's existing oil-insulated transformer and its conductors with dry transformers and conductors, to ensure reliability and prevent environmental hazards. Ordinance 121753 in 2005 reduced the allocation shown for this project in years 2005 and 2006, and increased the allocation shown for this project in years 2007 and 2008 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	28	0	0	241	215	0	0	0	484
<b>Project Total:</b>	28	0	0	241	215	0	0	0	484
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	28	0	0	241	215	0	0	0	484
<b>Appropriations Total*</b>	28	0	0	241	215	0	0	0	484
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Gorge Powerhouse - Transformer Bank 22 Replacement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2004  
**Project ID:** 6370      **End Date:** 3rd Quarter 2005

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project purchases and installs three single-phase transformers to replace Transformer Bank 22 at the Gorge Powerhouse and purchases one additional single-phase transformer for use as a spare. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in year 2005 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	219	2,167	0	0	0	0	0	0	2,386
<b>Project Total:</b>	219	2,167	0	0	0	0	0	0	2,386
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	219	2,167	0	0	0	0	0	0	2,386
<b>Appropriations Total*</b>	219	2,167	0	0	0	0	0	0	2,386
<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 in thousands of dollars.*

**Gorge Powerhouse - Transformer Bank 24 Replacement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2003  
**Project ID:** 6371      **End Date:** 4th Quarter 2006

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project purchases and installs three single-phase transformers for Bank 24 using the same specification as that used for the Gorge Powerhouse Transformer Bank 22 Replacement project (6370).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,290	937	0	0	0	0	0	2,227
<b>Project Total:</b>	0	1,290	937	0	0	0	0	0	2,227
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	1,290	937	0	0	0	0	0	2,227
<b>Appropriations Total*</b>	0	1,290	937	0	0	0	0	0	2,227
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		290	1,937	0	0	0	0	0	2,227

**Gorge Powerhouse AC/DC System Upgrade & Cable Replacement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2000  
**Project ID:** 6207      **End Date:** 4th Quarter 2008

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project replaces AC and DC distribution panels, control cabling, and power cabling to improve reliability. The project ties DC control and alarm circuits to individual generators and provides AC station service grounding.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	764	65	271	384	368	0	0	0	1,852
<b>Project Total:</b>	764	65	271	384	368	0	0	0	1,852
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	764	65	271	384	368	0	0	0	1,852
<b>Appropriations Total*</b>	764	65	271	384	368	0	0	0	1,852
<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 in thousands of dollars.*

**Gorge Powerhouse Unit 24 Turbine Runner Replacement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 1999  
**Project ID:** 6219      **End Date:** 1st Quarter 2007

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Gorge Powerhouse - Unit 24 Turbine Runner Replacement project refurbishes the turbine to "as-new" condition. Work includes installing a new turbine runner, wicket gates (large, complex valves that control the flow of water into the generator), facing plates, seal rings, self-lubricating bushings, and replacement or rehabilitation of other minor turbine components. Ordinance 121753 in 2005 reduced the allocation shown for this project in years 2005, 2006, and 2007 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	545	2,494	2,311	120	0	0	0	0	5,470
<b>Project Total:</b>	545	2,494	2,311	120	0	0	0	0	5,470
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	545	2,494	2,311	120	0	0	0	0	5,470
<b>Appropriations Total*</b>	545	2,494	2,311	120	0	0	0	0	5,470
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		1,166	3,492	267	0	0	0	0	4,925

**Gorge Switchyard - Resurfacing**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6362      **End Date:** 3rd Quarter 2006

**Location:** Milepost 121 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project issues a construction contract to resurface the Gorge Switchyard. Resurfacing the switchyard entails excavating and disposing of existing crushed rock covering the ground mat, then installing new crushed rock in its place.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	45	198	0	0	0	0	0	243
<b>Project Total:</b>	0	45	198	0	0	0	0	0	243
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	45	198	0	0	0	0	0	243
<b>Appropriations Total*</b>	0	45	198	0	0	0	0	0	243
<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 in thousands of dollars.*

**Hydro-Optimization Software**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** New Investment      **Start Date:** 3rd Quarter 2005  
**Project ID:** 9931      **End Date:** 4th Quarter 2005

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The project provides a hydro-optimization software, a decision-support system called Vista, that would model the Seattle system loads, resources and contracts. Operators, managers, marketers, planners and schedulers would use the system to better plan, model and operate the Seattle system and its components in time frames ranging from hour-to-hour through year-to-year. During the demonstration phase, historic static data would be used in the modeling efforts. Based on the model results, City Light was not convinced Vista would provide improvements, so the implementation phase will not proceed.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	510	0	0	0	0	0	0	510
<b>Project Total:</b>	0	510	0	0	0	0	0	0	510
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	510	0	0	0	0	0	0	510
<b>Appropriations Total*</b>	0	510	0	0	0	0	0	0	510
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Information Technology Infrastructure**

**BCL/Program Name:** Financial Services - CIP

**BCL/Program Code:** SCL550

**Project Type:** New Investment

**Start Date:** 1st Quarter 1995

**Project ID:** 9915

**End Date:** 4th Quarter 2006

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The Information Technology Infrastructure project provides hardware and software for activities supporting City Light information technology programs and projects. These activities include GroupWise, remote connectivity, E-tagging, the City InWeb and network, common and City Light applications, UNIX services, and infrastructure change management. The infrastructure is upgraded/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 maintains a stable, reliable computing environment at the utility. Components purchased by this project include servers, network and communications equipment, and application/operating system software.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	23,171	133	3,571	0	0	0	0	0	26,875
<b>Project Total:</b>	23,171	133	3,571	0	0	0	0	0	26,875
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	23,171	133	3,571	0	0	0	0	0	26,875
<b>Appropriations Total*</b>	23,171	133	3,571	0	0	0	0	0	26,875
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Interbay Substation**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 2000  
**Project ID:** 7756      **End Date:** 4th Quarter 2010

**Location:** 17th West/W Bertona

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project plans, designs, and constructs a 26 kV substation in the Interbay area. City Light acquired land at 17th West and West Bertona in 2001 and planning has continued since then. City Light intends to install 2-100 MVA transformers into a facility large enough to accommodate a third transformer at the site if required in the future. Ordinance 121753 in 2005 reduced the allocation shown for this project in years 2006 and 2007, and increased the allocation for this project in years 2008 and 2009 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,486	5	0	11,842	28,979	398	3	0	43,713
<b>Project Total:</b>	2,486	5	0	11,842	28,979	398	3	0	43,713
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	2,486	5	0	11,842	28,979	398	3	0	43,713
<b>Appropriations Total*</b>	2,486	5	0	11,842	28,979	398	3	0	43,713
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		5	0	10,796	23,468	6,955	3	0	41,227

**Ladder Creek Garden Irrigation and Illumination**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2001  
**Project ID:** 6234      **End Date:** 4th Quarter 2006

**Location:** Milepost 126 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Ladder Creek Garden Irrigation and Illumination project provides an assured supply of irrigation water to Ladder Creek Garden behind the Gorge Powerhouse. The electrical upgrade restores the lighting to the historical conditions.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7	127	461	0	0	0	0	0	595
<b>Project Total:</b>	7	127	461	0	0	0	0	0	595
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	7	127	461	0	0	0	0	0	595
<b>Appropriations Total*</b>	7	127	461	0	0	0	0	0	595
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Mapping System for Non-Network Areas**

**BCL/Program Name:** Financial Services - CIP

**BCL/Program Code:** SCL550

**Project Type:** New Investment

**Start Date:** 1st Quarter 2005

**Project ID:** 9934

**End Date:** 4th Quarter 2007

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Mapping System for Non-Network Areas provides an electronic, GIS model of City Light's Distribution System and provides automated mapping, and CAD design and drawing capabilities. This project provides newer versions of ACAD and Arc/Info GIS software and upgraded City Light GIS applications. In addition, City Light's GIS technology is upgraded in tandem with the Citywide GIS, which is undergoing a major technology upgrade. These Citywide base layers are incorporated into the Department's SCL's GIS applications so they must remain technically compatible.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	31	1,370	750	0	0	0	0	2,151
<b>Project Total:</b>	0	31	1,370	750	0	0	0	0	2,151
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	31	1,370	750	0	0	0	0	2,151
<b>Appropriations Total*</b>	0	31	1,370	750	0	0	0	0	2,151
<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 in thousands of dollars.*

**Massachusetts Street Substation Networks**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1999  
**Project ID:** 8202      **End Date:** 4th Quarter 2011

**Location:** 1555 Utah AV S

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Greater Duwamish      **Urban Village:** Not in an Urban Village

The Massachusetts Street Substation Networks project adds capacity and improves reliability of the electrical system for City Light customers in the Massachusetts Street Substation service area. The project ensures existing customers continue to have reliable electric service and new customers can be connected to the system. Work may include installing new civil facilities (vaults and conduits), reconductoring and relocating primary feeders, upgrading network transformers, additions and separations to secondary bus ties, installing fire wrap on cables, transferring load between networks (cuts and taps), installing real-time ampacity equipment, installing primary switches for load transfer or sectionalizing, installing or replacing network protectors, installing fire protection systems, rebalancing feeders, and improving manhole ground protection. Work will be coordinated with replacement of the Alaskan Way Viaduct where possible. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,415	576	234	489	506	516	528	539	7,803
<b>Project Total:</b>	4,415	576	234	489	506	516	528	539	7,803
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	4,415	576	234	489	506	516	528	539	7,803
<b>Appropriations Total*</b>	4,415	576	234	489	506	516	528	539	7,803
<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 in thousands of dollars.*

**Meter Additions**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 8054      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

The Meter Additions project provides new or replacement meters to enable City Light to generate accurate customer bills. Three types of work occur in this project: new services and installations totaling approximately 5,000 meters annually for new or upgraded commercial and residential customer electrical services; obsolete meter exchanges, an exchange of approximately 6,500 obsolete meters annually (out of 380,000 in the distribution system); and new technology and automated metering options. This last type of work includes auditing new services, pilot projects, and the study of new technologies, memberships, net-metering and the impacts on the distribution system.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	42,004	3,420	3,784	4,583	4,723	4,826	4,934	5,032	73,306
<b>Project Total:</b>	42,004	3,420	3,784	4,583	4,723	4,826	4,934	5,032	73,306
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	42,004	3,420	3,784	4,583	4,723	4,826	4,934	5,032	73,306
<b>Appropriations Total*</b>	42,004	3,420	3,784	4,583	4,723	4,826	4,934	5,032	73,306
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Miscellaneous Building Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 9007      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

The Miscellaneous Building Improvements project provides funds for design, materials, and construction for a variety of small projects not large enough to merit separate capital projects. The project also provides funds for urgent, unscheduled improvements associated with City Light's general plant.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	12,217	527	236	117	117	119	122	124	13,579
<b>Project Total:</b>	12,217	527	236	117	117	119	122	124	13,579
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	12,217	527	236	117	117	119	122	124	13,579
<b>Appropriations Total*</b>	12,217	527	236	117	117	119	122	124	13,579
<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 in thousands of dollars.*

**Network Additions and Services**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 8057      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Network Additions and Services project provides electrical service connections and related improvements in response to requests for service from customers in the Downtown, First Hill and University network areas. This project includes capacity additions associated with service connections. It also includes replacement of failed network transformers, network protectors, and specialty transformers; short-duration system improvements identified during operations; and retrofitting in-building vaults in the First Hill network with fire-detection systems. This program fluctuates with land use development. Subprojects include Large, Medium, Small and New Large Load services. Approximately 20 properties are projected to receive service in the 2005-2006 budget cycle, including condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	146,164	7,534	8,688	11,714	12,085	12,349	12,622	12,879	224,035
<b>Project Total:</b>	146,164	7,534	8,688	11,714	12,085	12,349	12,622	12,879	224,035
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	146,164	7,534	8,688	11,714	12,085	12,349	12,622	12,879	224,035
<b>Appropriations Total*</b>	146,164	7,534	8,688	11,714	12,085	12,349	12,622	12,879	224,035
<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 in thousands of dollars.*

**Network Hazeltine Upgrade**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1995  
**Project ID:** 8129      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Network Hazeltine Upgrade project installs equipment for the existing network transformer monitoring system to better monitor network vaults and transformers, and take advantage of new capabilities in this system to maintain network reliability. A Nextgen unit is installed for new transformers and out-of-date Hazeltine units are replaced to continue real-time system monitoring. New alarm features allow instant notification of NP/vault's significant problems to System Control Center. Also, to evaluate other alternatives, pilot projects with other vendors are considered through 2006. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,391	593	577	349	355	362	369	377	4,373
<b>Project Total:</b>	1,391	593	577	349	355	362	369	377	4,373
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,391	593	577	349	355	362	369	377	4,373
<b>Appropriations Total*</b>	1,391	593	577	349	355	362	369	377	4,373
<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 in thousands of dollars.*

**Network Maintenance Hole and Vault Rebuild**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 1993  
**Project ID:** 8130      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Network Maintenance Hole and Vault Rebuild project repairs or replaces damaged or degraded maintenance holes and vaults to prevent future unsafe working conditions and avoid public hazards. Field surveys of network vaults and maintenance holes are performed in the downtown and First Hill areas, and repairs are designed and completed for facilities requiring capital replacement. Repairs are prioritized by the results of the field surveys, in coordination with other City projects. Several manholes and manhole roofs will be rebuilt each year. Civil surveys of punchlist manholes are deferred. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	21,600	5,235	4,736	3,349	3,417	3,484	3,560	3,631	49,012
<b>Project Total:</b>	21,600	5,235	4,736	3,349	3,417	3,484	3,560	3,631	49,012
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	21,600	5,235	4,736	3,349	3,417	3,484	3,560	3,631	49,012
<b>Appropriations Total*</b>	21,600	5,235	4,736	3,349	3,417	3,484	3,560	3,631	49,012
<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 in thousands of dollars.*

**Newhalem - Gorge Inn Demolition & Mitigation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6425      **End Date:** 3rd Quarter 2008

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project demolishes the old Gorge Inn and performs appropriate mitigation construction in its place. The exact nature of the project is contingent on the outcome of negotiations with the National Park Service. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in year 2005 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	29	327	0	0	0	356
<b>Project Total:</b>	0	0	0	29	327	0	0	0	356
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	29	327	0	0	0	356
<b>Appropriations Total*</b>	0	0	0	29	327	0	0	0	356
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Newhalem - Improve Shop Facilities and Equipment**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6424      **End Date:** 3rd Quarter 2010

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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. Ordinance 121753 in 2005 reduced the allocation shown for this project in years 2005, 2006, and 2007, and increased the allocation shown for this project in years 2008, 2009, and 2010 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	128	156	170	149	0	603
<b>Project Total:</b>	0	0	0	128	156	170	149	0	603
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	128	156	170	149	0	603
<b>Appropriations Total*</b>	0	0	0	128	156	170	149	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 in thousands of dollars.*

**Newhalem Creek Mitigation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1997  
**Project ID:** 6175      **End Date:** 4th Quarter 2007

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The purpose of the Newhalem Creek Mitigation project is to provide environmental mitigation to minimize adverse impacts of City Light projects. This project implements the following seven subprojects, as required by the 1997 Federal Energy Regulatory Commission license for City Light's Newhalem Creek Hydroelectric Project. Project elements are: (1) constructing a tailrace fish barrier; (2) modifying the intake system to provide for higher instream flows; (3) reimbursing the North Cascades National Park Service for constructing a recreation trail; (4) modifying the service road bridge to provide a trail crossing; (5) modifying the Newhalem Powerhouse viewing platform; (6) installing interpretive markers; and (7) improving the Trail of the Cedars. The first six projects are complete; the seventh is scheduled to begin in 2007.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,021	0	0	69	0	0	0	0	1,090
<b>Project Total:</b>	1,021	0	0	69	0	0	0	0	1,090
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,021	0	0	69	0	0	0	0	1,090
<b>Appropriations Total*</b>	1,021	0	0	69	0	0	0	0	1,090
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Newhalem Garage - Revisions**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2008  
**Project ID:** 6231      **End Date:** 2nd Quarter 2009

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Newhalem Garage - Revisions project modifies the existing garage arrangement and design 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, adapting to landscape improvements built in 2000, consistent with the Master Landscape Plan required by City Light's Federal Energy Regulatory Commission license.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	190	276	0	0	466
<b>Project Total:</b>	0	0	0	0	190	276	0	0	466
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	190	276	0	0	466
<b>Appropriations Total*</b>	0	0	0	0	190	276	0	0	466
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Newhalem Powerhouse - Station Battery & Charger Replacement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2003  
**Project ID:** 6301      **End Date:** 4th Quarter 2005

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Newhalem Powerhouse - Station Battery & Charger Replacement project replaces temporary truck batteries with permanent DC station batteries and battery charger at Newhalem Powerhouse. This project funds modifications to the existing utility room to house the permanent station batteries and charger.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4	81	0	0	0	0	0	0	85
<b>Project Total:</b>	4	81	0	0	0	0	0	0	85
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	4	81	0	0	0	0	0	0	85
<b>Appropriations Total*</b>	4	81	0	0	0	0	0	0	85
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**North 26kV Conversion**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1993  
**Project ID:** 8124      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

The North 26 kV Conversion project replaces all of the old 4 kV electrical equipment remaining in the distribution system with new, efficient and reliable 26 kV electrical equipment. Operations and maintenance costs are not expected to change as a result of this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	32,691	0	0	1,590	1,658	1,698	1,740	1,773	41,150
<b>Project Total:</b>	32,691	0	0	1,590	1,658	1,698	1,740	1,773	41,150
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	32,691	0	0	1,590	1,658	1,698	1,740	1,773	41,150
<b>Appropriations Total*</b>	32,691	0	0	1,590	1,658	1,698	1,740	1,773	41,150
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**North and South Service Center Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1991  
**Project ID:** 9107      **End Date:** 3rd Quarter 2012

**Location:** 1300 N 97th St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Northwest      **Urban Village:** Aurora-Licton

The North and South Service Center Improvements project improves office, shop, and storage areas 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 includes the first floor South Service Center Warehouse, where improvements include included space redesign, new storage equipment, new office and support areas, painting, and lighting/heating upgrades and replacements. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in year 2005 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	22,110	227	315	171	184	0	233	541	23,781
<b>Project Total:</b>	22,110	227	315	171	184	0	233	541	23,781
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	22,110	227	315	171	184	0	233	541	23,781
<b>Appropriations Total*</b>	22,110	227	315	171	184	0	233	541	23,781
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**North Arterial Streetlights Major Maintenance**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2000  
**Project ID:** 8211      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides capital improvements and replacements to the City of Seattle's arterial streetlights in the northern part of the service area. The City transferred ownership of 18,600 arterial streetlights to City Light at the end of 1999. City Light is responsible for maintaining these lights. Of those 18,600 streetlights, 5,000-6,000 lights are on poles installed exclusively for streetlighting. Many of these are fed by underground conductors. Projects include streetlight pole and foundation work, installation of streetlights and underground infrastructure replacement. Work is performed under the direction of the Seattle Department of Transportation (SDOT).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	89	208	213	226	233	238	244	248	1,699
<b>Project Total:</b>	89	208	213	226	233	238	244	248	1,699
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	89	208	213	226	233	238	244	248	1,699
<b>Appropriations Total*</b>	89	208	213	226	233	238	244	248	1,699
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**North Capacity Additions**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1992  
**Project ID:** 8122      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The North Capacity Additions 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, and adds or renovates underground facilities in the distribution system in the northern half of the service area. 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. Operations and maintenance costs are not expected to change as a result of this project. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-10 Adopted CIP.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	88,140	11,756	10,079	11,404	11,732	11,981	12,245	12,493	169,830
<b>Project Total:</b>	88,140	11,756	10,079	11,404	11,732	11,981	12,245	12,493	169,830
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	88,140	11,756	10,079	11,404	11,732	11,981	12,245	12,493	169,830
<b>Appropriations Total*</b>	88,140	11,756	10,079	11,404	11,732	11,981	12,245	12,493	169,830
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**North New Street and Flood Lighting**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1995  
**Project ID:** 8134      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

City Light's north service area includes Shoreline, Lake Forest Park, and unincorporated areas of King County. These areas have no provision for publicly funded streetlighting. As a result, the customers in these areas desiring additional streetlighting must pay for it as individuals or small neighborhood groups. The North New Street and Flood Lighting project provides requesting customers in City Light's north service area with rental streetlights and floodlights attached to City Light poles. This service is provided to customers pursuant to City Light Rate Ordinance #116619. City Light receives about 65 requests each year for rental street or flood lights. Operations and maintenance costs are not expected to change as a result of this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	769	472	96	74	77	78	80	82	1,728
<b>Project Total:</b>	769	472	96	74	77	78	80	82	1,728
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	769	472	96	74	77	78	80	82	1,728
<b>Appropriations Total*</b>	769	472	96	74	77	78	80	82	1,728
<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 in thousands of dollars.*

**North Outage Replacements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2001  
**Project ID:** 8302      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project supports the capitalized portion of work resulting from unplanned outages to ensure that customers' electric power is restored as quickly as possible. This project covers outage replacement work in the northern half of the service area. Unplanned outages result from events such as storms, accidents, and equipment failures. Replacement includes immediate repairs, and in some instances construction of new underground infrastructure to bypass failing cables or equipment. Pole and transformer replacements 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. Operations and maintenance costs are not expected to change as a result of this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	929	911	940	132	124	124	126	128	3,414
<b>Project Total:</b>	929	911	940	132	124	124	126	128	3,414
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	929	911	940	132	124	124	126	128	3,414
<b>Appropriations Total*</b>	929	911	940	132	124	124	126	128	3,414
<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 in thousands of dollars.*

**North Relocations**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP

**BCL/Program Code:** SCL350

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2001

**Project ID:** 8304

**End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project moves electrical lines to accommodate or take advantage of projects being constructed by other jurisdictions. The project builds new and replaces old line segments, installs and replaces poles, and adds or renovates underground facilities to the distribution system in the northern half of the service area, 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 by the requesting agencies. Operations and maintenance costs are not expected to change as a result of this project. Included in the project are travel and other costs for visits to remote sites needing system relocations. Ordinance 121753 in 2005 reduced year 2005 and 2006 allocations shown for this project in the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,707	796	3,166	1,704	1,735	1,768	1,807	1,842	18,525
<b>Project Total:</b>	5,707	796	3,166	1,704	1,735	1,768	1,807	1,842	18,525
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	5,707	796	3,166	1,704	1,735	1,768	1,807	1,842	18,525
<b>Appropriations Total*</b>	5,707	796	3,166	1,704	1,735	1,768	1,807	1,842	18,525
<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 in thousands of dollars.*

**North Residential Streetlight Improvements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1995  
**Project ID:** 8136      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** In more than one Plan      **Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

The North Residential Streetlight Improvements project improves public safety by installing additional residential and commercial area streetlights. The annual scope of this program is planned with input from community and neighborhood groups with the support of the Seattle Police Department.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	1,951	76	78	4	5	5	5	5	2,129
<b>Project Total:</b>	1,951	76	78	4	5	5	5	5	2,129
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,951	76	78	4	5	5	5	5	2,129
<b>Appropriations Total*</b>	1,951	76	78	4	5	5	5	5	2,129
<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 in thousands of dollars.*

**North Services - Overhead and Underground**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1993  
**Project ID:** 8120      **End Date:** 4th Quarter 2011

**Location:** 1300 N 97th St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Northwest      **Urban Village:** Aurora-Licton

This project provides electrical services from the street right-of-way to the customer in response to power requests. The number of requests fluctuates with land use development and customer demand. This project designs, installs, and energizes new or enlarged electrical services to serve the electrical demands of the industrial, commercial, and residential customers in the northern half of the service area. The project includes removal of old services, renovation of existing services, and installation of new services. It also designs, installs, and energizes relocated overhead or underground systems needed to make worksites safe for contractors' equipment and personnel in accordance with the National Electrical Service Code. Travel and other costs of providing new or enlarged services to generation facilities are included, and requests for voluntary underground projects are fulfilled in this project. Operations and Maintenance costs are not expected to change as a result of this project. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	67,959	9,138	9,173	8,576	8,803	8,984	9,180	9,366	131,179
<b>Project Total:</b>	67,959	9,138	9,173	8,576	8,803	8,984	9,180	9,366	131,179
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	67,959	9,138	9,173	8,576	8,803	8,984	9,180	9,366	131,179
<b>Appropriations Total*</b>	67,959	9,138	9,173	8,576	8,803	8,984	9,180	9,366	131,179
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**Office Furniture and Equipment Purchase**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 9103      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Office Furniture and Equipment Purchase project provides for procurement of office equipment and furnishings that cost more than \$5,000 each. Modular office workstations, conference and training room furniture, and major office machines are some examples of items acquired under this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	24,543	284	52	53	55	56	57	59	25,159
<b>Project Total:</b>	24,543	284	52	53	55	56	57	59	25,159
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	24,543	284	52	53	55	56	57	59	25,159
<b>Appropriations Total*</b>	24,543	284	52	53	55	56	57	59	25,159
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Performance Management and Budgeting System**

**BCL/Program Name:** Financial Services - CIP      **BCL/Program Code:** SCL550  
**Project Type:** New Investment      **Start Date:** 3rd Quarter 2005  
**Project ID:** 9933      **End Date:** 4th Quarter 2005

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

In order to create tight links between the Department's budgeting and the business strategy, City Light is reorganizing its budgeting and metrics reporting process to reflect the true costs of programs and the expected performance of the investment in each program. This involves the identification of a program structure for the Utility and performance metrics for each program. This project includes staffing, software and consultant support to implement this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	561	0	0	0	0	0	0	561
<b>Project Total:</b>	0	561	0	0	0	0	0	0	561
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	561	0	0	0	0	0	0	561
<b>Appropriations Total*</b>	0	561	0	0	0	0	0	0	561
<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 in thousands of dollars.*

**Physical Protection Systems for Facilities**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1998  
**Project ID:** 9154      **End Date:** 1st Quarter 2005

**Location:** 1300 N 97th St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Northwest      **Urban Village:** Aurora-Licton

This project includes system elements intended to prevent unauthorized actions capable of compromising the operation of City Light facilities. Hardware is used for detection; examples include intrusion sensors, alarms, and entry-control systems. Following detection is the need for delay; examples include barriers and locks. Both detection and delay are accomplished through hardware and/or guards. Project elements are those identified as being outside the scope of the Security Improvements project (9202), as determined by the Department's Vulnerability Assessment Team.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	162	0	0	0	0	0	0	0	162
<b>Project Total:</b>	162	0	0	0	0	0	0	0	162
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	162	0	0	0	0	0	0	0	162
<b>Appropriations Total*</b>	162	0	0	0	0	0	0	0	162
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Power Stations Demand Driven Improvements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** 7755      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

Periodically other electrical utilities in the region ask City Light to do cooperative work on shared lines and systems. Most of the requests come from the Bonneville Power Administration (BPA), Puget Sound Energy (PSE), or Snohomish County Public Utility District. In some instances, City Light bills costs to the originating agency. In 2004, City Light had requests from PSE and BPA for joint relay projects, with each entity paying for the equipment on its end of the line.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,882	130	64	1,277	1,269	1,299	1,327	1,356	11,604
<b>Project Total:</b>	4,882	130	64	1,277	1,269	1,299	1,327	1,356	11,604
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	4,882	130	64	1,277	1,269	1,299	1,327	1,356	11,604
<b>Appropriations Total*</b>	4,882	130	64	1,277	1,269	1,299	1,327	1,356	11,604
<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 in thousands of dollars.*

**Relaying Improvements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** 7753      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

Relays are protective devices that guard system components when electrical equipment fails. When a relay senses a problem with a major piece of equipment, it 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. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,245	1,141	1,229	2,386	1,133	1,140	1,161	1,184	10,619
<b>Project Total:</b>	1,245	1,141	1,229	2,386	1,133	1,140	1,161	1,184	10,619
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,245	1,141	1,229	2,386	1,133	1,140	1,161	1,184	10,619
<b>Appropriations Total*</b>	1,245	1,141	1,229	2,386	1,133	1,140	1,161	1,184	10,619
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Ross - Minor Improvements Program**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2005  
**Project ID:** 6402      **End Date:** 4th Quarter 2012

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides financing for unforeseeable, unscheduled capital work and/or for smaller capital projects with cost estimates of less than \$25,000. This project covers work specifically related to Ross Facilities.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	452	247	439	413	346	353	362	2,612
<b>Project Total:</b>	0	452	247	439	413	346	353	362	2,612
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	452	247	439	413	346	353	362	2,612
<b>Appropriations Total*</b>	0	452	247	439	413	346	353	362	2,612
<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 in thousands of dollars.*

**Ross Dam - AC/DC Distribution System Upgrade**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6373      **End Date:** 4th Quarter 2008

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Ross Dam - AC/DC Distribution System Upgrade project replaces the aging AC electrical distribution system at Ross Dam with a new AC electrical distribution system.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	62	147	563	155	0	0	0	927
<b>Project Total:</b>	0	62	147	563	155	0	0	0	927
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	62	147	563	155	0	0	0	927
<b>Appropriations Total*</b>	0	62	147	563	155	0	0	0	927
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Ross Powerhouse - Governors Replacement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1998  
**Project ID:** 6205      **End Date:** 4th Quarter 2010

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Ross Powerhouse - Governors Replacement project provides improved automatic signal processing and information management to Powerhouse operators and the Power Management Branch to reduce downtime and maximize power generation. The new digital technology also provides networking compatibility to support future information management objectives. The generator control upgrade work is scheduled for 2012. The Utility spent some funds on this project between 1999 and 2001 to replace the annunciators. An annunciator is part of an equipment control system that alerts the operator to events/status related to the equipment.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	555	0	0	0	665	743	204	0	2,167
<b>Project Total:</b>	555	0	0	0	665	743	204	0	2,167
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	555	0	0	0	665	743	204	0	2,167
<b>Appropriations Total*</b>	555	0	0	0	665	743	204	0	2,167
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	217	1,141	254	0	1,612

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

**Ross Powerhouse - Programmable Language Controller Upgrade**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2008  
**Project ID:** 6376      **End Date:** 1st Quarter 2010

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project replaces some of the Human-Machine Interface (HMI) and existing programmable-logic controllers (PLCs), with generating equipment at Ross Powerhouse for a more advanced, user-friendly technology. It replaces the existing Modicon PLC with a new processor/data acquisition system (Allen-Bradley PLC or Modicon upgrade), as well as the HMI system.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	162	411	3	0	576
<b>Project Total:</b>	0	0	0	0	162	411	3	0	576
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	162	411	3	0	576
<b>Appropriations Total*</b>	0	0	0	0	162	411	3	0	576
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Ross Powerhouse - Replace Generator Breakers**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2006  
**Project ID:** 6374      **End Date:** 4th Quarter 2009

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project replaces the air circuit breakers for Generators 41, 42, and 44 at the Ross Powerhouse.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	418	532	547	158	0	0	1,655
<b>Project Total:</b>	0	0	418	532	547	158	0	0	1,655
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	418	532	547	158	0	0	1,655
<b>Appropriations Total*</b>	0	0	418	532	547	158	0	0	1,655
<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 in thousands of dollars.*

**Ross Powerhouse - Replace Governor Oil Pumps**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2006  
**Project ID:** 6377      **End Date:** 3rd Quarter 2009

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	121	21	204	40	0	0	386
<b>Project Total:</b>	0	0	121	21	204	40	0	0	386
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	121	21	204	40	0	0	386
<b>Appropriations Total*</b>	0	0	121	21	204	40	0	0	386
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Ross Powerhouse - Unit 41 Generator Rebuild**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2008  
**Project ID:** 6382      **End Date:** 4th Quarter 2009

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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) by the end of 2013. This project rebuilds Generator 41 at Ross Powerhouse.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	4,825	1,426	0	0	6,251
<b>Project Total:</b>	0	0	0	0	4,825	1,426	0	0	6,251
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	4,825	1,426	0	0	6,251
<b>Appropriations Total*</b>	0	0	0	0	4,825	1,426	0	0	6,251
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	487	5,764	0	0	6,251

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**Ross Powerhouse - Unit 42 Generator Rebuild**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2003  
**Project ID:** 6379      **End Date:** 3rd Quarter 2005

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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) by the end of 2013. This project rebuilds Generator 42 at Ross Powerhouse.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,773	2,036	0	0	0	0	0	0	5,809
<b>Project Total:</b>	3,773	2,036	0	0	0	0	0	0	5,809
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	3,773	2,036	0	0	0	0	0	0	5,809
<b>Appropriations Total*</b>	3,773	2,036	0	0	0	0	0	0	5,809
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Ross Powerhouse - Unit 43 Generator Rebuild**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 6380      **End Date:** 2nd Quarter 2007

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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) by the end of 2013. This project rebuilds Generator 43 at Ross Powerhouse.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	4,330	1,293	163	0	0	0	0	5,786
<b>Project Total:</b>	0	4,330	1,293	163	0	0	0	0	5,786
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	4,330	1,293	163	0	0	0	0	5,786
<b>Appropriations Total*</b>	0	4,330	1,293	163	0	0	0	0	5,786
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		638	4,575	573	0	0	0	0	5,786

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

**Ross Powerhouse - Unit 44 Generator Rebuild**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2006  
**Project ID:** 6381      **End Date:** 4th Quarter 2007

**Location:** Milepost 128 State Highway 20

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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) by the end of 2013. This project rebuilds Generator 44 at Ross Powerhouse.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	4,399	1,358	0	0	0	0	5,757
<b>Project Total:</b>	0	0	4,399	1,358	0	0	0	0	5,757
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	4,399	1,358	0	0	0	0	5,757
<b>Appropriations Total*</b>	0	0	4,399	1,358	0	0	0	0	5,757
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	444	5,313	0	0	0	0	5,757

**Safety Modifications**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 1979  
**Project ID:** 9006      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

The Safety Modifications project provides a source of funds for unscheduled safety projects. Unscheduled work typically involves small safety improvements costing less than \$50,000. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project for year 2005 in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,153	110	111	203	209	215	220	224	4,445
<b>Project Total:</b>	3,153	110	111	203	209	215	220	224	4,445
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	3,153	110	111	203	209	215	220	224	4,445
<b>Appropriations Total*</b>	3,153	110	111	203	209	215	220	224	4,445
<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 in thousands of dollars.*

**Seattle Monorail Project - City Light**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 2002  
**Project ID:** 8306      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Seattle Monorail Project (SMP) is planning a 14-mile route between Ballard and West Seattle that travels through downtown Seattle, with up to 19 stations. It plans to serve a number of communities and destinations within Seattle, including Ballard, Interbay, Queen Anne, Seattle Center, Key Arena, Belltown and the Downtown retail core, Pike Place Market, Ferry Terminal, Pioneer Square, International District, Qwest Field, Safeco Field, South Downtown and West Seattle. This project relocates City Light transmission and distribution facilities, and provides service connections and capacity in conjunction with the Seattle Monorail Project. City Light engineers and crews coordinate, design and construct this work. The project was on a fast track schedule and City Light line relocations were programmed to occur in the initial construction phase of the project. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP. In the Spring of 2005, the State Treasurer questioned the ability of the SMP, given existing funding sources, to complete the project. Efforts to devise a new funding plan were started and continue at the printing of this document. The Mayor, in August, 2005, informed the SMP Board of Directors that it must provide the City by mid-September with a proposal for proceeding with the project, or the project cannot count on the use of City right-of-way to construct the system. The status of this project is uncertain at this time. See also the Seattle Monorail Project in the Seattle Public Utilities CIP (C404301).

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	252	5,926	0	0	0	0	0	0	6,178
<b>Project Total:</b>	252	5,926	0	0	0	0	0	0	6,178
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	252	5,926	0	0	0	0	0	0	6,178
<b>Appropriations Total*</b>	252	5,926	0	0	0	0	0	0	6,178
<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 in thousands of dollars.*

**Security Improvements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 3rd Quarter 2005  
**Project ID:** 9202      **End Date:** 4th Quarter 2009

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Security Improvements project improves physical and cyber security to comply with directives from the Department of Homeland Security, the North American Reliability Council, and prudent utility practice. Elements of this project protect City Light buildings and the related physical plant against attack by terrorists, thieves, or vandals. The project also equips City Light to better respond to natural disasters and other business disruptions. Work undertaken through this capital project is recommended by the Department's Vulnerability Assessment Team. The team has evaluated security needs at all major City Light sites using a prioritized vulnerability list.

Projects include measures to prevent unauthorized actions compromising City Light facilities. Both detection and delay are accomplished with hardware and guards. Detection hardware includes intrusion sensors, alarms, and entry-control systems. Following detection is delay; examples of delaying hardware includes barriers and locks.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,539	1,587	1,765	1,144	565	0	0	6,600
<b>Project Total:</b>	0	1,539	1,587	1,765	1,144	565	0	0	6,600
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	1,539	1,587	1,765	1,144	565	0	0	6,600
<b>Appropriations Total*</b>	0	1,539	1,587	1,765	1,144	565	0	0	6,600
<b>O &amp; M Costs (Savings)</b>			334	342	350	359	368	377	2,130
<b>Spending Plan</b>		930	1,587	1,765	1,144	1,174	0	0	6,600

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

**Seismic Mitigation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP  
**Project Type:** Improved Facility  
**Project ID:** 9134

**BCL/Program Code:** SCL250  
**Start Date:** 1st Quarter 1996  
**End Date:** 4th Quarter 2011

**Location:** 1300 N 97th St

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Aurora-Licton

The Seismic Mitigation project provides 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 requirements of the site during emergency conditions. Examples of seismic projects include seismic bracing to correct significant deficiencies identified in a structural survey (East Pine Substation), and designing and constructing previously identified seismic upgrades concurrent with the North Service Center remodel project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,567	0	61	62	64	279	211	69	5,313
<b>Project Total:</b>	4,567	0	61	62	64	279	211	69	5,313
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	4,567	0	61	62	64	279	211	69	5,313
<b>Appropriations Total*</b>	4,567	0	61	62	64	279	211	69	5,313
<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 in thousands of dollars.*

**Shoreline Undergrounding: North City and Aurora Avenue North**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** 8320      **End Date:** 4th Quarter 2006

**Location:** 2136 N 163rd St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project provides a financial mechanism to provide undergrounding or relocation of overhead distribution circuits as requested by the City of Shoreline. Project costs are recovered through rates charged in that jurisdiction. A franchise agreement provides the basic authority for the recovery, and a specific project reimbursement agreement is being negotiated with the City of Shoreline to establish the details of the financing mechanism. Ordinance 121753 in 2005 reduced the allocation shown for this project in year 2005, and increase the allocation shown for the project n year 2006, in the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	4,637	2,010	0	0	0	0	0	6,647
<b>Project Total:</b>	0	4,637	2,010	0	0	0	0	0	6,647
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	4,637	2,010	0	0	0	0	0	6,647
<b>Appropriations Total*</b>	0	4,637	2,010	0	0	0	0	0	6,647
<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 in thousands of dollars.*

**Skagit - Minor Improvements Program**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6405      **End Date:** 4th Quarter 2012

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project provides financing for unforeseeable, unscheduled capital work and/or for smaller capital projects with cost estimates of less than \$25,000. This project covers work specifically related to general Skagit Facilities. Ordinance 121753 in 2005 increased the allocation shown for this project in years 2005, 2006, 2007, and 2008 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	557	874	1,271	661	669	683	700	5,415
<b>Project Total:</b>	0	557	874	1,271	661	669	683	700	5,415
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	557	874	1,271	661	669	683	700	5,415
<b>Appropriations Total*</b>	0	557	874	1,271	661	669	683	700	5,415
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Skagit Facilities - Diablo Road Repaving**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2007  
**Project ID:** 6428      **End Date:** 2nd Quarter 2008

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project repaves the road between Highway 20 and the North Cascades Environmental Learning Center. Ordinance 121753 in 2005 reduced the allocation shown for this project in year 2005, and increased the allocation shown for this project in years 2007 and 2008 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	415	143	0	0	0	558
<b>Project Total:</b>	0	0	0	415	143	0	0	0	558
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	415	143	0	0	0	558
<b>Appropriations Total*</b>	0	0	0	415	143	0	0	0	558
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Skagit Facilities - Radio System Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6421      **End Date:** 4th Quarter 2006

**Location:** 10382 Boundary Rd

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

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.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	239	835	0	0	0	0	0	1,074
<b>Project Total:</b>	0	239	835	0	0	0	0	0	1,074
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	239	835	0	0	0	0	0	1,074
<b>Appropriations Total*</b>	0	239	835	0	0	0	0	0	1,074
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Skagit Facilities - Renovate Camp Housing**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2006  
**Project ID:** 6426      **End Date:** 3rd Quarter 2008

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project remodels camp housing facilities located in Newhalem: House 6 (the V.I.P. House), the Hotel, the Pansy House, and Bunkhouse 70. These buildings provide lodging for City Light staff members, including employees based in Skagit and those traveling to Skagit on business from other City Light sites. Occasionally family members, contractors, and visitors are also lodged in these buildings. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in years 2005, 2006, and 2007 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	219	310	78	0	0	0	607
<b>Project Total:</b>	0	0	219	310	78	0	0	0	607
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	219	310	78	0	0	0	607
<b>Appropriations Total*</b>	0	0	219	310	78	0	0	0	607
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Skagit Flood Damage Rebuilds**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2003  
**Project ID:** 6397      **End Date:** 3rd Quarter 2005

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project rebuilds infrastructure damaged beyond repair at the Skagit Hydroelectric Project by an October 16, 2003 storm, subsequent flooding and earth movement. The scope includes rebuilding the Gorge 7 kV Overhead Line Road, the Gorge Dam Access Road and the Babcock Creek Road.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	759	219	0	0	0	0	0	0	978
<b>Project Total:</b>	759	219	0	0	0	0	0	0	978
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	759	219	0	0	0	0	0	0	978
<b>Appropriations Total*</b>	759	219	0	0	0	0	0	0	978
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Skagit Licensing Mitigation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1991  
**Project ID:** 6991      **End Date:** 4th Quarter 2011

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Skagit Licensing Mitigation project provides environmental mitigation to minimize adverse project impacts. The remaining subproject in this project is the purchase and management of wildlife lands described in the Wildlife Settlement Agreement. Funds will be allocated for land management over the term of the license until 2026. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in years 2005, 2006, and 2007 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	33,617	156	176	166	272	167	169	172	34,895
<b>Project Total:</b>	33,617	156	176	166	272	167	169	172	34,895
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	33,617	156	176	166	272	167	169	172	34,895
<b>Appropriations Total*</b>	33,617	156	176	166	272	167	169	172	34,895
<b>O &amp; M Costs (Savings)</b>			36	37	37	38	39	40	227

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**Skagit Plant Automation**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6385      **End Date:** 4th Quarter 2005

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project integrates and coordinates all the existing and new automation, controls and monitoring-related requirements at Skagit into one program to achieve consistency and full integration, including detailed design and implementation.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	65	0	0	0	0	0	0	65
<b>Project Total:</b>	0	65	0	0	0	0	0	0	65
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	65	0	0	0	0	0	0	65
<b>Appropriations Total*</b>	0	65	0	0	0	0	0	0	65
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Skagit Powerhouses - Install Protection Relays**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 3rd Quarter 2005  
**Project ID:** 6415      **End Date:** 3rd Quarter 2008

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project enhances generating reliability by adding protective relays to generating systems. The project includes addition of microprocessor relays to the existing system, adds certain auxiliary protective equipment, and modifies the design of the existing protection system to upgrade function.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	198	164	123	29	0	0	0	514
<b>Project Total:</b>	0	198	164	123	29	0	0	0	514
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	198	164	123	29	0	0	0	514
<b>Appropriations Total*</b>	0	198	164	123	29	0	0	0	514
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Skagit Security Systems**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2003  
**Project ID:** 6388      **End Date:** 2nd Quarter 2006

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** 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 a detection system. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in year 2005 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	277	488	32	0	0	0	0	0	797
<b>Project Total:</b>	277	488	32	0	0	0	0	0	797
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	277	488	32	0	0	0	0	0	797
<b>Appropriations Total*</b>	277	488	32	0	0	0	0	0	797
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Sound Transit Light Rail - City Light**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1998  
**Project ID:** 8204      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

This project relocates City Light transmission and distribution facilities, and provides service connections and capacity to the Sound Transit Link Light Rail project. This requires continual coordination, design and construction work by engineers and crews, respectively. Active design and construction is ongoing in a 14-mile corridor from downtown Seattle to 154th Street in Tukwila. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP. Planning and design for the North Link area is anticipated in the 2005 to 2007 period.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	8,807	11,952	14,153	11,159	3,604	2,027	1,555	999	54,256
<b>Project Total:</b>	8,807	11,952	14,153	11,159	3,604	2,027	1,555	999	54,256
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	8,807	11,952	14,153	11,159	3,604	2,027	1,555	999	54,256
<b>Appropriations Total*</b>	8,807	11,952	14,153	11,159	3,604	2,027	1,555	999	54,256
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**South 26 kV Conversion**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1993  
**Project ID:** 8125      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The South 26 kV Conversion project replaces all old 4 kV electrical equipment remaining in the electrical distribution system with more reliable 26 kV distribution equipment. Operations and maintenance costs are not expected to change as a result of this project. Ordinance 121753, adopted in 2005 reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	26,878	373	333	1,279	1,329	1,360	1,390	1,419	34,361
<b>Project Total:</b>	26,878	373	333	1,279	1,329	1,360	1,390	1,419	34,361
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	26,878	373	333	1,279	1,329	1,360	1,390	1,419	34,361
<b>Appropriations Total*</b>	26,878	373	333	1,279	1,329	1,360	1,390	1,419	34,361
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**South Arterial Streetlights Major Maintenance**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2000  
**Project ID:** 8210      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides necessary capital improvements and replacements to the City of Seattle's arterial streetlights in the southern part of the service area. The City transferred ownership of 18,600 arterial streetlights to City Light at the end of 1999. City Light is responsible for maintaining these lights. Of those 18,600 streetlights, 5,000-6,000 lights are on poles installed exclusively for streetlighting. Many of these are fed by underground conductors. Projects include streetlight pole and foundation work, installation of streetlights and underground infrastructure replacement. Work is performed under the direction of the Seattle Department of Transportation (SDOT). Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in year 2005 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	356	250	231	220	226	230	235	240	1,988
<b>Project Total:</b>	356	250	231	220	226	230	235	240	1,988
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	356	250	231	220	226	230	235	240	1,988
<b>Appropriations Total*</b>	356	250	231	220	226	230	235	240	1,988
<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 in thousands of dollars.*

**South Capacity Additions**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1993  
**Project ID:** 8123      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The South Capacity Additions 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, and adds or renovates underground facilities in the distribution system in the southern half of the service area. 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. Operations and maintenance costs are not expected to change as a result of this project. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	98,172	6,616	7,021	7,388	7,592	7,752	7,924	8,082	150,547
<b>Project Total:</b>	98,172	6,616	7,021	7,388	7,592	7,752	7,924	8,082	150,547
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	98,172	6,616	7,021	7,388	7,592	7,752	7,924	8,082	150,547
<b>Appropriations Total*</b>	98,172	6,616	7,021	7,388	7,592	7,752	7,924	8,082	150,547
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**South Lake Union - Roy Street Property**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 2003  
**Project ID:** 8309      **End Date:** 4th Quarter 2005

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project funds acquisition of property to ensure access to a suitable power substation site should development of a South Lake Union Substation be authorized. Increased development in the South Lake Union area has caused increased power demands that must be met by increasing distribution capacity.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	423	5,184	0	0	0	0	0	0	5,607
<b>Project Total:</b>	423	5,184	0	0	0	0	0	0	5,607
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	423	5,184	0	0	0	0	0	0	5,607
<b>Appropriations Total*</b>	423	5,184	0	0	0	0	0	0	5,607
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**South Lake Union Streetcar - City Light**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2006  
**Project ID:** 8330      **End Date:** 4th Quarter 2007

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project relocates electrical facilities that are impacted by the South Lake Union Streetcar route. The Utility's work includes relocating electrical infrastructure, constructing new reinforced duct banks crossing under the track alignment, building new vaults to replace those at which access is compromised, and performing other work as required. City Light works closely with SDOT and its consultants and contractors, and prepares electrical system designs and civil infrastructure layouts. City Light crews perform the electrical relocation work, provide standby support required for civil construction, and perform quality assurance inspection for civil construction. Outside of this project budget, City Light looks to SDOT to provide budget for the civil design and construction of electrical infrastructure relocations. The work performed by City Light is reimbursable.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1,240	932	0	0	0	0	2,172
<b>Project Total:</b>	0	0	1,240	932	0	0	0	0	2,172
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	1,240	932	0	0	0	0	2,172
<b>Appropriations Total*</b>	0	0	1,240	932	0	0	0	0	2,172
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**South Lake Union Substation Development**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 3rd Quarter 2005  
**Project ID:** 7757      **End Date:** 4th Quarter 2012

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

City Light expects that by 2011 the development of the South Lake Union district will require a 200 MVA substation in the area. If the Interbay Substation is energized by 2008, the Utility anticipates that energizing a new South Lake Union Substation can be deferred until at least 2011. The factors determining the timing of this substation include actual and anticipated load growth in the South Lake Union Area, and the demand for power from other substations that could possibly serve the area. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project for year 2005, and increased the allocation shown for this project for year 2006 in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	3,467	0	0	22,278	23,082	24,021	72,848
<b>Project Total:</b>	0	0	3,467	0	0	22,278	23,082	24,021	72,848
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	3,467	0	0	22,278	23,082	24,021	72,848
<b>Appropriations Total*</b>	0	0	3,467	0	0	22,278	23,082	24,021	72,848
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	3,467	0	0	333	23,082	24,021	50,903

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**South New Street and Flood Lighting**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1995  
**Project ID:** 8133      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

City Light's service area includes cities and areas of unincorporated King County south of the Seattle city limits. Some of these areas have no provision for publicly funded streetlighting. As a result, the customers in these areas that desire additional streetlighting must pay for it as individuals or small neighborhood groups. The South New Street and Flood Lighting project provides City Light customers in the south service area requesting streetlights and floodlights with rental streetlights and floodlights attached to City Light poles. This service is provided to customers pursuant to City Light Rate Ordinance #116619. Operations and maintenance costs are not expected to change as a result of this project. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	2,315	213	204	219	224	229	234	238	3,876
<b>Project Total:</b>	2,315	213	204	219	224	229	234	238	3,876
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	2,315	213	204	219	224	229	234	238	3,876
<b>Appropriations Total*</b>	2,315	213	204	219	224	229	234	238	3,876
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**South Outage Replacements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2001  
**Project ID:** 8303      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project supports the capitalized portion of work resulting from unplanned outages to ensure that customers' electric power is restored as quickly as possible. This project covers outage replacement work in the southern half of the service area. Unplanned outages result from events such as storms, accidents, and equipment failures. Replacement includes immediate repairs, and in some instances construction of new underground infrastructure to bypass failing cables or equipment. Pole and transformer replacements 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. Operations and maintenance costs are not expected to change as a result of this project. Ordinance 121753 in 2005 reduced year 2005 and 2006 allocations shown for this project in the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,345	1,430	1,329	1,254	1,288	1,314	1,342	1,370	10,672
<b>Project Total:</b>	1,345	1,430	1,329	1,254	1,288	1,314	1,342	1,370	10,672
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,345	1,430	1,329	1,254	1,288	1,314	1,342	1,370	10,672
<b>Appropriations Total*</b>	1,345	1,430	1,329	1,254	1,288	1,314	1,342	1,370	10,672
<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 in thousands of dollars.*

**South Relocations**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP

**BCL/Program Code:** SCL350

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2001

**Project ID:** 8305

**End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project moves electrical lines to accommodate or take advantage of projects being constructed by other jurisdictions. The project builds new and replaces old line segments, installs and replaces poles, and adds or renovates underground facilities to the distribution system in the southern half of the service area, 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 by the requesting agencies. Operations and maintenance costs are not expected to change as a result of this project. Included in the project are travel and other costs for visits to remote sites needing system relocations. Ordinance 121753, adopted in 2005, reduced year 2005 and 2006 allocations shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,867	6,065	6,807	8,031	7,749	7,908	8,080	8,244	60,751
<b>Project Total:</b>	7,867	6,065	6,807	8,031	7,749	7,908	8,080	8,244	60,751
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	7,867	6,065	6,807	8,031	7,749	7,908	8,080	8,244	60,751
<b>Appropriations Total*</b>	7,867	6,065	6,807	8,031	7,749	7,908	8,080	8,244	60,751
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**South Residential Streetlight Improvements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1995  
**Project ID:** 8135      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** In more than one Plan      **Neighborhood Plan Matrix:** Multiple  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

The South Residential Streetlight Improvements project improves public safety by installing additional residential streetlights, initially prioritizing high-crime and low-income locations, within the South Service territory and within the Seattle city limits. The additional lights double the light levels to comply with the standard currently recommended by the Illumination Engineering Society and the American National Standards Institute. The annual scope of this program is planned with input from community and neighborhood groups with the support of the Seattle Police Department. Operations and maintenance costs are not expected to change as a result of this project. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,667	167	162	190	196	200	204	208	2,994
<b>Project Total:</b>	1,667	167	162	190	196	200	204	208	2,994
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,667	167	162	190	196	200	204	208	2,994
<b>Appropriations Total*</b>	1,667	167	162	190	196	200	204	208	2,994
<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 in thousands of dollars.*

**South Services - Overhead and Underground**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1993  
**Project ID:** 8121      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides electrical services from the street right-of-way to the customer in response to power requests. The number of requests fluctuates with land use development and customer demand. This project designs, installs, and energizes new or enlarged electrical services to serve the electrical demands of the industrial, commercial, and residential customers in the southern half of the service area. The project includes removal of old services, renovation of existing services, and installation of new services. It also designs, installs, and energizes relocated overhead or underground systems needed to make worksites safe for contractors' equipment and personnel in accordance with the National Electrical Service Code. Travel and other costs of providing new or enlarged services to generation facilities are included, and requests for voluntary underground projects are fulfilled in this project. Operations and Maintenance costs are not expected to change as a result of this project. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	57,962	5,333	5,227	5,000	5,132	5,237	5,351	5,460	94,702
<b>Project Total:</b>	57,962	5,333	5,227	5,000	5,132	5,237	5,351	5,460	94,702
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	57,962	5,333	5,227	5,000	5,132	5,237	5,351	5,460	94,702
<b>Appropriations Total*</b>	57,962	5,333	5,227	5,000	5,132	5,237	5,351	5,460	94,702
<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 in thousands of dollars.*

**Special Work Equipment - Generation Plant**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 6102      **End Date:** 4th Quarter 2011

**Location:** 10382 Outside the City

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

The Special Work Equipment - Generation Plant project provides funds for purchase of special work equipment, machinery, and tools to be used for the activities or operations of the Generation Branch, including all the Utility's generating sites. Purchases are based on a five-year plan, updated for technological improvements. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in years 2005, 2006, and 2007 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,381	615	410	416	426	433	446	454	10,581
<b>Project Total:</b>	7,381	615	410	416	426	433	446	454	10,581
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	7,381	615	410	416	426	433	446	454	10,581
<b>Appropriations Total*</b>	7,381	615	410	416	426	433	446	454	10,581
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**Special Work Equipment - Other Plant**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 1979  
**Project ID:** 9102      **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Special Work Equipment - Other Plant project provides new tools and work equipment to replace old or broken tools or work equipment ensuring field crews and other employees may 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	18,002	607	388	566	584	597	612	623	21,979
<b>Project Total:</b>	18,002	607	388	566	584	597	612	623	21,979
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	18,002	607	388	566	584	597	612	623	21,979
<b>Appropriations Total*</b>	18,002	607	388	566	584	597	612	623	21,979
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Special Work Equipment - Substation Plant**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1999  
**Project ID:** 7902      **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Special Work Equipment - Substation Plant project provides funding to purchase tools and special work equipment that can be capitalized. New equipment allows crews to accomplish their work in a safe, timely, and efficient manner. This project is ongoing and provides essential tools to accomplish high-voltage electrical and crafts work. The project purchases equipment costing more than \$5,000 per unit.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,334	158	79	119	123	126	129	132	2,200
<b>Project Total:</b>	1,334	158	79	119	123	126	129	132	2,200
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,334	158	79	119	123	126	129	132	2,200
<b>Appropriations Total*</b>	1,334	158	79	119	123	126	129	132	2,200
<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 in thousands of dollars.*

**Substation Capacity Additions**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** 7751      **End Date:** 1st Quarter 2014

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Substation Capacity Additions project adds new infrastructure to existing substations and systems. This work differs from project 7752 (Substation Equipment Improvements) in that it 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, adding transformers and related equipment, reconfiguring and extending get-aways to the distribution grid, and building ring buses. The Transmission and Distribution Planning Division has outlined a program to change iron bus work structures to aluminum. This is a capacity project because aluminum improves conduction of electrical current and adds to the capacity of the bus section. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,759	1,380	1,453	2,828	2,864	2,174	2,691	2,588	19,737
<b>Project Total:</b>	3,759	1,380	1,453	2,828	2,864	2,174	2,691	2,588	19,737
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	3,759	1,380	1,453	2,828	2,864	2,174	2,691	2,588	19,737
<b>Appropriations Total*</b>	3,759	1,380	1,453	2,828	2,864	2,174	2,691	2,588	19,737
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Substation Comprehensive Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2000  
**Project ID:** 9161      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Substation Comprehensive Improvements project improves substations to provide adequate facilities for assigned personnel and makes necessary upgrades to ensure the facility integrity. Each substation is upgraded in a prioritized sequence and all identified projects completed under one contract in order to minimize disruption to operations. These improvements are identified in City Light's Comprehensive Facilities Plan. The project includes items to support assigned personnel, such as lunch and locker room facilities required by the union contracts, work areas for crew chiefs, ventilation and heating systems, and correction of water, sewer, security, and other significant building-related concerns. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in years 2005, 2006, and 2007 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,497	822	374	173	173	173	177	180	3,569
<b>Project Total:</b>	1,497	822	374	173	173	173	177	180	3,569
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,497	822	374	173	173	173	177	180	3,569
<b>Appropriations Total*</b>	1,497	822	374	173	173	173	177	180	3,569
<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 in thousands of dollars.*

**Substation Equipment Improvements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 2nd Quarter 2000  
**Project ID:** 7752      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Substation Equipment Improvements 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, control equipment; and facilities improvement subprojects that are not funded through the Substation Plant Improvements project (7750). Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	18,567	4,729	3,861	6,050	5,439	4,597	4,405	4,425	52,073
<b>Project Total:</b>	18,567	4,729	3,861	6,050	5,439	4,597	4,405	4,425	52,073
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	18,567	4,729	3,861	6,050	5,439	4,597	4,405	4,425	52,073
<b>Appropriations Total*</b>	18,567	4,729	3,861	6,050	5,439	4,597	4,405	4,425	52,073
<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 in thousands of dollars.*

**Substation Plant Improvements**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** 7750      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District      **Urban Village:** In more than one Urban Village

The Substation Plant Improvements project upgrades and retrofits substation buildings, their facilities and systems, and related structures. The project includes environmental improvements, as well as removing and replacing outdated utilities and structures. The project objective is to provide station security, safe working conditions, and related services, such as water, sewer and lighting. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,092	2,397	2,329	1,877	1,921	1,962	2,006	2,045	15,629
<b>Project Total:</b>	1,092	2,397	2,329	1,877	1,921	1,962	2,006	2,045	15,629
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	1,092	2,397	2,329	1,877	1,921	1,962	2,006	2,045	15,629
<b>Appropriations Total*</b>	1,092	2,397	2,329	1,877	1,921	1,962	2,006	2,045	15,629
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Tolt - Penstock Crossover Connection**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** New Facility      **Start Date:** 1st Quarter 2006  
**Project ID:** 6360      **End Date:** 2nd Quarter 2007

**Location:** South Fork Tolt River

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project connects the Seattle Public Utilities and City Light penstocks by installing 40 feet of pipe with two valves. Ordinance 121753 in 2005 reduced the allocation shown for this project in year 2005, and increased the allocation shown for this project in year 2006 of the 2005-10 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	504	12	0	0	0	0	516
<b>Project Total:</b>	0	0	504	12	0	0	0	0	516
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	504	12	0	0	0	0	516
<b>Appropriations Total*</b>	0	0	504	12	0	0	0	0	516
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**Tolt Powerhouse - Power Monitoring Equipment Upgrades**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2008  
**Project ID:** 6323      **End Date:** 3rd Quarter 2008

**Location:** 19901 Cedar Falls Rd SE

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project installs a generator totalizer and clock to track running hours and creates voltage charts.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	95	0	0	0	95
<b>Project Total:</b>	0	0	0	0	95	0	0	0	95
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	95	0	0	0	95
<b>Appropriations Total*</b>	0	0	0	0	95	0	0	0	95
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Tolt Powerhouse - Storage & Safety Improvements**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2010  
**Project ID:** 6322      **End Date:** 3rd Quarter 2010

**Location:** 19901 Cedar Falls Rd SE

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project installs a storage building for the Tolt Powerhouse, installs an access ladder and catwalk to provide safe access to the bridge crane, and replaces the Tolt River return grating with "grip strut" non-slip walkway grating.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	144	0	144
<b>Project Total:</b>	0	0	0	0	0	0	144	0	144
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	0	0	0	0	144	0	144
<b>Appropriations Total*</b>	0	0	0	0	0	0	144	0	144
<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 in thousands of dollars.*

**Tolt Powerhouse - Valve 25 Remote Operation Modification**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2006  
**Project ID:** 6427      **End Date:** 4th Quarter 2007

**Location:** 19901 Cedar Falls Rd SE

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project refurbishes and modifies Valve 25 for operation from the System Control Center and Seattle Public Utilities' Operational Control Center by replacing the actuator and installing control and indication wiring in existing conduit to powerhouse. It also replaces the position indicator and re-packs or adjusts the packing. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in year 2005, and increased the allocation shown for this project in year 2006 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	95	143	0	0	0	0	238
<b>Project Total:</b>	0	0	95	143	0	0	0	0	238
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	0	0	95	143	0	0	0	0	238
<b>Appropriations Total*</b>	0	0	95	143	0	0	0	0	238
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**Transmission & Generation Radio Systems**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1998  
**Project ID:** 9108      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Transmission & Generation Radio Systems project builds or replaces communications infrastructure consisting of fiber optic cable for SONET (Synchronous Optical Network), digital microwave, and conventional voice two-way radio systems. This project supports the Federal Energy Regulatory Commission-mandated vital communications systems which provide City Light's Command and Control through Supervisory Control and Data Acquisition (SCADA), two-way radios, and the Energy Management System to ensure the safety of field employees. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in years 2005, 2006, and 2007 of the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,903	1,350	1,480	1,653	1,694	1,729	1,770	1,803	16,382
<b>Project Total:</b>	4,903	1,350	1,480	1,653	1,694	1,729	1,770	1,803	16,382
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	4,903	1,350	1,480	1,653	1,694	1,729	1,770	1,803	16,382
<b>Appropriations Total*</b>	4,903	1,350	1,480	1,653	1,694	1,729	1,770	1,803	16,382
<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 in thousands of dollars.*

**Transmission Capacity**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 7011      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

Transmission Capacity is the power capacity available to meet the load on the transmission system. This capacity is either calculated thermally or based on line clearances. This project includes all work required to upgrade, build new lines, relocate lines and provide for system needs as it relates to the transmission system. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,849	791	745	505	515	525	536	547	10,013
<b>Project Total:</b>	5,849	791	745	505	515	525	536	547	10,013
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	5,849	791	745	505	515	525	536	547	10,013
<b>Appropriations Total*</b>	5,849	791	745	505	515	525	536	547	10,013
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Transmission Inter-Agency**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** 7105      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Transmission Inter-Agency project provides demand-driven transmission 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. Current projects include a request by Burlington Northern Santa Fe Railway to raise three transmission lines and a request by Puget Sound Energy to reconductor the Bothell-Sammamish Line. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	333	196	200	186	191	195	199	203	1,703
<b>Project Total:</b>	333	196	200	186	191	195	199	203	1,703
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	333	196	200	186	191	195	199	203	1,703
<b>Appropriations Total*</b>	333	196	200	186	191	195	199	203	1,703
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**Transmission Reliability**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2001  
**Project ID:** 7104      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project includes all engineering and construction to improve or maintain the reliability of the overhead or underground transmission system. Reliability projects may include line rebuilds, new lines to enhance reliability of a substation, new line configuration to improve operation, and relocations required to maintain the transmission system. Current projects include correcting 115 kV violations; replacing wooden poles; replacing conductors; replacing LED tower lights to conform with Federal Aviation Administration standards; replacing tower structures; performing x-ray assessments; and upgrading cathodic protection of underground transmission conductors.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	267	2,938	4,481	5,319	5,475	5,603	5,733	5,843	35,659
<b>Project Total:</b>	267	2,938	4,481	5,319	5,475	5,603	5,733	5,843	35,659
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	267	2,938	4,481	5,319	5,475	5,603	5,733	5,843	35,659
<b>Appropriations Total*</b>	267	2,938	4,481	5,319	5,475	5,603	5,733	5,843	35,659
<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 in thousands of dollars.*

**Union Street Substation Networks**

**BCL/Program Name:** Customer Services & Energy Delivery - CIP      **BCL/Program Code:** SCL350  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1998  
**Project ID:** 8201      **End Date:** 4th Quarter 2011

**Location:** 1312 Western AV

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown      **Urban Village:** Commercial Core

The Union Street Substation Networks project adds capacity and improves reliability of the electrical system to City Light customers in the Union Street Substation service area. Work may include installing new civil facilities (vaults and conduits), reconductoring and relocating primary feeders, upgrading network transformers, additions and separations to secondary bus ties, installing fire wrap on cables, transferring load between networks (cuts and taps), installing real-time ampacity equipment, installing primary switches for load transfer or sectionalizing, installing or replacing network protectors, installing fire-protection systems, and rebalancing feeders. Project elements include reconductoring feeder mainstem, replacing one failed primary cable, a rebalance reconfiguration, replacing one non-submersible network protector, firewrapping primary cables and improving manhole ground protection. Ordinance 121753, adopted in 2005, reduced the allocation shown for this project in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	15,674	757	1,665	344	336	339	345	352	19,812
<b>Project Total:</b>	15,674	757	1,665	344	336	339	345	352	19,812
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	15,674	757	1,665	344	336	339	345	352	19,812
<b>Appropriations Total*</b>	15,674	757	1,665	344	336	339	345	352	19,812
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Vehicle Replacement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** New Facility      **Start Date:** 1st Quarter 1979  
**Project ID:** 9101      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Vehicle Replacement project budgets funds to replace and expand, when required, City Light's heavy-duty mobile equipment fleet. It also funds gradual replacement of light-duty vehicles previously leased from the Fleets & Facilities Department and now owned by City Light.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	37,384	4,451	4,385	5,419	5,581	5,707	5,848	5,952	74,727
<b>Project Total:</b>	37,384	4,451	4,385	5,419	5,581	5,707	5,848	5,952	74,727
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	37,384	4,451	4,385	5,419	5,581	5,707	5,848	5,952	74,727
<b>Appropriations Total*</b>	37,384	4,451	4,385	5,419	5,581	5,707	5,848	5,952	74,727
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Work Process Management System**

**BCL/Program Name:** Financial Services - CIP      **BCL/Program Code:** SCL550  
**Project Type:** New Investment      **Start Date:** 1st Quarter 2001  
**Project ID:** 9927      **End Date:** 4th Quarter 2005

**Location:** 500 Newhalem St

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The Work Process Management System project develops a new maintenance management application using Maximo to support Generation Plant Operations, Power Stations, and the Communications Unit. This project constitutes phase 1 of an overall plan to improve maintenance management at City Light. The new application replaces eleven separate Wintercross Maintenance applications with an integrated Maximo database application. The new system includes an interface with the Human Resources Information System and Summit.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,858	448	0	0	0	0	0	0	7,306
<b>Project Total:</b>	6,858	448	0	0	0	0	0	0	7,306
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	6,858	448	0	0	0	0	0	0	7,306
<b>Appropriations Total*</b>	6,858	448	0	0	0	0	0	0	7,306
<b>O &amp; M Costs (Savings)</b>			1,062	1,087	1,113	1,140	1,169	1,198	6,769

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**Workplace and Process Improvement**

**BCL/Program Name:** Power Supply and Environmental Affairs - CIP      **BCL/Program Code:** SCL250  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 1999  
**Project ID:** 9159      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Workplace and Process Improvement project provides funds for alterations that preserve workplace comfort and efficiency. The focus of work in this project is primarily interior building elements not considered base building systems, but rather existing to serve the specific needs of the occupying work units. 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	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	397	0	135	141	145	148	152	155	1,273
<b>Project Total:</b>	397	0	135	141	145	148	152	155	1,273
<b>Fund Appropriations/Allocations</b>									
Seattle City Light Fund	397	0	135	141	145	148	152	155	1,273
<b>Appropriations Total*</b>	397	0	135	141	145	148	152	155	1,273
<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 in thousands of dollars.*

**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:

- 530 miles of sanitary sewers
- 500 miles of storm drains
- 1,000 miles of combined sewers
- 768 pump stations
- 93 permitted combined sewer overflow outfalls
- 277 storm drain outfalls
- 34 combined sewer overflow control detention tanks/pipes

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 Combined Sewer Overflow Reduction Plan and the Comprehensive Drainage Plan.

Historically, the DWF CIP has been funded primarily by revenue bonds. However, new DWF financial policies adopted in 2003 gradually increase cash contributions from the Utility to the CIP to 25% of total CIP costs, by 2007. Overhead costs for the CIP are budgeted in the Seattle Public Utilities operating fund and are reimbursed as CIP expenditures are incurred.

### Highlights

- **Combined Sewer Overflow (CSO) Program:** Approximately \$30 million is included in the 2006-2011 Proposed 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 2006-2011 Proposed CIP respond to federal regulations requiring that the City monitor and reduce CSOs. The South Lake Union (SLU) Combined Sewer Overflow –King County project coordinated and jointly funded by the City and King County, was completed in 2005 and is in close-out phase of the project. Other large construction projects identified in the 2001 CSO Reduction Plan (Plan) are being delayed to realize savings through optimization of the existing facilities prior to construction of large storage projects.
- **Flood Control, Local Drainage and Water Quality:** The City's Comprehensive Drainage Plan (CDP), originally written in 1988, was updated in 2004 to address flooding and water quality needs in a systematic manner citywide, and to establish a long-term schedule of both capital improvements and operating programs. This work is also intended to comply with the requirements of the pending renewal of Seattle's Federal Stormwater Permit. The CIP includes projects to implement both the CDP and the Mayor's Restore Our Waters Strategy to protect Seattle's aquatic environment. The CIP also includes funding from the Cumulative Reserve Subfund for an assessment of City-owned facilities stormwater for code compliance.
- **Habitat and 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 (Ecology), King County, and other PRPs on an assessment of contaminants and sources.

### Project Selection Process

SPU has adopted an Asset Management approach for selecting which projects to build. This is a triple bottom line approach in which projects are evaluated on their economic, social and environmental benefits and their ability to meet customer service levels. The approach provides an elaborate analytical and modeling framework to find the most economical balance between capital investments and operation and maintenance expenditures to minimize life cycle costs of any facility.

A committee of senior SPU executives, the Asset Management Committee (AMC), reviews each project valued at \$250,000 or more and assures that only projects that meet the benefit criteria move forward. Several projects have been dropped, as their costs were higher than their benefits. Several cost-effective master planning efforts were approved to create up-to-date improvement and upgrade plans for several groups of assets. Other projects have been expanded or expedited because their benefits exceeded their costs.

### Program Category Summaries

The Drainage and Wastewater CIP totals almost \$42 million in 2006 (including Technology projects funded by the Drainage and Wastewater Fund, displayed in a separate section of this CIP). It is composed of 10 program categories, summarized below. A detailed listing of all projects in the Drainage and Wastewater CIP follows this overview.

**Combined Sewer Overflow (CSO):** This program contains projects to plan, design, construct, and monitor facilities to control overflows from the combined and partially separated sewer system areas. Of the 105 CSO points, control technologies have been applied to 99. Monitoring of the effectiveness of these controls has resulted in SPU initiating additional work at a number of locations, as noted in the adopted CSO Plan amendment. The adopted CSO Plan amendment also discusses the plan for control of those CSO locations where work has not yet been completed.

**Flood Control and Local Drainage:** This program makes improvements to the City's drainage system to address flooding and provide neighborhood drainage systems. The program continues SPU's expanded role in addressing flooding and installing Natural Drainage System projects to reduce runoff and improve water quality in areas without full street improvements. The program provides funds for major drainage projects including the High Point Drainage System, the Pinehurst Natural Drainage System, and the MLK Way/Norfolk St. Storm Improvement project. The program also funds projects identified in the City's neighborhood plans, such as flood control projects in the Thornton Creek and Densmore Drainage Basins.

**General Wastewater:** This program funds studies to assess the need for system improvements, projects to improve system capacity and reliability, facility upgrades, equipment purchases, and joint projects with other agencies to improve the wastewater system. For 2006, a Pump Station Improvements program will begin to design and construct projects identified in the Pump Station Rehab Study.

**Habitat and Sediments:** This program funds sediment remediation studies and analyses as well as cleanup of contaminated sediment sites in which the City is a participant. In 2006, the South Park Soil Project is included in this program. The project funds long-term mitigation of PCB contamination discovered in South Park across the street from the Terminal 117 Superfund Early Action cleanup site. Starting in 2005, as per Ordinance 121796, this program includes the Sediment Remediation – Drainage project.

## SPU – Drainage & Wastewater

**Other Drainage:** This program makes improvements to the City's drainage system through partnerships with other agencies. The program also includes funding for other capital costs, such as heavy equipment, and for projects that improve the efficiency of the overall drainage program. In 2006, the program provides funds for drainage designers for the Seattle Department of Transportation (SDOT) to design the drainage portion of street improvements.

**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.

**Public Asset Protection:** This program makes improvements to the City's drainage system to reduce the risk to City infrastructure (such as roads and utilities) from landslides and to control stormwater runoff on steep hillsides so that stormwater does not contribute to landslides. The program includes funds for projects such as the SW Prescott/Admiral Way and the Burke Gilman/NE 144<sup>th</sup> landslide mitigation projects.

**Sewer Rehabilitation:** This program rehabilitates the City's collection system of sewer pipes. The Department establishes priorities for the program primarily based on the results of closed circuit television (CCTV) inspections and an asset management criticality analysis. The program funds full and partial replacement of sewer line segments, point repairs, and lining of pipes, as well as costs for emergency repairs.

**Shared Cost Projects:** This program includes capital improvement projects that receive funding from multiple SPU funds. In 2006, the program includes funding for the Alaskan Way Viaduct & Seawall, Facility Improvements, the SPU Operations Control Center Upgrade, a Utility Payment Center and Sound Transit Light Rail.

**Technology:** 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. In 2006, SPU will continue analyzing and evaluating data and systems to move drainage billing from the King County property tax system to the City's drainage billing system.

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

For most projects in the Drainage and Wastewater CIP, there are no new 2006 operations and maintenance costs, or these costs have not been calculated (N/C). In these cases, the cost impacts of the projects are either insignificant or offset by cost savings realized by other projects.

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Combined Sewer Overflow</b>						<b>BCL/Program Code:</b>				C310B
Ballard Combined Sewer Overflow	C303101	0	0	0	0	270	220	552	566	<b>1,608</b>
Capital Planning - CSO Plan Implementation	C305101	0	500	150	566	633	1,002	888	1,183	<b>4,922</b>
CSO Facility Retrofit	C302102	2,083	550	554	513	525	538	1,000	1,025	<b>6,788</b>
CSO Plan Update	C3AA103	1,316	200	550	349	326	420	320	3,300	<b>6,781</b>
CSO Structure Configuration Management	C306101	0	0	100	100	50	0	0	0	<b>250</b>
CSO Wastewater Monitoring	C305102	0	1,085	407	325	419	407	382	355	<b>3,380</b>
Fremont-Wallingford CSO	C303102	0	0	0	513	525	0	0	0	<b>1,038</b>
S Genesee Combined Sewer Overflow	C303103	70	369	325	423	434	1,093	1,104	272	<b>4,090</b>
S Henderson CSO Storage	C304102	31	263	325	377	556	641	2,208	208	<b>4,609</b>
SLU Combined Sewer Overflow - KC	C3AA104	17,031	1,610	400	0	0	0	0	0	<b>19,041</b>
SLU Combined Sewer Overflow Phase 2	C3AA106	5,627	260	10	0	0	0	0	0	<b>5,897</b>
Windermere CSO Storage	C302103	448	249	325	395	521	434	552	272	<b>3,196</b>
<b>Total for BCL Combined Sewer Overflow</b>		<b>26,606</b>	<b>5,086</b>	<b>3,146</b>	<b>3,561</b>	<b>4,259</b>	<b>4,755</b>	<b>7,006</b>	<b>7,181</b>	<b>61,600</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Flood Control and Local Drainage</b>						<b>BCL/Program Code:</b>				C332B
20th Ave. NE Local Drainage	C301317	205	5	5	5	0	0	0	0	<b>220</b>
2500 Fairview Drainage Improvements	C353201	0	105	110	0	0	0	0	0	<b>215</b>
30th Ave. NE/NE 107 St. Drainage Improvements	C343203	114	370	130	0	1	1	0	0	<b>616</b>
3rd Ave. NW & NW 107 St. Natural System	C300329	4,669	77	69	56	0	0	0	0	<b>4,871</b>
4th Ave. S/S Trenton Storm Drain	C353202	0	185	750	1,604	1,713	169	2	2	<b>4,425</b>
Aurora Bridge Drainage	C363201	0	0	50	0	0	0	0	0	<b>50</b>
Ballard/Fremont Drainage Improvements	C353203	0	60	90	328	32	0	0	0	<b>510</b>
Capital Planning - Flood Control & Local Drainage	C343201	236	370	320	308	394	323	414	426	<b>2,791</b>
Comprehensive Drainage Plan Implementation	C3NW03 2-008	0	0	0	2,463	4,349	10,573	12,950	11,058	<b>41,393</b>
Delridge Way SW/SW Myrtle - DRN	C353204	0	45	60	205	21	0	0	0	<b>331</b>
Drainage Spot Improvements	C333201	507	500	500	513	525	538	552	566	<b>4,201</b>
Eastlake Ave./Galer- Drainage Improvement	C3NW03 2-010	0	0	0	0	0	162	110	0	<b>272</b>
Georgetown Drainage Basin Study	C302311	135	0	50	205	158	27	0	0	<b>575</b>
Greenwood Peat Bog	C333207	167	65	20	21	21	108	22	0	<b>424</b>
High Point Drainage System	C301303	810	1,300	1,100	513	53	54	0	0	<b>3,830</b>
Jackson Park Detention - Phase 2	C399305	10,495	88	110	85	87	89	0	0	<b>10,954</b>
Lake City/NE 92nd Storm Drain	C302312	26	0	0	201	0	0	0	0	<b>227</b>
Lower Densmore Drainage Improvement	C353205	0	225	225	0	0	0	0	0	<b>450</b>
Meadowbrook Outfall Rehabilitation	C353206	0	200	231	1,333	53	0	0	0	<b>1,817</b>
MLK Way/Norfolk St. Storm Improvement	C333205	171	440	183	113	2	2	2	0	<b>913</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Flood Control and Local Drainage</b>						<b>BCL/Program Code:</b>				C332B
N 105th St./Aurora Ave. N - Drainage Improvement	C363203	0	0	150	103	0	0	0	0	<b>253</b>
N 125th & Aurora N Storm Drain	C302313	593	800	575	1,538	1,576	1,615	1,656	1,000	<b>9,353</b>
N 85th St/Greenwood Ave. - Drainage Improvement	C363204	0	0	150	103	0	0	0	0	<b>253</b>
Natural Drainage System Improvements	C333206	0	250	326	217	1,773	1,092	1,130	1,000	<b>5,788</b>
Northlake Way Drainage	C343202	17	200	300	0	0	0	0	0	<b>517</b>
Northpark Ave. N Drainage Improvement	C3NW03 2-011	0	0	0	51	735	377	28	0	<b>1,191</b>
Outfall Rehab Program - DRN	C353207	0	150	200	154	158	162	166	170	<b>1,160</b>
Pinehurst Natural Drainage System	C333202	1,168	1,698	1,287	91	12	0	0	0	<b>4,256</b>
Piper's Creek - Detention	C399326	296	140	24	41	42	43	44	45	<b>675</b>
Venema Creek Natural Drainage System	C302317	118	250	405	2,300	1,500	0	0	0	<b>4,573</b>
West Seattle Bridge Drainage	C363202	0	0	400	0	0	0	0	0	<b>400</b>
<b>Total for BCL Flood Control and Local Drainage</b>		<b>19,727</b>	<b>7,523</b>	<b>7,820</b>	<b>12,551</b>	<b>13,205</b>	<b>15,335</b>	<b>17,076</b>	<b>14,267</b>	<b>107,504</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>General Wastewater</b>						<b>BCL/Program Code:</b>				C320B
Design Commission Fees - WW	C301706	0	5	1	5	5	5	6	6	<b>33</b>
Design Standards & Guidelines - WW	C305201	0	51	326	0	0	0	0	0	<b>377</b>
Facility Security Upgrades - WW	C304202	0	16	387	0	0	0	0	0	<b>403</b>
Force Main/Pump Stations Plan	C302204	317	288	142	513	525	538	552	566	<b>3,441</b>
Heavy Equipment Purchases - WW	C300499	1,368	2,410	195	440	684	345	784	804	<b>7,030</b>
Intergovernmental Shares - WW	C305250	0	250	250	256	263	269	276	283	<b>1,847</b>
Madison Valley Infrastructure Improvements	C306201	0	0	1,200	0	0	0	0	0	<b>1,200</b>
Other Agency Opportunity - WW	C305220	0	139	200	410	420	431	442	453	<b>2,495</b>
Outfall Rehab Program - WW	C305203	0	137	10	297	158	162	166	170	<b>1,100</b>
Pump Station Improvements	C305230	0	936	400	1,853	2,095	2,154	2,208	2,263	<b>11,909</b>
S Henderson Street Raincatchers	C305202	0	789	628	0	0	0	0	0	<b>1,417</b>
S Lake Washington Sewer Maintenance Assessment	C303201	0	300	10	0	0	0	0	0	<b>310</b>
Sanitary Sewer Overflow Capacity	C302205	231	350	250	1,025	1,051	1,077	1,104	1,132	<b>6,220</b>
Sewage System Modeling	C3AA206	726	163	225	103	105	108	110	113	<b>1,653</b>
SLU Feasibility Phase 2 - WW	C305221	0	210	660	0	0	0	0	0	<b>870</b>
Small Sewer Improvements	C303299	106	170	160	174	179	183	188	193	<b>1,353</b>
Strategic Asset Management Plan - WW	C303204	73	100	100	0	0	0	0	0	<b>273</b>
Wastewater Plan	C304201	0	530	100	0	0	0	0	0	<b>630</b>
Water Reuse - Wastewater	C301203	208	20	14	0	0	0	0	0	<b>242</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>General Wastewater</b>			<b>BCL/Program Code:</b>							C320B
<b>Total for BCL General Wastewater</b>		<b>3,029</b>	<b>6,864</b>	<b>5,258</b>	<b>5,076</b>	<b>5,485</b>	<b>5,272</b>	<b>5,836</b>	<b>5,983</b>	<b>42,803</b>
<b>Habitat and Sediments</b>			<b>BCL/Program Code:</b>							C350B
Dallas Ave. S Emergency Soil Removal	C304502	312	0	120	60	0	0	0	0	<b>492</b>
Sediment Remediation - DRN	C305503	0	1,196	2,115	611	287	221	162	166	<b>4,758</b>
Sediment Remediation - WW	C300412	1,786	1,392	985	1,085	320	242	201	206	<b>6,217</b>
South Park Soil Project	C305502	0	768	581	3,949	39	0	0	0	<b>5,337</b>
<b>Total for BCL Habitat and Sediments</b>		<b>2,098</b>	<b>3,356</b>	<b>3,801</b>	<b>5,705</b>	<b>646</b>	<b>463</b>	<b>363</b>	<b>372</b>	<b>16,804</b>
<b>Other Drainage</b>			<b>BCL/Program Code:</b>							C335B
City Facilities Drainage Assessment	C363501	0	0	100	0	0	0	0	0	<b>100</b>
Design Commission Fees - DRN	C301704	0	15	26	8	11	11	11	11	<b>93</b>
Design Standards & Guidelines - DRN	C353501	0	263	130	0	0	0	0	0	<b>393</b>
Facility Security Upgrades - DRN	C3NW03 5-004	0	16	0	0	0	0	0	0	<b>16</b>
GIS System Enhancements	C343502	124	45	45	0	0	0	0	0	<b>214</b>
Heavy Equipment Purchases - DRN	C300399	1,919	477	320	825	1,073	485	706	725	<b>6,530</b>
Intergovernmental Shares - DRN	C353550	0	2,000	2,000	2,050	2,101	2,154	2,208	2,263	<b>14,776</b>
Mobility Improvement	C333514	300	300	300	308	315	323	331	339	<b>2,516</b>
Other Agency Opportunity - DRN	C353520	0	355	400	1,025	1,414	1,077	1,104	1,132	<b>6,507</b>
SLU Feasibility Phase 2 - DRN	C353521	0	185	60	0	0	0	0	0	<b>245</b>
Strategic Asset Management Plan - DRN	C333507	52	40	40	0	0	0	0	0	<b>132</b>
<b>Total for BCL Other Drainage</b>		<b>2,395</b>	<b>3,696</b>	<b>3,421</b>	<b>4,216</b>	<b>4,914</b>	<b>4,050</b>	<b>4,360</b>	<b>4,470</b>	<b>31,522</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Protection of Beneficial Uses</b>						<b>BCL/Program Code:</b>				C333B
10718 35th NE Sediment Pond	C302305	522	250	222	615	5	5	0	0	<b>1,619</b>
Aquatic Habitat Matching Grant Project	C353301	0	300	300	0	0	0	0	0	<b>600</b>
Beer Sheva Habitat Improvement	C301319	142	65	50	36	68	13	13	13	<b>400</b>
Best Management Practice Program Implementation	C300316	207	75	365	1,025	1,366	1,238	1,214	0	<b>5,490</b>
Bitter Lake Dredging	C3NW03 3-002	0	0	0	410	0	0	0	0	<b>410</b>
Bitter Lake/N 137th Stormwater	C301322	11	200	0	1,743	210	54	55	0	<b>2,273</b>
Capital Planning - Protection of Beneficial Uses	C343301	245	116	70	154	158	162	166	170	<b>1,241</b>
Channel Widening Project	C3NW03 3-013	0	0	0	0	100	100	100	0	<b>300</b>
Creek Flow Control Implementation	C3NW03 3-014	0	0	0	0	1,000	4,000	3,000	5,223	<b>13,223</b>
Creek Sediment Control Program	C353303	0	23	25	103	105	135	138	0	<b>529</b>
Creeks Habitat Complexity Program	C353302	0	75	75	77	79	81	83	85	<b>555</b>
Creeks Hydrology Program	C3NW03 3-005	0	0	0	63	38	194	237	0	<b>532</b>
Creeks Vegetation Program	C353304	0	150	150	154	158	162	166	170	<b>1,110</b>
Fecal Total Maximum Daily Load Feasibility	C343302	1	113	0	256	53	0	0	0	<b>423</b>
Fish Passage Program	C353305	0	27	40	128	425	140	121	124	<b>1,005</b>
Greenwood Water Quality Best Management Practice	C353306	0	40	80	349	0	0	0	0	<b>469</b>
Longfellow Creek-Yancy St. - Phase 3	C302332	161	64	0	10	0	0	0	0	<b>235</b>
Monitoring System Upgrades	C343303	137	459	103	0	0	0	0	0	<b>699</b>
Salmon Bay Phase 2 Acquisition & Restoration	C333307	419	95	10	0	0	0	0	0	<b>524</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Protection of Beneficial Uses</b>			<b>BCL/Program Code:</b>							C333B
Seattle Housing Authority Integrated Drainage Plan	C363301	0	0	300	500	800	150	50	0	<b>1,800</b>
South Park Water Quality Study	C343304	21	25	10	0	0	0	0	0	<b>56</b>
Stormwater Mitigation Partnership Program	C353309	0	50	50	50	50	50	50	0	<b>300</b>
Taylor Creek Culverts Phase 2	C399315	638	80	315	15	5	5	0	0	<b>1,058</b>
Thornton Creek Water Quality Channel Project	C343306	403	6,846	0	0	0	0	0	0	<b>7,249</b>
Water Reuse - Stormwater	C353308	0	50	50	0	0	0	0	0	<b>100</b>
Watershed Base Creek Flow Control	C353310	0	50	150	425	200	200	200	0	<b>1,225</b>
<b>Total for BCL Protection of Beneficial Uses</b>		<b>2,907</b>	<b>9,153</b>	<b>2,365</b>	<b>6,113</b>	<b>4,820</b>	<b>6,689</b>	<b>5,593</b>	<b>5,785</b>	<b>43,425</b>
<b>Public Asset Protection</b>			<b>BCL/Program Code:</b>							C334B
1500 - 2600 Aurora N Landslide	C363401	0	0	31	62	221	1,077	6	0	<b>1,397</b>
47 SW & SW Maplewood Pl. Landslide	C363402	0	0	50	103	105	576	0	0	<b>834</b>
Burke Gilman/NE 144th Landslide	C301355	350	577	662	715	570	208	0	0	<b>3,082</b>
Capital Planning - Public Asset Protection	C343401	61	175	100	179	184	377	552	566	<b>2,194</b>
Golden Gardens/View Ave. Landslide	C343403	66	50	100	513	677	0	0	0	<b>1,406</b>
Rainier Ave. S/S Carver - Landslide	C353401	0	74	86	57	672	11	0	0	<b>900</b>
Small Landslide Projects	C343402	565	385	409	718	630	646	1,656	1,700	<b>6,709</b>
SW Prescott/Admiral Landslide	C302353	541	765	485	623	541	0	0	0	<b>2,955</b>
Works Progress Administration Drains Study & Repair	C300338	511	250	250	256	263	485	552	566	<b>3,133</b>
<b>Total for BCL Public Asset Protection</b>		<b>2,094</b>	<b>2,276</b>	<b>2,173</b>	<b>3,226</b>	<b>3,863</b>	<b>3,380</b>	<b>2,766</b>	<b>2,832</b>	<b>22,610</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Sewer Rehabilitation</b>						<b>BCL/Program Code:</b>				C340B
Minor Facility Upgrades - Rehabilitation	C3AA402	211	80	76	81	110	98	100	103	<b>859</b>
No Dig Pipe & Maintenance Rehabilitation	C3AA403	9,882	785	663	1,531	2,288	2,280	2,008	2,511	<b>21,948</b>
Point Sewer Pipe Rehabilitation - Contract	C303401	965	810	445	1,421	3,071	1,616	1,651	1,533	<b>11,512</b>
Point Sewer Pipe Rehabilitation - Crews	C303402	5,404	3,825	3,200	4,271	4,596	4,947	5,325	4,408	<b>35,976</b>
Sewer Emergency Repairs	C3AA404	2,733	294	500	406	548	490	589	604	<b>6,164</b>
Sewer Full Line Replacements	C300488	35,570	900	416	309	252	254	251	314	<b>38,266</b>
Wastewater Rehabilitation Evaluation	C3AA401	1,261	88	200	96	102	108	114	117	<b>2,086</b>
<b>Total for BCL Sewer Rehabilitation</b>		<b>56,026</b>	<b>6,782</b>	<b>5,500</b>	<b>8,115</b>	<b>10,967</b>	<b>9,793</b>	<b>10,038</b>	<b>9,590</b>	<b>116,811</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Shared Cost Projects</b>						<b>BCL/Program Code:</b>				C410B
Alaskan Way Viaduct & Seawall	C404201-DWF	263	1,335	1,535	0	0	0	0	0	<b>3,133</b>
Facility Improvements - DWF	C404602-DWF	799	1,055	1,050	0	0	0	0	0	<b>2,904</b>
Fleet Management Study	C405601-DWF	0	54	0	0	0	0	0	0	<b>54</b>
Main Warehouse Improvements - DWF	C406601-DWF	0	0	128	0	0	0	0	0	<b>128</b>
Meter Replacement - DWF	C4101-DWF	3,817	672	597	543	557	571	643	643	<b>8,043</b>
Operational Facilities Plan	C406622-DWF	0	0	260	0	0	0	0	0	<b>260</b>
Operations Control Center Upgrade - DWF	C404501-DWF	164	770	286	108	0	0	0	0	<b>1,328</b>
Seattle Monorail Project - DWF	C404301-DWF	122	400	0	0	0	0	0	0	<b>522</b>
Shared Opportunity Projects - DWF	C405603-DWF	0	100	0	103	105	108	110	110	<b>636</b>
Sound Transit Integrated Drainage Plan	C405451	0	300	300	1,538	162	0	0	0	<b>2,300</b>
Sound Transit Light Rail - DWF	C4104-DWF	490	1,076	498	308	84	3	0	0	<b>2,459</b>
Spoils Yard & Decant Facility - DWF	C404603-DWF	0	10	113	0	0	0	0	0	<b>123</b>
Utility Payment Center - DWF	C406611-DWF	0	0	218	0	0	0	0	0	<b>218</b>
<b>Total for BCL Shared Cost Projects</b>		<b>5,655</b>	<b>5,772</b>	<b>4,985</b>	<b>2,600</b>	<b>908</b>	<b>682</b>	<b>753</b>	<b>753</b>	<b>22,108</b>
<b>Department Total</b>		<b>120,537</b>	<b>50,508</b>	<b>38,469</b>	<b>51,163</b>	<b>49,067</b>	<b>50,419</b>	<b>53,791</b>	<b>51,233</b>	<b>465,187</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Fund Summary

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
SPU Drainage and Wastewater Fund	128,564	54,206	42,014	53,641	51,746	53,180	56,636	54,123	<b>494,110</b>
SPU Solid Waste Fund	8,628	10,543	12,761	10,678	47,643	41,965	37,846	9,196	<b>179,260</b>
SPU Water Fund	452,671	85,547	76,984	108,250	70,338	79,262	71,636	72,167	<b>1,016,855</b>
<b>Department Total</b>	<b>589,863</b>	<b>150,296</b>	<b>131,759</b>	<b>172,569</b>	<b>169,727</b>	<b>174,407</b>	<b>166,118</b>	<b>135,486</b>	<b>1,690,225</b>

*Note: Additional allocations for the SPU Drainage and Wastewater Fund are shown in the SPU - Technology section of this document.*

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## 10718 35th NE Sediment Pond

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2002

**Project ID:** C302305

**End Date:** 4th Quarter 2009

**Location:** 10718 35th Ave. NE

**Neighborhood Plan:** North District/Lake City

**Neighborhood Plan Matrix:** 2B-4

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project constructs a new, efficient off-line sediment collection facility and other site improvements upstream of the Meadowbrook Pond detention facility. Meadowbrook currently has no formal maintenance access; there are no roadways or staging areas for required dredging activities, and access to trashracks is poor. The new facilities provide improved maintenance access, water quality and habitat. The confidence level of the current cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	522	250	222	615	5	5	0	0	1,619
<b>Project Total:</b>	522	250	222	615	5	5	0	0	1,619
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	522	250	222	615	5	5	0	0	1,619
<b>Appropriations Total*</b>	522	250	222	615	5	5	0	0	1,619
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## 1500 - 2600 Aurora N Landslide

**BCL/Program Name:** Public Asset Protection

**BCL/Program Code:** C334B

**Project Type:** New Facility

**Start Date:** 3rd Quarter 2006

**Project ID:** C363401

**End Date:** 1st Quarter 2010

**Location:** Aurora Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

Three combined sewer lines traverse a steep slope down to Aurora Ave. N at the northeast corner of Queen Anne Hill. Preliminary analysis determined these three lines were at risk of damage due to landslides. This project installs the combined sewer lines deeper in the hillside to protect them from landslide damage, possibly using directional drilling techniques. The project also improves the method for collecting stormwater from the nearby streets to reduce the risk of landslides. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee review is conducted prior to the start of the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	31	62	221	1,077	6	0	1,397
<b>Project Total:</b>	0	0	31	62	221	1,077	6	0	1,397
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	31	62	221	1,077	6	0	1,397
<b>Appropriations Total*</b>	0	0	31	62	221	1,077	6	0	1,397
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## 20th Ave. NE Local Drainage

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 2001

**Project ID:** C301317

**End Date:** 4th Quarter 2007

**Location:** 20th Ave. NE/NE 137th St.

**Neighborhood Plan:** North District/Lake City

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project develops a plan and makes improvements to resolve safety concerns related to a ditch along 20th Ave. NE. The ditch is deep and has steep side slopes. High-velocity flows in the ditch have undercut the banks near residential properties. SPU provides culverts and fill to allow formal bus stops to be constructed by King County Metro in three locations along 20th Ave. NE, to allow safe loading and off-loading of passengers. Spot improvements are also provided in several locations to repair undercut banks eroded by stormwater. SPU's Asset Management Committee has approved the project and the confidence level of the cost estimate is high.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	205	5	5	5	0	0	0	0	220
<b>Project Total:</b>	205	5	5	5	0	0	0	0	220
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	205	5	5	5	0	0	0	0	220
<b>Appropriations Total*</b>	205	5	5	5	0	0	0	0	220
<b>O &amp; M Costs (Savings)</b>			0	0	3	3	3	3	12

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

# SPU - Drainage & Wastewater

## 2500 Fairview Drainage Improvements

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353201

**End Date:** 4th Quarter 2006

**Location:** 2500 Fairview Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Lake Union

**Urban Village:** South Lake Union

This project addresses a lack of adequate runoff collection and conveyance at 2500 Fairview Ave., an approximately one-acre physical depression. Ponding develops when the existing single catch-basin grate is obstructed or a storm taxes the capacity of the six-inch outfall. The flooding extends across the west roadway shoulder, the southbound shoulder and partially into the northbound lane of Fairview Ave. for approximately 300 feet, obstructing traffic and parking. The project removes the existing paved shoulder to collect, detain and convey runoff from the one-acre basin, and replaces the existing brick catch basin with a new, larger structure. Funding to maintain the improvements made by this project will be included in SPU's future budgets. The confidence level for the cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	105	110	0	0	0	0	0	215
<b>Project Total:</b>	0	105	110	0	0	0	0	0	215
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	105	110	0	0	0	0	0	215
<b>Appropriations Total*</b>	0	105	110	0	0	0	0	0	215
<b>O &amp; M Costs (Savings)</b>			0	1	1	1	1	1	5

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

# SPU - Drainage & Wastewater

## 30th Ave. NE/NE 107 St. Drainage Improvements

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C343203

**End Date:** 4th Quarter 2009

**Location:** 10703 30th Ave. NE

**Neighborhood Plan:** Northgate

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** North

**Urban Village:** Lake City

This project investigates alternatives that upgrade the flow capacity to achieve a 25-year level of service and reduce maintenance costs. The south fork of Thornton Creek (Maple Leaf) and Kramer ditch intersect on the west side of 30th Ave. NE at NE 107th St. and flow beneath 30th Ave. NE through independent channels to converge on the east side of the bridge. A delta forms where the two streams combine as the result of sediment deposition from Thornton Creek. This results in flooding of houses upstream of the culverts. Areas of investigation include ditch widening, installation of larger culverts at selected driveways, and adding berms to protect low lying properties and the possible addition of an overflow line. Funding shown for 2008 through 2009 is for the establishment of landscaping.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	114	370	130	0	1	1	0	0	616
<b>Project Total:</b>	114	370	130	0	1	1	0	0	616
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	114	370	130	0	1	1	0	0	616
<b>Appropriations Total*</b>	114	370	130	0	1	1	0	0	616
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

# SPU - Drainage & Wastewater

## 3rd Ave. NW & NW 107 St. Natural System

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** Improved Facility

**Start Date:** 4th Quarter 2000

**Project ID:** C300329

**End Date:** 4th Quarter 2007

**Location:** NW 107th St./3rd Ave. NW

**Neighborhood Plan:** Broadview-Bitter Lake-Haller Lake

**Neighborhood Plan Matrix:** A-11

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

This project addresses stormwater management using a "natural system" approach that promotes sustainable drainage design. The project minimizes the use of standard engineered stormwater infrastructure, using the unimproved right-of-way as a starting point for design. The project includes construction of an engineered system of stepped pools to detain runoff, filter pollutants and allow maximum opportunity for infiltration; construction of a sidewalk on the south side of 3rd Ave. NW and NW 107th to provide safe pedestrian access to a nearby elementary school; creation of natural drainage system features within the right-of-way; and the use of vegetation as a stormwater management element and for aesthetic appeal. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,669	77	69	56	0	0	0	0	4,871
<b>Project Total:</b>	4,669	77	69	56	0	0	0	0	4,871
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	4,669	77	69	56	0	0	0	0	4,871
<b>Appropriations Total*</b>	4,669	77	69	56	0	0	0	0	4,871
<b>O &amp; M Costs (Savings)</b>			0	0	4	4	4	4	16

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

# SPU - Drainage & Wastewater

## 47 SW & SW Maplewood Pl. Landslide

**BCL/Program Name:** Public Asset Protection

**BCL/Program Code:** C334B

**Project Type:** New Facility

**Start Date:** 3rd Quarter 2006

**Project ID:** C363402

**End Date:** 4th Quarter 2009

**Location:** 47th Ave. SW

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project, which was identified during the Comprehensive Drainage Planning process, evaluates an existing storm drain system that traverses a steep slope between 47th Ave. SW and SW Maplewood Pl., and street runoff that is currently routed through a private drainage system. The project constructs measures to stabilize the slope where the storm drain is located, while rerouting street runoff from a private drainage system and outfall to an existing SPU storm drain system. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee review is required prior to the start of the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	50	103	105	576	0	0	834
<b>Project Total:</b>	0	0	50	103	105	576	0	0	834
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	50	103	105	576	0	0	834
<b>Appropriations Total*</b>	0	0	50	103	105	576	0	0	834
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	6	6	12

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

# SPU - Drainage & Wastewater

## 4th Ave. S/S Trenton Storm Drain

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353202

**End Date:** 4th Quarter 2011

**Location:** S Trenton/2nd Ave./5th Ave.

**Neighborhood Plan:** South Park

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Greater Duwamish

**Urban Village:** South Park

This project installs approximately 1,760 linear feet of 12-inch storm drain along South Trenton St., 3rd Ave. S and 4th Ave. S, and approximately 2,380 linear feet of 12-inch storm drain along S Director St. and 7th Ave. S, to resolve a number of documented flooding problems in these areas. The project reduces flows to the combined sewer system in the area by rerouting the drainage from the combined and sanitary system to an existing storm drain on S Henderson Street. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	185	750	1,604	1,713	169	2	2	4,425
<b>Project Total:</b>	0	185	750	1,604	1,713	169	2	2	4,425
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	185	750	1,604	1,713	169	2	2	4,425
<b>Appropriations Total*</b>	0	185	750	1,604	1,713	169	2	2	4,425
<b>O &amp; M Costs (Savings)</b>			5	5	5	10	10	10	45

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

# SPU - Drainage & Wastewater

## Alaskan Way Viaduct & Seawall

**BCL/Program Name:** Shared Cost Projects

**BCL/Program Code:** C410B

**Project Type:** New Facility

**Start Date:** 4th Quarter 2001

**Project ID:** C404201-DWF

**End Date:** 4th Quarter 2011

**Location:** Alaskan Way Viaduct

**Neighborhood Plan:** Commercial Core

**Neighborhood Plan Matrix:** LT 13

**Neighborhood District:** Downtown

**Urban Village:** In more than one Urban Village

This project funds planning, preliminary engineering, and design costs associated with drainage and wastewater utility impacts arising from replacing the Alaskan Way Viaduct and Seawall with a new transportation facility. The Alaskan Way Viaduct is part of State Route 99, which carries 25% of the north-south traffic through downtown Seattle and is a major truck route serving the City's industrial areas. The seawall supports the soils under Alaskan Way and the Viaduct. Both facilities were damaged in the February 28, 2001 Nisqually Earthquake. The Federal Highway Administration (FHWA), the Washington State Department of Transportation (WSDOT) and the City of Seattle are partners on the project. WSDOT, in conjunction with the Seattle Department of Transportation (SDOT), is conducting a plan and study for demolition and replacement of the existing facility. At this early stage, a number of options are being evaluated. The costs and timing of those improvements, as well as the sources of funding, have not been determined and will be refined as the project scope is further developed. See also projects in the SDOT (project TC36605) and Seattle City Light (project 8307) CIPs. The SPU Asset Management Committee approved the project in 2005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	263	1,335	1,535	0	0	0	0	0	3,133
<b>Project Total:</b>	263	1,335	1,535	0	0	0	0	0	3,133
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	263	1,335	1,535	0	0	0	0	0	3,133
<b>Appropriations Total*</b>	263	1,335	1,535	0	0	0	0	0	3,133
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Aquatic Habitat Matching Grant 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> 1st Quarter 2005
<b>Project ID:</b> C353301	<b>End Date:</b> 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This matching grant project funds community-based habitat improvement projects that leverage SPU's drainage-related habitat efforts with a dollar-for-dollar contribution of volunteer labor and donated materials and services. This project was added to the 2005-2010 Adopted CIP by Council action. Resolution 30719 describes grant application procedures and eligible projects, which may include removal of fish passage blockages; removal of non-native invasive plant species from aquatic habitats; restoration of native plant species, riparian vegetation and natural aquatic habitat features and complexity; removal of bank armoring; and re-establishment of creek connectivity. A seven-member Aquatic Habitat Matching Grant Review Board (Board) was established in 2005 and the Board developed the grant guidelines for implementation.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	300	300	0	0	0	0	0	600
<b>Project Total:</b>	0	300	300	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	300	300	0	0	0	0	0	600
<b>Appropriations Total*</b>	0	300	300	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Aurora Bridge Drainage

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2006

**Project ID:** C363201

**End Date:** 4th Quarter 2006

**Location:** Aurora Bridge

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The Aurora Bridge requires frequent maintenance by SPU crews to ensure the drains are clean and functional. Poor drainage on the bridge can lead to traffic delays. This project replaces the existing drainage system with improved drains. The intended changes likely result in reduced drainage operation and maintenance costs but the reduction has not been determined. This project is in a preliminary phase of development and the cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	50	0	0	0	0	0	50
<b>Project Total:</b>	0	0	50	0	0	0	0	0	50
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	50	0	0	0	0	0	50
<b>Appropriations Total*</b>	0	0	50	0	0	0	0	0	50
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Ballard Combined Sewer Overflow

**BCL/Program Name:** Combined Sewer Overflow

**BCL/Program Code:** C310B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C303101

**End Date:** 1st Quarter 2021

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Ballard

**Urban Village:** Not in an Urban Village

This project constructs Combined Sewer Overflow (CSO) reduction facilities in the Ballard area, at Basins 150/151 and 152, which discharge to Salmon Bay. Major work includes flow monitoring, system modeling, facility planning, preliminary engineering, design, permits, land acquisition (if necessary), and construction. The project was proposed in the 1988 CSO Control Plan as a joint project with King County. The project began in 2004 but is on hold until 2008; and the project budget and schedule have been revised to account for project development and potential coordination with King County. Other work performed under SPU's CSO Facility Retrofit project (C302102) may reduce the size of the necessary facilities in this basin. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee review is required before the project begins. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	0	270	220	552	566	1,608
<b>Project Total:</b>	0	0	0	0	270	220	552	566	1,608
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	0	0	270	220	552	566	1,608
<b>Appropriations Total*</b>	0	0	0	0	270	220	552	566	1,608
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Ballard/Fremont Drainage Improvements

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353203

**End Date:** 2nd Quarter 2008

**Location:** Various

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** Crown Hill

This project constructs drainage improvements to reduce or eliminate flooding in the Ballard and Fremont areas in response to complaints from the public. A report has been completed including the scoping of drainage issues in the area and required spot improvements. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	60	90	328	32	0	0	0	510
<b>Project Total:</b>	0	60	90	328	32	0	0	0	510
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	60	90	328	32	0	0	0	510
<b>Appropriations Total*</b>	0	60	90	328	32	0	0	0	510
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Beer Sheva Habitat Improvement

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 4th Quarter 2001

**Project ID:** C301319

**End Date:** 4th Quarter 2011

**Location:** Seward Park Ave. S/S Henderson St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project makes several improvements to create a high-quality fish refuge and rearing habitat at the mouth of Mapes Creek and a natural creek channel in the lower portion of the creek. The project includes creating a natural creek mouth by placing the creek in an open, meandering creek channel in Beer Sheva Park, and relocating its discharge point into Lake Washington at the edge of the shoreline rather than offshore in deeper water. The middle portion of the creek is riped to separate its flow from stormwater and Combined Sewer Overflow (CSO) discharges, and to improve downstream water quality. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	142	65	50	36	68	13	13	13	400
<b>Project Total:</b>	142	65	50	36	68	13	13	13	400
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	142	65	50	36	68	13	13	13	400
<b>Appropriations Total*</b>	142	65	50	36	68	13	13	13	400
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Best Management Practice Program Implementation

<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> 2nd Quarter 2000
<b>Project ID:</b> C300316	<b>End Date:</b> 4th Quarter 2010

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project identifies, develops and implements high priority water quality improvement projects incorporating Best Management Practices (BMP) as identified by ongoing water quality basin investigations in the Norfolk, South Park, and Densmore drainage basins. In addition, efforts will include work in the Lake Washington Drainage basin in order to address SPU's Seattle Housing Authority Integrated Drainage Plan (IDP) water quality BMP requirements. These projects are designed to improve the quality of stormwater runoff discharged to nearby receiving water bodies (e.g. streams or lakes) from City-owned storm drains. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	207	75	365	1,025	1,366	1,238	1,214	0	5,490
<b>Project Total:</b>	207	75	365	1,025	1,366	1,238	1,214	0	5,490
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	207	75	365	1,025	1,366	1,238	1,214	0	5,490
<b>Appropriations Total*</b>	207	75	365	1,025	1,366	1,238	1,214	0	5,490
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Bitter Lake Dredging

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2007

**Project ID:** C3NW033-002

**End Date:** 4th Quarter 2007

**Location:** N 137th St.

**Neighborhood Plan:** Broadview-Bitter Lake-Haller Lake

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

This project dredges the north end of Bitter Lake, near the stormwater outfall from N 138th St. The project addresses more extensive sedimentation than is possible with existing operation and maintenance methods. The project investigates access routes, new technology, or access via the lake for those areas that are beyond the reach of the current dredging process. For the long term, another Drainage & Wastewater CIP project, Bitter Lake/N 137th St. Stormwater (C301322), reduces sedimentation and improves stormwater conveyance so that this Bitter Lake dredging project is a one-time event. The confidence level of the cost estimate is medium. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	410	0	0	0	0	410
<b>Project Total:</b>	0	0	0	410	0	0	0	0	410
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	0	410	0	0	0	0	410
<b>Appropriations Total*</b>	0	0	0	410	0	0	0	0	410
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Bitter Lake/N 137th Stormwater

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2001

**Project ID:** C301322

**End Date:** 3rd Quarter 2010

**Location:** Bitter Lake Drainage Basin/N 145th St.

**Neighborhood Plan:** Broadview-Bitter Lake-Haller Lake

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Northwest

**Urban Village:** Bitter Lake Village

This project funds the design and construction of a stormwater treatment project to improve the quality of stormwater discharging to Bitter Lake and to reduce the frequency of required dredging offshore of the Greenwood Ave. N storm drain outfall in the lake. A preliminary engineering report, completed by a Seattle University civil engineering senior design team in 2000, evaluated options for treating runoff from the Greenwood Ave. N storm drain. Treatment options included wet vaults and media filters with swirl concentrators for pretreatment. Additional work includes evaluation of natural drainage system designs, updating the preliminary engineering analysis to determine the most cost-effective option, and constructing the selected project(s). The project is delayed due to staffing capacity and is projected to continue next year. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	11	200	0	1,743	210	54	55	0	2,273
<b>Project Total:</b>	11	200	0	1,743	210	54	55	0	2,273
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	11	200	0	1,743	210	54	55	0	2,273
<b>Appropriations Total*</b>	11	200	0	1,743	210	54	55	0	2,273
<b>O &amp; M Costs (Savings)</b>			0	2	2	2	2	2	10

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

# SPU - Drainage & Wastewater

## Burke Gilman/NE 144th Landslide

**BCL/Program Name:** Public Asset Protection

**BCL/Program Code:** C334B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2001

**Project ID:** C301355

**End Date:** 4th Quarter 2009

**Location:** NE 145th St./38th Ave. NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project investigates and develops a long-range plan to address flooding and slope instability problems in the area of Burke Gilman/NE 144th in northeast Seattle. The project includes researching historical information, drilling soil samples, and identifying and implementing solutions to problem areas. This project is in a preliminary phase of development as SPU evaluates all projects identified in the planning study conducted in 2002 and cost estimates will be revised over time. Ten projects addressing flooding and slope instability have been completed to date.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	350	577	662	715	570	208	0	0	3,082
<b>Project Total:</b>	350	577	662	715	570	208	0	0	3,082
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	350	577	662	715	570	208	0	0	3,082
<b>Appropriations Total*</b>	350	577	662	715	570	208	0	0	3,082
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Capital Planning - CSO Plan Implementation

<b>BCL/Program Name:</b> Combined Sewer Overflow	<b>BCL/Program Code:</b> C310B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> C305101	<b>End Date:</b> Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project supports implementation of the 2001 Combined Sewer Overflow (CSO) Reduction Plan Update. It conducts project studies and engineering to provide for compliance with the City's National Pollutant Discharge Elimination System (NPDES) permit, supports Asset Management Committee (AMC) presentations for projects, and studies and develops small capital projects necessary to implement the plan. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee reviewed and approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	500	150	566	633	1,002	888	1,183	4,922
<b>Project Total:</b>	0	500	150	566	633	1,002	888	1,183	4,922
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	500	150	566	633	1,002	888	1,183	4,922
<b>Appropriations Total*</b>	0	500	150	566	633	1,002	888	1,183	4,922
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Capital Planning - Flood Control & Local Drainage

<b>BCL/Program Name:</b> Flood Control and Local Drainage	<b>BCL/Program Code:</b> C332B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2004
<b>Project ID:</b> C343201	<b>End Date:</b> Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project supports development of Flood Control and Local Drainage projects. Work includes evaluation of potential projects (primarily those identified in the Comprehensive Drainage Plan), including investigation of reported drainage problems. The evaluation includes field verification and technical analysis to obtain information on benefits and level of service. A project proposal, including cost-benefit analysis, is reviewed and approved by SPU's Capital Planning Committee. Staff then develop a Project Development Plan, including documentation and budget input, for approval by SPU's Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	236	370	320	308	394	323	414	426	2,791
<b>Project Total:</b>	236	370	320	308	394	323	414	426	2,791
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	236	370	320	308	394	323	414	426	2,791
<b>Appropriations Total*</b>	236	370	320	308	394	323	414	426	2,791
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Capital Planning - Protection of Beneficial Uses

<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> 1st Quarter 2004
<b>Project ID:</b> C343301	<b>End Date:</b> Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project supports development of Protection of Beneficial Uses projects. Work includes evaluation of potential projects (primarily those identified in the Comprehensive Drainage Plan) for water quality and habitat drainage-related projects. The evaluation of potential projects includes field verification and technical analysis. Analysis to explore solutions, including cost-benefit information, is reviewed and approved by SPU's Capital Planning Committee. A Project Development Plan, including documentation and budget input, is then developed by SPU staff for approval by SPU's Asset Management Committee. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environment.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	245	116	70	154	158	162	166	170	1,241
<b>Project Total:</b>	245	116	70	154	158	162	166	170	1,241
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	245	116	70	154	158	162	166	170	1,241
<b>Appropriations Total*</b>	245	116	70	154	158	162	166	170	1,241
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Capital Planning - Public Asset Protection

**BCL/Program Name:** Public Asset Protection

**BCL/Program Code:** C334B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C343401

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project supports development of Public Asset Protection projects. Work includes evaluation of potential projects (primarily those identified in the Comprehensive Drainage Plan) including investigation of reported drainage problems. The evaluation includes field verification and technical analysis to obtain information on benefits and level of service. A project proposal, including cost-benefit analysis, is reviewed and approved by SPU's Capital Planning Committee. Staff then develop a Project Development Plan, including documentation and budget input, for approval by SPU's Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	61	175	100	179	184	377	552	566	2,194
<b>Project Total:</b>	61	175	100	179	184	377	552	566	2,194
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	61	175	100	179	184	377	552	566	2,194
<b>Appropriations Total*</b>	61	175	100	179	184	377	552	566	2,194
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Channel Widening Project

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2008

**Project ID:** C3NW033-013

**End Date:** 4th Quarter 2010

**Location:** Citywide

**Neighborhood Plan:** Delridge

**Neighborhood Plan Matrix:** P-18

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project evaluates channel widening on creeks to provide aquatic resource benefits. Higher stormwater flows and channel confinements have resulted in adverse impacts to stream aquatic biota and habitat. This project addresses these impacts by making improvements to dissipate flow energy, reduce excessive scour of creek banks and floors, and create aquatic biota refugia. The project's benefits include improving stream ecosystems and protecting property from flooding. This project is in a preliminary phase of development and cost estimates will be revised over time. Proposed channel widening projects are evaluated by SPU's Asset Management Committee for cost-benefit impacts and to ensure the appropriate use of the drainage funds. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	0	100	100	100	0	300
<b>Project Total:</b>	0	0	0	0	100	100	100	0	300
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	0	0	100	100	100	0	300
<b>Appropriations Total*</b>	0	0	0	0	100	100	100	0	300
<b>O &amp; M Costs (Savings)</b>			0	0	0	5	5	5	15

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# SPU - Drainage & Wastewater

## City Facilities Drainage Assessment

**BCL/Program Name:** Other Drainage

**BCL/Program Code:** C335B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2006

**Project ID:** C363501

**End Date:** 4th Quarter 2006

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The SPU Surface Water Quality Team conducts periodic inspections of businesses and City facilities that are engaged in high-risk pollution generating activities, such as vehicle fueling or washing, above ground fuel or hazardous materials storage. SPU has identified a number of City facilities that require facility retrofits or changes to operational procedures. This project allows the City to conduct a comprehensive review of City facilities to identify needed facility retrofits or changes to operational procedures. This assessment is funded through reimbursements from the Cumulative Reserve Fund to the Drainage and Wastewater Fund.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	100	0	0	0	0	0	100
<b>Project Total:</b>	0	0	100	0	0	0	0	0	100
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	100	0	0	0	0	0	100
<b>Appropriations Total*</b>	0	0	100	0	0	0	0	0	100
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0

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# SPU - Drainage & Wastewater

## Comprehensive Drainage Plan Implementation

<b>BCL/Program Name:</b> Flood Control and Local Drainage	<b>BCL/Program Code:</b> C332B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2007
<b>Project ID:</b> C3NW032-008	<b>End Date:</b> Ongoing

**Location:** Various

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project funds work to be done in the outer years of the current six-year Capital Improvement Program to implement drainage improvements identified in the 2004 Comprehensive Drainage Plan (CDP) Update. Project development work done as part of the Capital Planning – Flood Control and Local Drainage project establishes priorities and schedules for these projects. The specific projects to be implemented in 2007 and beyond are identified in later CIPs after the initial project development work is done. The funding level is identified in advance to provide information about projected spending levels required to meet the goals of the CDP. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	2,463	4,349	10,573	12,950	11,058	41,393
<b>Project Total:</b>	0	0	0	2,463	4,349	10,573	12,950	11,058	41,393
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	0	2,463	4,349	10,573	12,950	11,058	41,393
<b>Appropriations Total*</b>	0	0	0	2,463	4,349	10,573	12,950	11,058	41,393
<b>O &amp; M Costs (Savings)</b>			0	0	13	40	100	100	253

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# SPU - Drainage & Wastewater

## Creek Flow Control Implementation

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2008

**Project ID:** C3NW033-014

**End Date:** Ongoing

**Location:**

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project builds flow control projects in targeted Seattle creek areas. High stormwater flows have resulted in aquatic ecosystem degradation. The project's objectives include the reduction of stormwater discharge entering creeks, the reduction of associated habitat degradation, and the potential associated reduction of water quality pollutants. The project's benefits include improving creek ecosystems and potentially protecting property from flooding. Projects constructed are determined by the results of preliminary engineering. This project is in a preliminary phase of development and cost estimates will be revised over time. Specific proposed projects are evaluated by SPU's Asset Management Committee for cost-benefit impacts and to ensure the appropriate use of drainage funds. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	0	1,000	4,000	3,000	5,223	13,223
<b>Project Total:</b>	0	0	0	0	1,000	4,000	3,000	5,223	13,223
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	0	0	1,000	4,000	3,000	5,223	13,223
<b>Appropriations Total*</b>	0	0	0	0	1,000	4,000	3,000	5,223	13,223
<b>O &amp; M Costs (Savings)</b>			0	0	0	15	15	15	45

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# SPU - Drainage & Wastewater

## Creek Sediment Control 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> 1st Quarter 2005
<b>Project ID:</b> C353303	<b>End Date:</b> 4th Quarter 2010

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program identifies and implements minor capital projects that address sediment control in urban creeks. The initial program focus is on roadway runoff that is inadequately managed from the roadway edge to the receiving creek, and small, discrete sections of creek located on public land with raw, eroded banks. In the medium term, SPU staff have identified more holistic approaches to controlling excessive fine sediments and a shortage of appropriate larger gravel. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee review is required prior to the start of the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	23	25	103	105	135	138	0	529
<b>Project Total:</b>	0	23	25	103	105	135	138	0	529
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	23	25	103	105	135	138	0	529
<b>Appropriations Total*</b>	0	23	25	103	105	135	138	0	529
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Creeks Habitat Complexity Program

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353302

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program addresses the problem of altered stream and shoreline habitat. The program increases in-stream habitat complexity and establishes conditions that result in increased pools, riffles, and fish refuge habitat, by adding large woody debris or boulders to creeks and creek mouths. Different sites are designed and constructed each year, with an initial focus on land owned by the Seattle Department of Parks and Recreation (Parks). Individual projects are identified and prioritized based on expected habitat benefits and ease of implementation. The project results in costs to Parks to operate and maintain the habitat improvements, but these costs have not yet been determined. The SPU Asset Management Committee approved this project in 2005, and the confidence level of current cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	75	75	77	79	81	83	85	555
<b>Project Total:</b>	0	75	75	77	79	81	83	85	555
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	75	75	77	79	81	83	85	555
<b>Appropriations Total*</b>	0	75	75	77	79	81	83	85	555
<b>O &amp; M Costs (Savings)</b>			5	5	5	5	5	5	30

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# SPU - Drainage & Wastewater

## Creeks Hydrology Program

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2007

**Project ID:** C3NW033-005

**End Date:** 4th Quarter 2010

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This program addresses altered creek hydrology. The short-term focus is on obtaining easements along undeveloped sections of creek to protect the existing flood plains, developing a strategy for modifying altered hydrology, and implementing some pilot projects. The long term focus is implementing the strategy. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee review is conducted prior to the start of the program. Beginning in 2007, funding will be included in SPU's budget for maintenance of improvements made under this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	63	38	194	237	0	532
<b>Project Total:</b>	0	0	0	63	38	194	237	0	532
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	0	63	38	194	237	0	532
<b>Appropriations Total*</b>	0	0	0	63	38	194	237	0	532
<b>O &amp; M Costs (Savings)</b>			0	3	3	3	3	3	15

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# SPU - Drainage & Wastewater

## Creeks Vegetation Program

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353304

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Aurora Licton

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project establishes the first six years of a 20-year effort to protect and restore more than 300 acres of publicly-owned forest located along riparian corridors. This project removes invasive plants from selected sites each year, adds native trees and shrubs, and provides maintenance for the first three years. SPU works in partnership with the Seattle Department of Parks and Recreation and the City's Office of Sustainability and Environment. Restoring the riparian forest helps ensure creeks have cooler water with more oxygen and creek banks remain stable, and reduces the amount of runoff reaching creeks during storm events. SPU's Asset Management Committee has approved the 2006 budget and program re-evaluation will occur annually for years 2007-2011. The confidence level of current cost estimates is medium. This project supports both the Mayor's Green Seattle Initiative to reforest riparian areas along urban creeks, and the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	150	150	154	158	162	166	170	1,110
<b>Project Total:</b>	0	150	150	154	158	162	166	170	1,110
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	150	150	154	158	162	166	170	1,110
<b>Appropriations Total*</b>	0	150	150	154	158	162	166	170	1,110
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## CSO Facility Retrofit

**BCL/Program Name:** Combined Sewer Overflow  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** C302102

**BCL/Program Code:** C310B  
**Start Date:** 1st Quarter 2002  
**End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

To optimize system operation and storage, this project includes retrofits, upgrades, and modifies existing Combined Sewer Overflow (CSO) reduction facilities in priority CSO basins. The project was evaluated during the development of the 2001 CSO Reduction Plan Amendment and provides a cost-effective approach to complying with CSO regulations. The project is in the design and construction phase and the certainty of the cost estimate is a medium confidence level.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,083	550	554	513	525	538	1,000	1,025	6,788
<b>Project Total:</b>	2,083	550	554	513	525	538	1,000	1,025	6,788
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	2,083	550	554	513	525	538	1,000	1,025	6,788
<b>Appropriations Total*</b>	2,083	550	554	513	525	538	1,000	1,025	6,788
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## CSO Plan Update

**BCL/Program Name:** Combined Sewer Overflow

**BCL/Program Code:** C310B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 1999

**Project ID:** C3AA103

**End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

Combined Sewer Overflow (CSO) reduction plans are required by the Department of Ecology. This project funds preparation of the next plan update, Environmental Impact Statement, and public participation activities. The project also prepares feasibility studies to identify potential opportunities for coordination with King County. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee approved the plan in 2005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,316	200	550	349	326	420	320	3,300	6,781
<b>Project Total:</b>	1,316	200	550	349	326	420	320	3,300	6,781
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1,316	200	550	349	326	420	320	3,300	6,781
<b>Appropriations Total*</b>	1,316	200	550	349	326	420	320	3,300	6,781
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## CSO Structure Configuration Management

**BCL/Program Name:** Combined Sewer Overflow

**BCL/Program Code:** C310B

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2006

**Project ID:** C306101

**End Date:** 4th Quarter 2008

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The project surveys the condition and configuration of the existing CSO overflow structures. It identifies limitations or deficiencies with the existing structures and makes recommendations for replacement or rehabilitation of the structure.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	100	100	50	0	0	0	250
<b>Project Total:</b>	0	0	100	100	50	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	100	100	50	0	0	0	250
<b>Appropriations Total*</b>	0	0	100	100	50	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## CSO Wastewater Monitoring

**BCL/Program Name:** Combined Sewer Overflow

**BCL/Program Code:** C310B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C305102

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project collects data regarding wastewater flows in the combined sewer system to support facility planning and engineering through model calibration and refinement, pre-flow monitoring of CIP project locations, and post-flow monitoring of CIP projects. Funds are used for acquisition of monitoring equipment, identification of monitoring site locations, and data collection and management for use in modeling, planning, design, and NPDES permit compliance. This project is in a preliminary phase of development and cost estimates will be revised over time. This project has been approved by SPU's Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	1,085	407	325	419	407	382	355	3,380
<b>Project Total:</b>	0	1,085	407	325	419	407	382	355	3,380
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	1,085	407	325	419	407	382	355	3,380
<b>Appropriations Total*</b>	0	1,085	407	325	419	407	382	355	3,380
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Dallas Ave. S Emergency Soil Removal

**BCL/Program Name:** Habitat and Sediments

**BCL/Program Code:** C350B

**Project Type:** New Facility

**Start Date:** 4th Quarter 2004

**Project ID:** C304502

**End Date:** 4th Quarter 2007

**Location:** 17th Ave. S/S Donovan/Dallas Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This is an interim project to mitigate PCB-contaminated soil in street right-of-ways and in two residential yards and a private lot in a residential-industrial neighborhood along 17th Avenue South, South Donovan Street and Dallas Avenue South in South Park (see South Park Soil project C305502). To protect public health in the immediate term, SPU removed some contaminated soil and placed a temporary asphalt cap on other contaminated areas. Crews also installed a temporary storm water collection and treatment system in the area to control runoff from the newly paved roadways. This interim action was designed in consultation with the State Department of Ecology and Seattle-King County Public Health to limit human exposure to the PCBs until a more permanent solution could be implemented. Most of these interim activities were completed in December 2004. Two residential yards and another private storage lot were excavated in June 2005, along with a small part of the road shoulder along 16th Avenue South. For information on other soil remediation projects, see South Park Soil Project (C305502).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	312	0	120	60	0	0	0	0	492
<b>Project Total:</b>	312	0	120	60	0	0	0	0	492
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	312	0	120	60	0	0	0	0	492
<b>Appropriations Total*</b>	312	0	120	60	0	0	0	0	492
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Delridge Way SW/SW Myrtle - DRN

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353204

**End Date:** 4th Quarter 2008

**Location:** Delridge Wy. SW/SW Myrtle St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Delridge

**Urban Village:** Not in an Urban Village

Frequent ponding occurs along the east side of Delridge Way SW, centered near a bus stop just north of SW Myrtle. Traffic on Delridge is adversely impacted, along with bus service (the curb and sidewalk are submerged). This project upgrades the drainage infrastructure at this location, providing adequate conveyance to eliminate the flooding, with some basic water quality features to reduce pollutant loads reaching Longfellow Creek. The confidence level of the cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	45	60	205	21	0	0	0	331
<b>Project Total:</b>	0	45	60	205	21	0	0	0	331
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	45	60	205	21	0	0	0	331
<b>Appropriations Total*</b>	0	45	60	205	21	0	0	0	331
<b>O &amp; M Costs (Savings)</b>			0	0	0	1	1	1	3

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

# SPU - Drainage & Wastewater

## Design Commission Fees - DRN

<b>BCL/Program Name:</b> Other Drainage	<b>BCL/Program Code:</b> C335B
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> Ongoing
<b>Project ID:</b> C301704	<b>End Date:</b> Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project funds the City Design Commission's review of the environmental and design aspects of drainage capital improvement projects funded by the Drainage and Wastewater Fund. Projects reviewed by the Design Commission include those which have a visual impact on the public realm, including buildings, fencing, gates, and landscaping. The allocations shown below are estimates and are expected to be revised over time. This project serves as a central location for fee estimates and once specific projects are reviewed and costs are incurred, the fees are allocated to the appropriate projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	15	26	8	11	11	11	11	93
<b>Project Total:</b>	0	15	26	8	11	11	11	11	93
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	15	26	8	11	11	11	11	93
<b>Appropriations Total*</b>	0	15	26	8	11	11	11	11	93
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Design Commission Fees - WW

**BCL/Program Name:** General Wastewater **BCL/Program Code:** C320B  
**Project Type:** Improved Facility **Start Date:** Ongoing  
**Project ID:** C301706 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project funds the City Design Commission's review of the environmental and design aspects of wastewater capital improvement projects funded by the Drainage and Wastewater Fund. Projects reviewed by the Design Commission include those which have a visual impact on the public realm including buildings, fencing, gates, and landscaping. The allocations shown below are estimates and are expected to be revised over time. This project serves as a central location for fee estimates and when specific projects are reviewed and costs are incurred, fees are allocated to the appropriate projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	5	1	5	5	5	6	6	33
<b>Project Total:</b>	0	5	1	5	5	5	6	6	33
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	5	1	5	5	5	6	6	33
<b>Appropriations Total*</b>	0	5	1	5	5	5	6	6	33
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Design Standards & Guidelines - DRN

<b>BCL/Program Name:</b> Other Drainage	<b>BCL/Program Code:</b> C335B
<b>Project Type:</b> New Investment	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> C353501	<b>End Date:</b> 4th Quarter 2006

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This program creates detailed Design Standards and Guidelines for the development of various types of drainage facilities to streamline future design efforts, reduce costs, and increase the quality of future facilities. This program is conducted with staff from the SPU Engineering and Operations divisions. The project supports benchmarking efforts by SPU's Asset Management Committee and implementation of SPU's Strategic Business Plan. Confidence level in the cost estimate is high.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	263	130	0	0	0	0	0	393
<b>Project Total:</b>	0	263	130	0	0	0	0	0	393
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	263	130	0	0	0	0	0	393
<b>Appropriations Total*</b>	0	263	130	0	0	0	0	0	393
<b>O &amp; M Costs (Savings)</b>			0	100	100	100	100	100	500

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

# SPU - Drainage & Wastewater

## Design Standards & Guidelines - WW

<b>BCL/Program Name:</b> General Wastewater	<b>BCL/Program Code:</b> C320B
<b>Project Type:</b> New Investment	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> C305201	<b>End Date:</b> 4th Quarter 2006

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This program creates detailed Design Standards and Guidelines for the development of various types of wastewater facilities to streamline future design efforts, reduce costs, and increase the quality of future facilities. This program is conducted with staff from the SPU Engineering and Operations divisions. The project supports benchmarking efforts by SPU's Asset Management Committee and implementation of SPU's Strategic Business Plan. Confidence level in the cost estimate is high.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	51	326	0	0	0	0	0	377
<b>Project Total:</b>	0	51	326	0	0	0	0	0	377
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	51	326	0	0	0	0	0	377
<b>Appropriations Total*</b>	0	51	326	0	0	0	0	0	377
<b>O &amp; M Costs (Savings)</b>			0	100	100	100	100	100	500

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





# SPU - Drainage & Wastewater

## Facility Security Upgrades - DRN

**BCL/Program Name:** Other Drainage **BCL/Program Code:** C335B  
**Project Type:** New Facility **Start Date:** 1st Quarter 2004  
**Project ID:** C3NW035-004 **End Date:** 4th Quarter 2006

**Location:** Haller Lake & Charles St. Facilities

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project funds basic physical security upgrades to the Drainage and Wastewater facilities at Haller Lake and Charles St. including installation of card key access systems, high security locks, reinforced doors and windows, and "No Trespassing" signs on perimeter fencing.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	16	0	0	0	0	0	0	16
<b>Project Total:</b>	0	16	0	0	0	0	0	0	16
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	16	0	0	0	0	0	0	16
<b>Appropriations Total*</b>	0	16	0	0	0	0	0	0	16
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Facility Security Upgrades - WW

**BCL/Program Name:** General Wastewater **BCL/Program Code:** C320B  
**Project Type:** New Facility **Start Date:** 1st Quarter 2004  
**Project ID:** C304202 **End Date:** 4th Quarter 2006

**Location:** Haller Lake & Charles St. Facilities

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project funds basic physical security upgrades to the Drainage and Wastewater facilities including installation of card key access systems, high security locks, reinforced doors and windows, and "No Trespassing" signs on perimeter fencing.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	16	387	0	0	0	0	0	403
<b>Project Total:</b>	0	16	387	0	0	0	0	0	403
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	16	387	0	0	0	0	0	403
<b>Appropriations Total*</b>	0	16	387	0	0	0	0	0	403
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Fecal Total Maximum Daily Load Feasibility

<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> 1st Quarter 2004
<b>Project ID:</b> C343302	<b>End Date:</b> 4th Quarter 2008

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project investigates bacteria problems identified in Seattle's creeks and evaluates options for reducing bacteria levels, including treatment. Work focuses on watersheds that are affected by Total Maximum Daily Load water quality regulations. This focus includes Pipers, Thornton, and Longfellow creeks, after completion of additional work to identify sources of fecal coliform bacteria in these three basins. The project includes funding for development of a pilot project to test performance of some of the alternatives identified during the investigation. Understanding of bacteria sources is key to developing solutions and identifying potential sites for pilot testing. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1	113	0	256	53	0	0	0	423
<b>Project Total:</b>	1	113	0	256	53	0	0	0	423
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1	113	0	256	53	0	0	0	423
<b>Appropriations Total*</b>	1	113	0	256	53	0	0	0	423
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Fish Passage Program

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353305

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program removes top priority fish passage barriers in the city that meet requirements for the use of drainage funds. Within the five fish-bearing creeks in Seattle, there are nearly 90 documented barriers to fish passage. The prioritized list of barriers that this project addresses changes as fish move into new areas, fish populations increase or decrease, and downstream barriers are modified or removed by SPU or others. The project's short-term focus is on removing minor barriers located in downstream Pipers Creek and Taylor Creek near 68th Ave. SE. Currently, returning adult salmon can access approximately five miles of stream. If all the barriers were removed, salmon could potentially use up to 22 miles of stream. SPU's Asset Management Committee approved this project in 2005. This project is in a preliminary phase of development and cost estimates will be revised over time. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	27	40	128	425	140	121	124	1,005
<b>Project Total:</b>	0	27	40	128	425	140	121	124	1,005
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	27	40	128	425	140	121	124	1,005
<b>Appropriations Total*</b>	0	27	40	128	425	140	121	124	1,005
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Force Main/Pump Stations Plan

<b>BCL/Program Name:</b> General Wastewater	<b>BCL/Program Code:</b> C320B
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 3rd Quarter 2002
<b>Project ID:</b> C302204	<b>End Date:</b> Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This program implements a long-term strategy for prioritizing improvements in the City's wastewater force mains and pump stations based on criteria such as average life expectancy, system capacity projections, and physical inventory data. The program includes replacing defective critical components. The program allows SPU to make better capital replacement and repair decisions regarding pump stations and force mains, helping to optimize operations and maintenance efforts and costs associated with these assets over a longer-term planning horizon.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	317	288	142	513	525	538	552	566	3,441
<b>Project Total:</b>	317	288	142	513	525	538	552	566	3,441
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	317	288	142	513	525	538	552	566	3,441
<b>Appropriations Total*</b>	317	288	142	513	525	538	552	566	3,441
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Fremont-Wallingford CSO

**BCL/Program Name:** Combined Sewer Overflow

**BCL/Program Code:** C310B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C303102

**End Date:** 1st Quarter 2020

**Location:** Fremont/Wallingford areas

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project constructs Combined Sewer Overflow (CSO) reduction facilities in the Fremont/Wallingford area, at Basins 147 and 174. Major work includes flow monitoring, system modeling, facility planning, preliminary engineering, design, permits, land acquisition (if necessary) and construction. Work performed in the initial planning phase collects additional data and re-evaluates alternatives prior to allocating and spending additional funds. The project is on hold until 2007, and the project budget and schedule have been revised from the 2001 CSO Plan to account for project development, CSO Retrofit Implementation (which may reduce the size of the necessary facilities in this basin), and potential coordination with King County. Proposed allocations for 2007 and 2008 are for initial planning work, with future allocations to be determined after the study is completed. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee review is required before the start of the project. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	513	525	0	0	0	1,038
<b>Project Total:</b>	0	0	0	513	525	0	0	0	1,038
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	0	513	525	0	0	0	1,038
<b>Appropriations Total*</b>	0	0	0	513	525	0	0	0	1,038
<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 in thousands of dollars.*



# SPU - Drainage & Wastewater

## Golden Gardens/View Ave. Landslide

**BCL/Program Name:** Public Asset Protection

**BCL/Program Code:** C334B

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2004

**Project ID:** C343403

**End Date:** 4th Quarter 2008

**Location:** Golden Garden Dr. NW/View Dr. NW

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

This project performs preliminary engineering and initial design of a landslide mitigation project in the area of Golden Gardens Drive NW and View Ave. NW. There is uncontrolled stormwater discharging off of View Ave. NW onto private properties and an eight-inch sewer line and pump station on a steep slope that has experienced several landslides in the past. The Seattle Department of Parks and Recreation (Parks) owns property down slope of both streets and Golden Gardens Drive NW has been damaged from past slides. This project has been identified as a potential joint project between SPU, the Seattle Department of Parks and Recreation and the Seattle Department of Transportation. The project is in the planning phase and cost estimates will be revised over time. The SPU Asset Management Committee approved this project in 2004.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	66	50	100	513	677	0	0	0	1,406
<b>Project Total:</b>	66	50	100	513	677	0	0	0	1,406
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	66	50	100	513	677	0	0	0	1,406
<b>Appropriations Total*</b>	66	50	100	513	677	0	0	0	1,406
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Greenwood Peat Bog

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2003

**Project ID:** C333207

**End Date:** 4th Quarter 2010

**Location:** NW 85th St. & NW 97th St. & Greenwood Ave. N & 8th Av. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

This project studies the physical features of the Greenwood Peat Bog basin, including water levels, basin morphometry, and peat layers/characteristics. Flow monitors have also been installed in the storm drain system and in Pipers Creek to determine whether the creek is affected by land use impacts, especially dewatering, in the basin. Water level and flow monitoring take place over several years to develop a hydrologic model, which supports consideration of land use restrictions to control ongoing subsidence problems and alternatives to stormwater conveyance where technically feasible. Corrugated metal pipe was used for the storm drain trunk system, and it may be nearing the end of its useful life. The project also supports rehabilitation/replacement options for this system. The confidence level of the current cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	167	65	20	21	21	108	22	0	424
<b>Project Total:</b>	167	65	20	21	21	108	22	0	424
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	167	65	20	21	21	108	22	0	424
<b>Appropriations Total*</b>	167	65	20	21	21	108	22	0	424
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Greenwood Water Quality Best Management Practice

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353306

**End Date:** 4th Quarter 2007

**Location:** N 105th St./N 112th St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project designs and constructs a stormwater treatment facility to meet code requirements for a portion of the Seattle Department of Transportation (SDOT) roadway improvement project on Greenwood Ave. N between N 105th and N 112th Streets. See SDOT project TC36638 for more transportation-related information. SPU and SDOT have agreed that the existing natural drainage system on NW 110th can be modified to meet most of the drainage requirements. This project provides treatment for the section of Greenwood Ave. N between NW 105th and NW 107th via a media filtration vault or other conventional stormwater treatment system. The project also includes grant funding for the SDOT roadway improvement project. The confidence level of the current cost estimate is low confidence as the project is in the planning phase.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	40	80	349	0	0	0	0	469
<b>Project Total:</b>	0	40	80	349	0	0	0	0	469
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	40	80	349	0	0	0	0	469
<b>Appropriations Total*</b>	0	40	80	349	0	0	0	0	469
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Heavy Equipment Purchases - DRN

**BCL/Program Name:** Other Drainage **BCL/Program Code:** C335B  
**Project Type:** New Investment **Start Date:** Ongoing  
**Project ID:** C300399 **End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** Not in an Urban Village

This project replaces existing heavy equipment (such as vactors, loaders, and bulldozers) used by SPU field crews. These pieces of equipment have reached the end of their useful lives. The project also funds retrofitting of existing equipment to meet environmental standards.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,919	477	320	825	1,073	485	706	725	6,530
<b>Project Total:</b>	1,919	477	320	825	1,073	485	706	725	6,530
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1,919	477	320	825	1,073	485	706	725	6,530
<b>Appropriations Total*</b>	1,919	477	320	825	1,073	485	706	725	6,530
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Heavy Equipment Purchases - WW

**BCL/Program Name:** General Wastewater **BCL/Program Code:** C320B  
**Project Type:** New Investment **Start Date:** Ongoing  
**Project ID:** C300499 **End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project replaces existing heavy equipment (such as vactors, loaders, and bulldozers) used by SPU field crews. These pieces of equipment have reached the end of their useful lives. The project also funds retrofitting of existing equipment to meet environmental standards.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,368	2,410	195	440	684	345	784	804	7,030
<b>Project Total:</b>	1,368	2,410	195	440	684	345	784	804	7,030
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1,368	2,410	195	440	684	345	784	804	7,030
<b>Appropriations Total*</b>	1,368	2,410	195	440	684	345	784	804	7,030
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## High Point Drainage System

<b>BCL/Program Name:</b> Flood Control and Local Drainage	<b>BCL/Program Code:</b> C332B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2002
<b>Project ID:</b> C301303	<b>End Date:</b> 4th Quarter 2009

**Location:** SW Juneau St./SW Myrtle St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project funds SPU's share of a partnership with the Seattle Housing Authority (SHA) to construct 34 blocks of natural drainage system in SHA's High Point 120-acre redevelopment. The natural drainage system project retrofits 10% of Longfellow Creek Watershed to meet the pre-developed pasture runoff conditions for the two-year design storm, as well as provide a distributed, block-scale water quality treatment system. The drainage system also includes construction of porous pavement sidewalks and up to three blocks of porous pavement streets. The project enables SPU to achieve flood control and water quality objectives in the project area at a lower cost than through either development of a large regional drainage and water quality facility, or through retrofit of currently developed streets to include natural drainage systems.

Funding to maintain the new natural drainage system starting in 2007 will be included in future SPU budgets. The High Point Natural Drainage System was approved by City Council in May 2003 as part of SHA's subdivision and street vacation application. The project is partially funded by a \$2.7 million construction loan and a \$157,170 grant for education, water quality monitoring and other activities, both from the Washington State Department of Ecology, and a \$192,900 grant from the United States Environmental Protection Agency. These loans and grants were authorized in 2004 by Ordinance 121553. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	810	1,300	1,100	513	53	54	0	0	3,830
<b>Project Total:</b>	810	1,300	1,100	513	53	54	0	0	3,830
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	810	1,300	1,100	513	53	54	0	0	3,830
<b>Appropriations Total*</b>	810	1,300	1,100	513	53	54	0	0	3,830
<b>O &amp; M Costs (Savings)</b>			0	36	64	64	65	65	294

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

# SPU - Drainage & Wastewater

## Intergovernmental Shares - DRN

<b>BCL/Program Name:</b> Other Drainage	<b>BCL/Program Code:</b> C335B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> C353550	<b>End Date:</b> Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides funding of approximately \$2 million per year beginning in 2005 to enable SPU to partner with other City departments that are implementing projects with a drainage nexus and creating a benefit for the drainage system. Requests for funding from this project are developed in partnership with other departments and SPU, and involve joint planning of CIP projects. The SPU Asset Management Committee reviews and approves all drainage dollar commitments. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	2,000	2,000	2,050	2,101	2,154	2,208	2,263	14,776
<b>Project Total:</b>	0	2,000	2,000	2,050	2,101	2,154	2,208	2,263	14,776
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	2,000	2,000	2,050	2,101	2,154	2,208	2,263	14,776
<b>Appropriations Total*</b>	0	2,000	2,000	2,050	2,101	2,154	2,208	2,263	14,776
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Intergovernmental Shares - WW

<b>BCL/Program Name:</b> General Wastewater	<b>BCL/Program Code:</b> C320B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> C305250	<b>End Date:</b> Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides funding of approximately \$250,000 per year beginning in 2005 to enable SPU to partner with other City departments that are implementing projects with a wastewater nexus and creating a benefit for the wastewater system. Requests for funding from this project are developed in partnership with other departments and SPU, and involve joint planning of CIP projects. The SPU Asset Management Committee reviews and approves all wastewater dollar commitments. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	250	250	256	263	269	276	283	1,847
<b>Project Total:</b>	0	250	250	256	263	269	276	283	1,847
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	250	250	256	263	269	276	283	1,847
<b>Appropriations Total*</b>	0	250	250	256	263	269	276	283	1,847
<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 in thousands of dollars.*



# SPU - Drainage & Wastewater

## Lake City/NE 92nd Storm Drain

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** Rehabilitation or Restoration

**Start Date:** 3rd Quarter 2002

**Project ID:** C302312

**End Date:** 4th Quarter 2007

**Location:** Lake City Wy. NE/NE 92nd St./NE 95th St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project rehabilitates approximately 700 feet of cracked culvert line along the east side of Lake City Way NE between NE 92nd and NE 95th Streets. The project is scheduled for construction in 2007.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	26	0	0	201	0	0	0	0	227
<b>Project Total:</b>	26	0	0	201	0	0	0	0	227
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	26	0	0	201	0	0	0	0	227
<b>Appropriations Total*</b>	26	0	0	201	0	0	0	0	227
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Longfellow Creek-Yancy St. - Phase 3

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2003

**Project ID:** C302332

**End Date:** 4th Quarter 2007

**Location:** SW Yancy St./30th Ave. SW

**Neighborhood Plan:** Delridge

**Neighborhood Plan Matrix:** I-A-11

**Neighborhood District:** Delridge

**Urban Village:** Not in an Urban Village

This project continues habitat improvements at the Yancy St. site along Longfellow Creek. Work includes additional bank stabilization, landscaping, wetland enhancements, and other repairs as necessary. The construction phase of the project is substantially complete and is now in the close-out phase.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	161	64	0	10	0	0	0	0	235
<b>Project Total:</b>	161	64	0	10	0	0	0	0	235
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	161	64	0	10	0	0	0	0	235
<b>Appropriations Total*</b>	161	64	0	10	0	0	0	0	235
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60

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

# SPU - Drainage & Wastewater

## Lower Densmore Drainage Improvement

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353205

**End Date:** 4th Quarter 2006

**Location:** Aurora Ave. N

**Neighborhood Plan:** Broadview-Bitter Lake-Haller Lake

**Neighborhood Plan Matrix:** B2

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

This project develops the preliminary engineering analysis, including the modeling, to identify alternatives to constructing a storm drain system in the Lower Densmore subbasin. The project also identifies the additional system requirements for stormwater flow resulting from improvements in the Bitter Lake, Haller Lake and Stone Ave. subbasins. Lower Densmore is a large subbasin on the receiving end of the flow draining through the upper Densmore basin, which includes the Bitter Lake, Haller Lake and Stone Ave. subbasins. This subbasin has experienced numerous flooding incidents for two-year storm levels or higher, in particular at N 107th and Midvale Ave. N, and the Licton Springs area. This preliminary engineering phase defines a scope and budget for the project, and the cost for design and construction will be determined after preliminary engineering is completed. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee review is conducted prior to project implementation.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	225	225	0	0	0	0	0	450
<b>Project Total:</b>	0	225	225	0	0	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	225	225	0	0	0	0	0	450
<b>Appropriations Total*</b>	0	225	225	0	0	0	0	0	450
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Madison Valley Infrastructure Improvements

<b>BCL/Program Name:</b> General Wastewater	<b>BCL/Program Code:</b> C320B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2006
<b>Project ID:</b> C306201	<b>End Date:</b> TBD

**Location:** Madison Valley

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The project corrects infrastructure deficiencies that have resulted in sewage backups and flooding problems in the vicinity of East John Street and 30th Avenue East, to minimize the likelihood that sewage backups and stormwater flooding occur in private residences. This project may include stormwater and combined sewage new facilities and also make operational or infrastructure improvements. The project may include flow monitoring, modeling, property acquisition, preliminary engineering, design, permitting, public works contracting, demolition activities, community involvement, Asset Management deliverables, and construction of infrastructure improvements. Future phases of the project will continue beyond 2006. The cost estimate is preliminary and will be refined over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	1,200	0	0	0	0	0	1,200
<b>Project Total:</b>	0	0	1,200	0	0	0	0	0	1,200
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	1,200	0	0	0	0	0	1,200
<b>Appropriations Total*</b>	0	0	1,200	0	0	0	0	0	1,200
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Main Warehouse 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> 1st Quarter 2006
<b>Project ID:</b> C406601-DWF	<b>End Date:</b> 4th Quarter 2006

**Location:** 2700 Airport/Way/S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project evaluates, plans, designs and constructs building systems, such as a sprinkler system for fire suppression, and maintenance improvements such as lighting, heating, ventilation and air conditioning, and roof replacement for the main warehouse facility at the Operations Control Center. The funding shown for this project reflect an estimated cost to perform required code improvements and evaluate the overall building needs. The SPU Asset Management Committee approved this project in 2005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	128	0	0	0	0	0	128
<b>Project Total:</b>	0	0	128	0	0	0	0	0	128
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	128	0	0	0	0	0	128
<b>Appropriations Total*</b>	0	0	128	0	0	0	0	0	128
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Meadowbrook Outfall Rehabilitation

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353206

**End Date:** 2nd Quarter 2008

**Location:** Riviera Pl. NE & NE 105th & NE 106th St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project repairs or replaces three damaged outfall pipes discharging overflow stormwater from Meadowbrook Pond to Lake Washington at Riviera Place NE between NE 106th St. and NE 105th St. Preliminary engineering investigates alternatives to repair or replace the three outfall pipes, and assesses conditions of related structures, including the seawall next to the outfall pipes, an upstream 90-inch pipe connecting to the outfall pipes, and an upstream 72-inch pipe connecting to the 90-inch pipe. Preliminary engineering also investigates causes to sinkholes near the outfall pipes, and performs a flow analysis and evaluation to check the feasibility of adding another 72-inch overflow pipe at Meadowbrook Pond. The planning phase cost estimate has a medium level of confidence. The SPU Asset Management Committee reviewed is required before the start of the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	200	231	1,333	53	0	0	0	1,817
<b>Project Total:</b>	0	200	231	1,333	53	0	0	0	1,817
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	200	231	1,333	53	0	0	0	1,817
<b>Appropriations Total*</b>	0	200	231	1,333	53	0	0	0	1,817
<b>O &amp; M Costs (Savings)</b>			0	0	0	12	12	12	36

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

# SPU - Drainage & Wastewater

## Meter Replacement - DWF

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C4101-DWF **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** In more than one Urban Village

This program replaces customer meters that are not performing within the American Water Works Association's standards of accuracy due to obsolescence, incorrect application, or inability to repair. It is currently more cost-effective to replace two-inch and smaller meters than it is to repair them. Three-inch and larger meters are repaired, if possible. In the 2005-2010 Adopted CIP, the project ID was C404102-DWF for this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,817	672	597	543	557	571	643	643	8,043
<b>Project Total:</b>	3,817	672	597	543	557	571	643	643	8,043
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	3,817	672	597	543	557	571	643	643	8,043
<b>Appropriations Total*</b>	3,817	672	597	543	557	571	643	643	8,043
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Minor Facility Upgrades - Rehabilitation

**BCL/Program Name:** Sewer Rehabilitation **BCL/Program Code:** C340B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 1998  
**Project ID:** C3AA402 **End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** In more than one Urban Village

This project makes minor upgrades and replacements to sewer infrastructure such as setting castings to grade on repaving projects and installing maintenance holes on existing sewer mainlines. These upgrades facilitate maintenance activities and do not increase capacity.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	211	80	76	81	110	98	100	103	859
<b>Project Total:</b>	211	80	76	81	110	98	100	103	859
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	211	80	76	81	110	98	100	103	859
<b>Appropriations Total*</b>	211	80	76	81	110	98	100	103	859
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## MLK Way/Norfolk St. Storm Improvement

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2003

**Project ID:** C333205

**End Date:** 4th Quarter 2010

**Location:** Norfolk Drainage Basin East Of I-5

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project reduces flooding problems along Martin Luther King, Jr. Way S and adjacent streets by rehabilitating the existing system, eliminating bypasses to the sanitary sewer system and providing a functioning conveyance system for future roadway and drainage improvements proposed for construction in 2007 along Martin Luther King, Jr. Way by Sound Transit. The project removes petroleum-contaminated sediments from the existing system, provides improved maintenance access for future cleaning, increases the carrying capacity of the system to meet a 25-year performance level, improves storm water quality treatment utilizing funding from Sound Transit, and reduces overall long-term maintenance costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	171	440	183	113	2	2	2	0	913
<b>Project Total:</b>	171	440	183	113	2	2	2	0	913
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	171	440	183	113	2	2	2	0	913
<b>Appropriations Total*</b>	171	440	183	113	2	2	2	0	913
<b>O &amp; M Costs (Savings)</b>			0	0	2	2	2	2	8

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

# SPU - Drainage & Wastewater

## Mobility Improvement

**BCL/Program Name:** Other Drainage  
**Project Type:** Improved Facility  
**Project ID:** C333514

**BCL/Program Code:** C335B  
**Start Date:** 1st Quarter 2004  
**End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This program funds drainage designers to work on Seattle Department of Transportation design functions and assist with cost estimates for transportation capital project grant applications. This coordination allows SPU to improve drainage in concert with transportation capital projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	300	300	300	308	315	323	331	339	2,516
<b>Project Total:</b>	300	300	300	308	315	323	331	339	2,516
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	300	300	300	308	315	323	331	339	2,516
<b>Appropriations Total*</b>	300	300	300	308	315	323	331	339	2,516
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Monitoring System Upgrades

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C343303

**End Date:** 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project updates SPU's flow and rainfall monitoring system to improve access to the data and to ensure consistent data quality for the existing network of rainfall, Combined Sewer Overflow (CSO) and stream/storm drain monitoring stations located throughout the city. Flow monitoring data is routinely collected and used to design capital improvement projects, comply with water quality permit requirements, and evaluate program and project performance. Better data can also be used to identify maintenance problems, help reduce costs, and improve the effectiveness of future projects. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	137	459	103	0	0	0	0	0	699
<b>Project Total:</b>	137	459	103	0	0	0	0	0	699
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	137	459	103	0	0	0	0	0	699
<b>Appropriations Total*</b>	137	459	103	0	0	0	0	0	699
<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 in thousands of dollars.

# SPU - Drainage & Wastewater

## N 105th St./Aurora Ave. N - Drainage Improvement

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2006

**Project ID:** C363203

**End Date:** 4th Quarter 2007

**Location:** N 105th St./Aurora Ave. N/Northgate Ave.

**Neighborhood Plan:** Aurora Licton

**Neighborhood Plan Matrix:** D-3

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project investigates stormwater runoff along north 105th Street and Aurora Ave. N. The project examines the causes of flooding in the travel lane, and possible drainage improvements to this area including the alternative of constructing new inlets and catch-basins. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	150	103	0	0	0	0	253
<b>Project Total:</b>	0	0	150	103	0	0	0	0	253
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	150	103	0	0	0	0	253
<b>Appropriations Total*</b>	0	0	150	103	0	0	0	0	253
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## N 125th & Aurora N Storm Drain

<b>BCL/Program Name:</b> Flood Control and Local Drainage	<b>BCL/Program Code:</b> C332B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 3rd Quarter 2002
<b>Project ID:</b> C302313	<b>End Date:</b> 4th Quarter 2011

**Location:** N 125th St./Aurora Ave. N

<b>Neighborhood Plan:</b> Broadview-Bitter Lake-Haller Lake	<b>Neighborhood Plan Matrix:</b> A-6
<b>Neighborhood District:</b> Northwest	<b>Urban Village:</b> Bitter Lake Village

This project funds a preliminary study for the construction of approximately 2,550 linear feet of new pipe combined with catch-basins and connecting pipes along N 125th St. and Aurora Ave. N, as well as the upgrade of approximately 2,400 linear feet of existing pipe along Aurora Ave. N, to reduce street and property flooding. The project is consistent with SPU's Densmore Drainage Basin Study, and has been accelerated to coordinate with the Seattle Department of Transportation (SDOT) Aurora Transit, Pedestrian and Safety Improvements project TC36625, which plans to install new curbs, gutters, and sidewalks on the west side of Aurora Ave. N from N 110th to N 145th St. The shoulder is also upgraded and converted to a new bus lane.

While construction of SDOT's project is targeted to begin second quarter of 2006, delay may occur due to uncertainty around the funding of SDOT's Aurora Transportation project. SPU plans to proceed with this project on an expedited basis to take advantage of cost sharing opportunities with SDOT. The project is also coordinated with downstream improvements that SPU is making to move stormwater out of the Densmore Basin to Lake Union, and with the Water Quality Study planned for the Densmore Basin, which evaluates alternatives for improving water quality in the basin. This project is in a preliminary phase of development and cost estimates will be revised over time. SPU's Asset Management Committee has approved Preliminary Engineering for the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	593	800	575	1,538	1,576	1,615	1,656	1,000	9,353
<b>Project Total:</b>	593	800	575	1,538	1,576	1,615	1,656	1,000	9,353
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	593	800	575	1,538	1,576	1,615	1,656	1,000	9,353
<b>Appropriations Total*</b>	593	800	575	1,538	1,576	1,615	1,656	1,000	9,353
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## N 85th St/Greenwood Ave. - Drainage Improvement

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2006

**Project ID:** C363204

**End Date:** 4th Quarter 2007

**Location:** Greenwood Ave. N/3rd Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Greenwood

This project investigates a drainage problem identified at this location through the development of the Comprehensive Drainage Plan. Although street flooding in the travel lane exists, little information is currently available about the causes or extent of the problem, or potential solutions. The confidence level of the preliminary cost estimate is low.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	150	103	0	0	0	0	253
<b>Project Total:</b>	0	0	150	103	0	0	0	0	253
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	150	103	0	0	0	0	253
<b>Appropriations Total*</b>	0	0	150	103	0	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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Natural Drainage System Improvements

<b>BCL/Program Name:</b> Flood Control and Local Drainage	<b>BCL/Program Code:</b> C332B
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 1st Quarter 2003
<b>Project ID:</b> C333206	<b>End Date:</b> Ongoing

**Location:** Various/3rd Ave. NW

<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 assesses unimproved right-of-way within the city and identifies areas suitable for enhancing existing ditch drainage systems. In addition to identifying "natural system" drainage areas based on surface water management goals, the project assesses neighborhood, land use, and transportation objectives for unimproved right-of-way. The project produces a suitability map for "natural system" surface water management in the right-of-way. The project also identifies a menu of options for natural system enhancement based on local condition criteria and drainage basin performance goals relative to conveyance, detention or treatment. Each option is developed for consideration in the City's Street Improvement Manual update, and includes right-of-way elements, configuration and dimensions. For each option, associated standard plans are developed for consideration in the Standard Plans update to assist SPU in prioritizing drainage improvements, as well as to prescribe how drainage is to be improved by other public and private developers. Work on this project was delayed while efforts were spent on natural drainage systems at 3rd Ave. NW and NW 107th St., Venema Creek, and Pinehurst Natural Drainage Systems. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	250	326	217	1,773	1,092	1,130	1,000	5,788
<b>Project Total:</b>	0	250	326	217	1,773	1,092	1,130	1,000	5,788
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	250	326	217	1,773	1,092	1,130	1,000	5,788
<b>Appropriations Total*</b>	0	250	326	217	1,773	1,092	1,130	1,000	5,788
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## No Dig Pipe & Maintenance Rehabilitation

**BCL/Program Name:** Sewer Rehabilitation **BCL/Program Code:** C340B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C3AA403 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** In more than one Urban Village

This ongoing program rehabilitates sewer pipes prior to complete failure. "No Dig" technology avoids surface use disruption and costly surface repairs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	9,882	785	663	1,531	2,288	2,280	2,008	2,511	21,948
<b>Project Total:</b>	9,882	785	663	1,531	2,288	2,280	2,008	2,511	21,948
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	9,882	785	663	1,531	2,288	2,280	2,008	2,511	21,948
<b>Appropriations Total*</b>	9,882	785	663	1,531	2,288	2,280	2,008	2,511	21,948
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Northlake Way Drainage

**BCL/Program Name:** Flood Control and Local Drainage **BCL/Program Code:** C332B  
**Project Type:** New Facility **Start Date:** 1st Quarter 2004  
**Project ID:** C343202 **End Date:** 4th Quarter 2006

**Location:** N Northlake Wy/Stone Wy. N

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Lake Union **Urban Village:** Not in an Urban Village

This project studies drainage problems along N Northlake Way, located along the north shore of Lake Union. The project proposes solutions to noted storm water conveyance problems, as well as alternatives for water quality treatment before draining into Lake Union. The timing of the project is such that it can be coordinated with planned paving improvements along N Northlake Way as planned by the Seattle Department of Transportation.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	17	200	300	0	0	0	0	0	517
<b>Project Total:</b>	17	200	300	0	0	0	0	0	517
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	17	200	300	0	0	0	0	0	517
<b>Appropriations Total*</b>	17	200	300	0	0	0	0	0	517
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Northpark Ave. N Drainage Improvement

<b>BCL/Program Name:</b> Flood Control and Local Drainage	<b>BCL/Program Code:</b> C332B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 2nd Quarter 2007
<b>Project ID:</b> C3NW032-011	<b>End Date:</b> 4th Quarter 2010

**Location:** Northpark Ave N & Linden Ave N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project investigates and makes improvements to address the drainage problem identified at this location (Northpark Ave. N, formerly called Linden Swale) during development of the Comprehensive Drainage Plan. Little information is currently available about the extent or causes of the problem, or potential solutions. The confidence level for the cost estimate is low.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	51	735	377	28	0	1,191
<b>Project Total:</b>	0	0	0	51	735	377	28	0	1,191
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	0	51	735	377	28	0	1,191
<b>Appropriations Total*</b>	0	0	0	51	735	377	28	0	1,191
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Operational Facilities Plan

<b>BCL/Program Name:</b> Shared Cost Projects	<b>BCL/Program Code:</b> C410B
<b>Project Type:</b> Improved Facility	<b>Start Date:</b> 1st Quarter 2006
<b>Project ID:</b> C406622-DWF	<b>End Date:</b> 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides an inventory of existing facilities and their condition and identifies department functions, and adjacency, facility and space requirements. The information is used to develop a plan for the use of existing facilities, required upgrades, identification of gaps and recommended options for addressing those gaps. The 2006 total cost for this project across all the SPU funds is \$759,000.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	260	0	0	0	0	0	260
<b>Project Total:</b>	0	0	260	0	0	0	0	0	260
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	260	0	0	0	0	0	260
<b>Appropriations Total*</b>	0	0	260	0	0	0	0	0	260
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Operations Control Center Upgrade - 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> 1st Quarter 2003
<b>Project ID:</b> C404501-DWF	<b>End Date:</b> 4th Quarter 2007

**Location:** 2700 Airport Wy. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project remodels and upgrades SPU's Operations Control Center building. The project includes reconfiguring internal space to improve security and incorporate the new Supervisory Control And Data Acquisition (SCADA) system. The upgraded center accommodates SPU's new Strategic Operations Division, as well as Field Operations administration and electrical, mechanical, maintenance and emergency response crews.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	164	770	286	108	0	0	0	0	1,328
<b>Project Total:</b>	164	770	286	108	0	0	0	0	1,328
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	164	770	286	108	0	0	0	0	1,328
<b>Appropriations Total*</b>	164	770	286	108	0	0	0	0	1,328
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Other Agency Opportunity - DRN

<b>BCL/Program Name:</b> Other Drainage	<b>BCL/Program Code:</b> C335B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> C353520	<b>End Date:</b> Ongoing

**Location:** Citywide

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project designs and constructs improvements to the drainage system as opportunities arise to partner with projects being constructed by other agencies. In order to reduce disruption of neighborhoods by future street openings, SPU considers replacing or repairing facilities in conjunction with construction on other projects such as Sound Transit Link Light Rail, the Seattle Monorail, the Alaskan Way Viaduct, other Washington State Department of Transportation projects, and transportation improvements at South Lake Union. SPU saves the cost of surface restoration and extends the life of its facilities, or upgrades their capacity, as needed. This project is in a preliminary phase of development and cost estimates will be revised over time as specific projects are identified.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	355	400	1,025	1,414	1,077	1,104	1,132	6,507
<b>Project Total:</b>	0	355	400	1,025	1,414	1,077	1,104	1,132	6,507
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	355	400	1,025	1,414	1,077	1,104	1,132	6,507
<b>Appropriations Total*</b>	0	355	400	1,025	1,414	1,077	1,104	1,132	6,507
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Other Agency Opportunity - WW

<b>BCL/Program Name:</b> General Wastewater	<b>BCL/Program Code:</b> C320B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> C305220	<b>End Date:</b> Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** In more than one Urban Village

This project designs and constructs improvements to the wastewater system as opportunities arise to partner with projects being constructed by other agencies. In order to reduce disruption of neighborhoods by future street openings, SPU considers replacing or repairing facilities in conjunction with construction on other projects such as Sound Transit Link Light Rail, the Seattle Monorail, the Alaskan Way Viaduct, other Washington State Department of Transportation projects, and transportation improvements at South Lake Union. SPU saves the cost of surface restoration and extends the life of its facilities or upgrades their capacity, as needed. This project is in a preliminary phase of development and cost estimates will be revised over time as specific projects are identified.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	139	200	410	420	431	442	453	2,495
<b>Project Total:</b>	0	139	200	410	420	431	442	453	2,495
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	139	200	410	420	431	442	453	2,495
<b>Appropriations Total*</b>	0	139	200	410	420	431	442	453	2,495
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Pinehurst Natural Drainage System

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 4th Quarter 2002

**Project ID:** C333202

**End Date:** 4th Quarter 2008

**Location:** Thornton Creek Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project constructs Natural Drainage System improvements to convey stormwater, using the unimproved right-of-way as a starting point for design. The project scope includes: constructing an engineered system of swales or other design alternatives to detain runoff, filter pollutants and allow maximum opportunity for infiltration; using native vegetation as a stormwater management element, as well as for aesthetic appeal; and constructing a sidewalk on one side of each street within the project area (these sidewalks may include alternative design elements such as porous pavements). The project installs natural drainage systems on approximately 11.5 blocks (330 ft. per block) in the project area.

In addition, some ditch and culvert systems are installed to mitigate against existing spot drainage problems. In 2004, this project was the subject of a budget proviso, which was lifted by Ordinance 121459. The project is partially funded with a \$3.7 million state Public Works Trust Fund Loan, which was approved by Ordinance 121464 in 2004. Beginning in 2008, costs to operate and maintain the new system will be included in the Department's budget. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,168	1,698	1,287	91	12	0	0	0	4,256
<b>Project Total:</b>	1,168	1,698	1,287	91	12	0	0	0	4,256
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1,168	1,698	1,287	91	12	0	0	0	4,256
<b>Appropriations Total*</b>	1,168	1,698	1,287	91	12	0	0	0	4,256
<b>O &amp; M Costs (Savings)</b>			0	0	1	2	1	1	5

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

# SPU - Drainage & Wastewater

## Piper's Creek - Detention

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** Improved Facility

**Start Date:** 3rd Quarter 1999

**Project ID:** C399326

**End Date:** Ongoing

**Location:** 777 NW Carkeek Park Rd.

**Neighborhood Plan:** Broadview-Bitter Lake-Haller Lake

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

The existing pond on NW Carkeek Park Road is loaded with sediment and has little detention capacity, requiring substantial improvements before it can serve as a detention facility. After evaluation of alternatives and performing cost/benefit analysis, the preferred option is to dredge the existing pond now, and every 10 years, to maintain its function as a sedimentation trap. The project provides for this dredging, as well as for ongoing dam monitoring and ditch cleaning.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	296	140	24	41	42	43	44	45	675
<b>Project Total:</b>	296	140	24	41	42	43	44	45	675
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	296	140	24	41	42	43	44	45	675
<b>Appropriations Total*</b>	296	140	24	41	42	43	44	45	675
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	3	18

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# SPU - Drainage & Wastewater

## Point Sewer Pipe Rehabilitation - Contract

<b>BCL/Program Name:</b> Sewer Rehabilitation	<b>BCL/Program Code:</b> C340B
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 1st Quarter 2003
<b>Project ID:</b> C303401	<b>End Date:</b> Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This program repairs and replaces failing and misaligned sewer pipes throughout the city. An ongoing closed circuit television (CCTV) inspection program identifies pipes to be replaced. This program prevents complete pipe collapse by providing small repairs at numerous sites throughout the city, avoiding more costly full-line failures or repairs. This rehabilitation program is performed by outside contractors.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	965	810	445	1,421	3,071	1,616	1,651	1,533	11,512
<b>Project Total:</b>	965	810	445	1,421	3,071	1,616	1,651	1,533	11,512
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	965	810	445	1,421	3,071	1,616	1,651	1,533	11,512
<b>Appropriations Total*</b>	965	810	445	1,421	3,071	1,616	1,651	1,533	11,512
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Point Sewer Pipe Rehabilitation - Crews

**BCL/Program Name:** Sewer Rehabilitation **BCL/Program Code:** C340B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2003  
**Project ID:** C303402 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program repairs and replaces failing and misaligned sewer pipes throughout the city. An ongoing closed circuit television (CCTV) inspection program identifies pipes to be replaced. This program prevents complete pipe collapse by providing small repairs at numerous sites throughout the city, avoiding more costly full-line failures or repairs. This rehabilitation program is performed by City crews.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	5,404	3,825	3,200	4,271	4,596	4,947	5,325	4,408	35,976
<b>Project Total:</b>	5,404	3,825	3,200	4,271	4,596	4,947	5,325	4,408	35,976
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	5,404	3,825	3,200	4,271	4,596	4,947	5,325	4,408	35,976
<b>Appropriations Total*</b>	5,404	3,825	3,200	4,271	4,596	4,947	5,325	4,408	35,976
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Pump Station Improvements

**BCL/Program Name:** General Wastewater **BCL/Program Code:** C320B  
**Project Type:** New Facility **Start Date:** 1st Quarter 2005  
**Project ID:** C305230 **End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This program provides for wastewater pump station improvements, upgrades, repairs and rehabilitation, including design and installation of emergency generators, and material and labor costs for equipment replacement (pumps and valves), as well as equipment for the remote monitoring system. This project implements the Pump Station Asset Management Plan.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	936	400	1,853	2,095	2,154	2,208	2,263	11,909
<b>Project Total:</b>	0	936	400	1,853	2,095	2,154	2,208	2,263	11,909
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	936	400	1,853	2,095	2,154	2,208	2,263	11,909
<b>Appropriations Total*</b>	0	936	400	1,853	2,095	2,154	2,208	2,263	11,909
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Rainier Ave. S/S Carver - Landslide

**BCL/Program Name:** Public Asset Protection

**BCL/Program Code:** C334B

**Project Type:** New Facility

**Start Date:** 3rd Quarter 2005

**Project ID:** C353401

**End Date:** 1st Quarter 2009

**Location:**

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project makes improvements to protect three combined sewer lines that traverse a steep slope down to Rainier Ave. S. Preliminary analysis determined these three lines were at risk of damage due to landslides. The project entails constructing retaining walls along Rainier Ave. S to protect the combined sewer lines from the effects of landslides. The project also makes improvements to the collection of stormwater from the streets that feed stormwater to these combined sewers, to reduce the risk of landslides. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee review is required before the project implementation phase.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	74	86	57	672	11	0	0	900
<b>Project Total:</b>	0	74	86	57	672	11	0	0	900
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	74	86	57	672	11	0	0	900
<b>Appropriations Total*</b>	0	74	86	57	672	11	0	0	900
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	6	6	12

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

# SPU - Drainage & Wastewater

## S Genesee Combined Sewer Overflow

**BCL/Program Name:** Combined Sewer Overflow

**BCL/Program Code:** C310B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2003

**Project ID:** C303103

**End Date:** 3rd Quarter 2016

**Location:** S Genesee St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project constructs facilities for Combined Sewer Overflow (CSO) reduction in the S Genesee area. Major work includes flow monitoring, system modeling, facility planning, preliminary engineering, design, permits, land acquisition (if necessary) and construction. The project schedule has been revised from the 2001 CSO Plan to account for project development; work performed under the CSO Facility Retrofit project (C302102), which may reduce the size of the necessary facilities in this basin; and potential coordination with King County. This project is in an early phase of development and cost estimates will be revised over time. This project has been approved by SPU's Asset Management Committee. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	70	369	325	423	434	1,093	1,104	272	4,090
<b>Project Total:</b>	70	369	325	423	434	1,093	1,104	272	4,090
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	70	369	325	423	434	1,093	1,104	272	4,090
<b>Appropriations Total*</b>	70	369	325	423	434	1,093	1,104	272	4,090
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## S Henderson CSO Storage

**BCL/Program Name:** Combined Sewer Overflow

**BCL/Program Code:** C310B

**Project Type:** New Facility

**Start Date:** 3rd Quarter 2004

**Project ID:** C304102

**End Date:** 4th Quarter 2017

**Location:** S Henderson St./Rainier Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project constructs facilities for Combined Sewer Overflow (CSO) reduction in the S Henderson/Rainier Ave. S area. Major work includes flow monitoring, system modeling, facility planning, preliminary engineering, design, permits, land acquisition (if necessary) and construction. The project schedule has been revised from the 2001 CSO Plan to account for project development; work performed under the CSO Facility Retrofit project (C302102), which may reduce the size of the necessary facilities in this basin; and potential co-ordination with King County. This project is in a preliminary phase of development and cost estimates will be revised over time. This project has been approved by SPU's Asset Management Committee. In addition, this project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	31	263	325	377	556	641	2,208	208	4,609
<b>Project Total:</b>	31	263	325	377	556	641	2,208	208	4,609
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	31	263	325	377	556	641	2,208	208	4,609
<b>Appropriations Total*</b>	31	263	325	377	556	641	2,208	208	4,609
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## S Henderson Street Raincatchers

<b>BCL/Program Name:</b> General Wastewater	<b>BCL/Program Code:</b> C320B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> C305202	<b>End Date:</b> 4th Quarter 2006

**Location:** S Henderson St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Rainier Beach

This project studies decentralized alternatives to managing the collection and conveyance of disposal of stormwater in combined sewer or partially separated sewer basins. The project also implements a stormwater cistern and rain garden demonstration project in the S Henderson St. neighborhood, which includes conducting pre- and post-project monitoring, marketing, and modeling. The project was created in 2004 by Ordinance 121553, and is partially funded by a \$1.3 million grant from the federal Environmental Protection Agency.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	789	628	0	0	0	0	0	1,417
<b>Project Total:</b>	0	789	628	0	0	0	0	0	1,417
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	789	628	0	0	0	0	0	1,417
<b>Appropriations Total*</b>	0	789	628	0	0	0	0	0	1,417
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## S Lake Washington Sewer Maintenance Assessment

<b>BCL/Program Name:</b> General Wastewater	<b>BCL/Program Code:</b> C320B
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 1st Quarter 2003
<b>Project ID:</b> C303201	<b>End Date:</b> 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project provides an assessment of the condition and capacity of the combined sewer main in the Henderson basin. Work may include cleaning, closed circuit television (CCTV) investigation, monitoring and modeling for alternatives in the basin addressing CSO compliance and sewer main capacity issues. Some repair and retrofit may be needed while long term capital improvements are planned. Confidence level in this current cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	300	10	0	0	0	0	0	310
<b>Project Total:</b>	0	300	10	0	0	0	0	0	310
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	300	10	0	0	0	0	0	310
<b>Appropriations Total*</b>	0	300	10	0	0	0	0	0	310
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Salmon Bay Phase 2 Acquisition & Restoration

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2003

**Project ID:** C333307

**End Date:** 4th Quarter 2006

**Location:** Salmon Bay

**Neighborhood Plan:** Crown Hill/Ballard

**Neighborhood Plan Matrix:** II OS10

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

The Salmon Bay Natural Area is the only remaining wooded shoreline in Ballard that provides refuge and rearing habitat for juvenile salmon as they migrate to Puget Sound. It is a critical transition zone for migrating salmon, which must acclimatize to salt water immediately after passing through the Locks. This project initiates restoration to improve shoreline habitat at the site. The project also improves public access by building pedestrian paths and installing a public “viewing area” with interpretive signage. Environmental restoration continues through 2006 to control invasive species and establish native and other habitat enhancing vegetation.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	419	95	10	0	0	0	0	0	524
<b>Project Total:</b>	419	95	10	0	0	0	0	0	524
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	419	95	10	0	0	0	0	0	524
<b>Appropriations Total*</b>	419	95	10	0	0	0	0	0	524
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Sanitary Sewer Overflow Capacity

<b>BCL/Program Name:</b> General Wastewater	<b>BCL/Program Code:</b> C320B
<b>Project Type:</b> New Investment	<b>Start Date:</b> 2nd Quarter 2002
<b>Project ID:</b> C302205	<b>End Date:</b> Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project develops a guidance document and self-audit tool for SPU to apply to its wastewater collection system programs and practices, as part of complying with a proposed federal ruling on Sanitary Sewer Overflows (SSOs). The project creates an inventory of the components of the wastewater collection system, and helps ensure that SPU's reporting and record keeping practices reflect federal Capacity, Management, Operations and Maintenance program standards. The project identifies gaps in regulatory compliance, and generates recommendations for improving preventive maintenance of the wastewater system and complying with proposed SSO regulations.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	231	350	250	1,025	1,051	1,077	1,104	1,132	6,220
<b>Project Total:</b>	231	350	250	1,025	1,051	1,077	1,104	1,132	6,220
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	231	350	250	1,025	1,051	1,077	1,104	1,132	6,220
<b>Appropriations Total*</b>	231	350	250	1,025	1,051	1,077	1,104	1,132	6,220
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Seattle Housing Authority Integrated Drainage Plan

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2006

**Project ID:** C363301

**End Date:** 2nd Quarter 2010

**Location:** Lake Washington Drainage Basin

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project provides stormwater treatment facilities to mitigate more than eight acres of new roadway in Southeast Seattle created as part of the Seattle Housing Authority's (SHA) low income housing redevelopments, Rainier Vista and New Holly Phase 3. The Seattle Municipal Code requires water quality treatment for runoff from new or replaced vehicular surfaces and allows off-site mitigation when approved by the SPU Director. SHA has agreed to reimburse the capital costs for SPU to identify and construct a water quality project or projects that provides equivalent or greater benefits to the Lake Washington drainage basin than facilities built at the project site.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	300	500	800	150	50	0	1,800
<b>Project Total:</b>	0	0	300	500	800	150	50	0	1,800
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	300	500	800	150	50	0	1,800
<b>Appropriations Total*</b>	0	0	300	500	800	150	50	0	1,800
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	2	2	4

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**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Seattle Monorail Project - DWF

**BCL/Program Name:** Shared Cost Projects

**BCL/Program Code:** C410B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C404301-DWF

**End Date:** 1st Quarter 2006

**Location:** SW Morgan St./NW 85th St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

The Seattle Monorail Project (SMP) is planning an initial 14-mile monorail route between Ballard and West Seattle that travels through downtown Seattle. Seattle voters approved the Monorail conceptual plan in November 2002. This project funds planning, design, and coordination with agencies involved in SPU utility relocations associated with implementation of a new monorail. The project does not include funding for construction. An agreement is in place between the SMP and the City in which the former will reimburse the City for all costs incurred by City departments because of the Monorail project. This project is funded by SPU's Drainage & Wastewater and Water Funds. The SMP's Board of Directors has turned down the financing plan proposed for the SMP, and this project's status is uncertain at the time of the 2006 Proposed Budget. As the project's status becomes clear, its display in the CIP may be adjusted. See also the Seattle Monorail Project in the Seattle City Light CIP (8306).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	122	400	0	0	0	0	0	0	522
<b>Project Total:</b>	122	400	0	0	0	0	0	0	522
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	122	400	0	0	0	0	0	0	522
<b>Appropriations Total*</b>	122	400	0	0	0	0	0	0	522
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Sediment Remediation - DRN

**BCL/Program Name:** Habitat and Sediments

**BCL/Program Code:** C350B

**Project Type:** New Investment

**Start Date:** 1st Quarter 2005

**Project ID:** C305503

**End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides drainage funding for preliminary studies and analysis for cleanup of contaminated sediment sites in which the City is a participant, for actual clean-up of contaminated sites, and for preliminary engineering for future clean-up efforts. 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. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	1,196	2,115	611	287	221	162	166	4,758
<b>Project Total:</b>	0	1,196	2,115	611	287	221	162	166	4,758
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	1,196	2,115	611	287	221	162	166	4,758
<b>Appropriations Total*</b>	0	1,196	2,115	611	287	221	162	166	4,758
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Sediment Remediation - WW

**BCL/Program Name:** Habitat and Sediments

**BCL/Program Code:** C350B

**Project Type:** New Investment

**Start Date:** 4th Quarter 2000

**Project ID:** C300412

**End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides wastewater funding for preliminary studies and analysis for cleanup of contaminated sediment sites in which the City is a participant, for actual clean-up of contaminated sites, and for preliminary engineering for future clean-up efforts. 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. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,786	1,392	985	1,085	320	242	201	206	6,217
<b>Project Total:</b>	1,786	1,392	985	1,085	320	242	201	206	6,217
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1,786	1,392	985	1,085	320	242	201	206	6,217
<b>Appropriations Total*</b>	1,786	1,392	985	1,085	320	242	201	206	6,217
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Sewage System Modeling

**BCL/Program Name:** General Wastewater **BCL/Program Code:** C320B  
**Project Type:** New Investment **Start Date:** 3rd Quarter 1998  
**Project ID:** C3AA206 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project facilitates sewer capacity assessment by development of computer models and other methodologies for sewer system evaluation, including data collection.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	726	163	225	103	105	108	110	113	1,653
<b>Project Total:</b>	726	163	225	103	105	108	110	113	1,653
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	726	163	225	103	105	108	110	113	1,653
<b>Appropriations Total*</b>	726	163	225	103	105	108	110	113	1,653
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Sewer Emergency Repairs

**BCL/Program Name:** Sewer Rehabilitation **BCL/Program Code:** C340B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 1998  
**Project ID:** C3AA404 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** In more than one Urban Village

This program makes emergency repairs to sewer lines that collapse, cause surface problems, or otherwise endanger public health or welfare.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,733	294	500	406	548	490	589	604	6,164
<b>Project Total:</b>	2,733	294	500	406	548	490	589	604	6,164
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	2,733	294	500	406	548	490	589	604	6,164
<b>Appropriations Total*</b>	2,733	294	500	406	548	490	589	604	6,164
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Sewer Full Line Replacements

**BCL/Program Name:** Sewer Rehabilitation **BCL/Program Code:** C340B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C300488 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program replaces and repairs sewer lines citywide. Closed circuit television (CCTV) inspections identify defects in sewer mainlines. Each mainline defect is catalogued in the Department's database and assigned a priority number, which designates the urgency of repair under this program. SPU uses a criticality analysis as part of an asset management approach to evaluating life cycle costs, and revises priorities among project selection and rehabilitation methodology.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	35,570	900	416	309	252	254	251	314	38,266
<b>Project Total:</b>	35,570	900	416	309	252	254	251	314	38,266
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	35,570	900	416	309	252	254	251	314	38,266
<b>Appropriations Total*</b>	35,570	900	416	309	252	254	251	314	38,266
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Shared Opportunity Projects - DWF

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2005  
**Project ID:** C405603-DWF **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides funding for a preliminary assessment of emerging demands that may develop during the year, such as shared fund water, drainage and wastewater, and solid waste projects, emergency repairs or actions to comply with enforcement orders by regulatory agencies. Funding is used to develop scopes, budgets and schedules for new projects to be included in subsequent CIP proposals. For projects that cannot wait until the next funding cycle, SPU uses these funds to prepare background documentation to seek City Council approval for project design and construction in the year it wants the project to begin. New projects that are developed from these funds are reviewed and approved by SPU's capital planning committees. The committees review expenditures on a monthly basis and establish priorities among projects. In the 2005-2010 Adopted CIP, the project ID for this project was C4NW106-005-DWF.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	100	0	103	105	108	110	110	636
<b>Project Total:</b>	0	100	0	103	105	108	110	110	636
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	100	0	103	105	108	110	110	636
<b>Appropriations Total*</b>	0	100	0	103	105	108	110	110	636
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## SLU Combined Sewer Overflow - KC

**BCL/Program Name:** Combined Sewer Overflow **BCL/Program Code:** C310B  
**Project Type:** New Facility **Start Date:** 4th Quarter 1996  
**Project ID:** C3AA104 **End Date:** 4th Quarter 2006

**Location:** Denny Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Lake Union

**Urban Village:** South Lake Union

This is a joint City of Seattle/King County project to provide combined sewer overflow control near Denny Way and Lake Union. King County manages the project. Seattle's share of the project costs is 17% of the full project budget, and is reflected below. The construction was completed in 2005 and the project is in the close-out phase of the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	17,031	1,610	400	0	0	0	0	0	19,041
<b>Project Total:</b>	17,031	1,610	400	0	0	0	0	0	19,041
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	17,031	1,610	400	0	0	0	0	0	19,041
<b>Appropriations Total*</b>	17,031	1,610	400	0	0	0	0	0	19,041
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## SLU Combined Sewer Overflow Phase 2

**BCL/Program Name:** Combined Sewer Overflow **BCL/Program Code:** C310B  
**Project Type:** New Facility **Start Date:** 1st Quarter 1995  
**Project ID:** C3AA106 **End Date:** 4th Quarter 2006

**Location:** Valley St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Lake Union

**Urban Village:** South Lake Union

This project connects the City's new Combined Sewer Overflow project (Phase I), a larger transport system along the east side of Lake Union, to King County's projects, which are storage, conveyance, and primary treatment projects (Phases III and IV). The project is in the construction phase with high confidence in the cost estimate, and does not require review by SPU's Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	5,627	260	10	0	0	0	0	0	5,897
<b>Project Total:</b>	5,627	260	10	0	0	0	0	0	5,897
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	5,627	260	10	0	0	0	0	0	5,897
<b>Appropriations Total*</b>	5,627	260	10	0	0	0	0	0	5,897
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## SLU Feasibility Phase 2 - DRN

<b>BCL/Program Name:</b> Other Drainage	<b>BCL/Program Code:</b> C335B
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 2nd Quarter 2005
<b>Project ID:</b> C353521	<b>End Date:</b> 4th Quarter 2006

**Location:** South Lake Union Area

**Neighborhood Plan:** South Lake Union

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Lake Union

**Urban Village:** South Lake Union

This project addresses drainage-related requirements arising from other City-sponsored projects in South Lake Union. The work includes flow modeling, development of green roof specifications, and pipeline relocations. The cost estimate confidence level is medium and does require the SPU Asset Management Committee review. The funding expended for this project is dependent upon the schedule of other SLU projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	185	60	0	0	0	0	0	245
<b>Project Total:</b>	0	185	60	0	0	0	0	0	245
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	185	60	0	0	0	0	0	245
<b>Appropriations Total*</b>	0	185	60	0	0	0	0	0	245
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## SLU Feasibility Phase 2 - WW

**BCL/Program Name:** General Wastewater **BCL/Program Code:** C320B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2005  
**Project ID:** C305221 **End Date:** 4th Quarter 2006

**Location:** South Lake Union Area

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Lake Union

**Urban Village:** South Lake Union

This project addresses wastewater-related requirements arising from other City-sponsored projects in South Lake Union. The work includes flow modeling, development of green roof specifications, and pipeline relocations. The cost estimate confidence level is medium and does require the SPU Asset Management Committee review. The funding expended for this project is dependent upon the schedule of other SLU projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	210	660	0	0	0	0	0	870
<b>Project Total:</b>	0	210	660	0	0	0	0	0	870
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	210	660	0	0	0	0	0	870
<b>Appropriations Total*</b>	0	210	660	0	0	0	0	0	870
<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 in thousands of dollars.

# SPU - Drainage & Wastewater

## Small Landslide Projects

**BCL/Program Name:** Public Asset Protection

**BCL/Program Code:** C334B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C343402

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides for spot improvements in landslide-prone areas throughout Seattle. Typical improvements include installing berms, swales, catch-basins, storm drains, subsurface drains and small slope stability improvement projects. Individual spot improvement projects do not exceed \$150,000. This project does not require the SPU Asset Management Committee review as the spot improvements do not exceed \$250,000. The cost estimates will be revised over time as projects are determined.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	565	385	409	718	630	646	1,656	1,700	6,709
<b>Project Total:</b>	565	385	409	718	630	646	1,656	1,700	6,709
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	565	385	409	718	630	646	1,656	1,700	6,709
<b>Appropriations Total*</b>	565	385	409	718	630	646	1,656	1,700	6,709
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Small Sewer Improvements

**BCL/Program Name:** General Wastewater **BCL/Program Code:** C320B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2003  
**Project ID:** C303299 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides spot improvements and project development support for small-capacity sewer systems throughout Seattle, as well as other small projects related to wastewater. Typical improvements include rerouting of a sewer line or relocation of a maintenance hole. This project does not require the SPU Asset Management Committee review as the spot improvements do not exceed \$250,000. The cost estimates will be revised over time as projects are determined.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	106	170	160	174	179	183	188	193	1,353
<b>Project Total:</b>	106	170	160	174	179	183	188	193	1,353
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	106	170	160	174	179	183	188	193	1,353
<b>Appropriations Total*</b>	106	170	160	174	179	183	188	193	1,353
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Sound Transit Integrated Drainage Plan

<b>BCL/Program Name:</b> Shared Cost Projects	<b>BCL/Program Code:</b> C410B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> C405451	<b>End Date:</b> 4th Quarter 2008

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project funds SPU's work to implement drainage improvements under an agreement with Sound Transit. Sound Transit has agreed in principle to enter into an Integrated Drainage Plan (IDP) agreement with the City of Seattle to provide funds to the City in lieu of constructing storm water treatment facilities for the Link Light Rail project constructed in the city south of the Downtown Seattle Transit Tunnel. The value established for Sound Transit's payment to the City under terms of the IDP is \$2.3 million, including the at-grade segments of light rail within the city south of the Transit Tunnel. Under the terms of the agreement, SPU develops a project to address drainage and water quality within the Martin Luther King/Norfolk drainage basin area. The confidence level of current cost estimate is low as specific work is continuing to be defined. An agreement authorizing all City services related to Sound Transit light rail construction (Sound Transit Construction Services Agreement) was adopted via Ordinance 121312 in July 2003. Sound Transit intends to issue task orders authorizing multiple years of City service for each contract segment. See also Sound Transit projects in the City Light (8204) and Seattle Department of Transportation (TC36631) CIPs. In the 2005-2010 Adopted CIP, the project ID for this project was C3NW035-008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	300	300	1,538	162	0	0	0	2,300
<b>Project Total:</b>	0	300	300	1,538	162	0	0	0	2,300
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	300	300	1,538	162	0	0	0	2,300
<b>Appropriations Total*</b>	0	300	300	1,538	162	0	0	0	2,300
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Sound Transit Light Rail - DWF

**BCL/Program Name:** Shared Cost Projects

**BCL/Program Code:** C410B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2003

**Project ID:** C4104-DWF

**End Date:** 4th Quarter 2009

**Location:** Martin Luther King Jr. Wy. S/S Walden St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** In more than one Urban Village

This program funds SPU's costs related to Sound Transit's planning, design and construction of the Central Link Light Rail system. Sound Transit proposes to construct and operate this electrical light rail transit system, which includes more than 14 miles of alignment. The first phase of Sound Transit's project constructs a light rail segment from the Convention Place Station to South 154th Street near Seattle/Tacoma Airport. The City of Seattle, including SPU, has an ongoing agreement for reimbursement from Sound Transit. See also Sound Transit projects in the City Light (8204) and Seattle Department of Transportation (TC36631) CIPs. In the 2005-2010 Adopted CIP, the project ID was C404401-DWF for this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	490	1,076	498	308	84	3	0	0	2,459
<b>Project Total:</b>	490	1,076	498	308	84	3	0	0	2,459
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	490	1,076	498	308	84	3	0	0	2,459
<b>Appropriations Total*</b>	490	1,076	498	308	84	3	0	0	2,459
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## South Park Soil Project

**BCL/Program Name:** Habitat and Sediments

**BCL/Program Code:** C350B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C305502

**End Date:** 2nd Quarter 2008

**Location:** Dallas Ave South/16th Ave South/South Donovan St

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** South Park

This project provides long-term mitigation of PCB contaminated soil in street right-of-ways in a residential-industrial neighborhood along 17th Avenue South, South Donovan Street and Dallas Avenue South in South Park. To protect public health and the environment, state Ecology and EPA require SPU to meet either a residential (less than one part per million) or industrial cleanup standard (less than 10 parts per million with capping and institutional controls). The project likely involves a combination of excavation, soil disposal and replacement, capping, and installation of drainage infrastructure. An emergency cleanup is already substantially complete but regulators are requiring long term mitigation. This site is across the street from the Superfund Early Action Site Terminal 117. For information on other soil remediation projects, see the Dallas Ave. S Emergency Soil Removal project (C304502).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	768	581	3,949	39	0	0	0	5,337
<b>Project Total:</b>	0	768	581	3,949	39	0	0	0	5,337
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	768	581	3,949	39	0	0	0	5,337
<b>Appropriations Total*</b>	0	768	581	3,949	39	0	0	0	5,337
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## South Park Water Quality Study

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C343304

**End Date:** 4th Quarter 2006

**Location:** South Park Drainage Basin

**Neighborhood Plan:** In more than one Plan

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

A drainage improvement study was completed for the South Park drainage basin in 2002. In light of that study, this project evaluates water quality conditions and develops alternatives for solving water quality problems in the basin. Alternatives include incorporating water quality features into drainage improvement projects proposed in the 2002 study, constructing additional stormwater treatment facilities, and implementing non-structural controls to reduce stormwater pollution. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	21	25	10	0	0	0	0	0	56
<b>Project Total:</b>	21	25	10	0	0	0	0	0	56
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	21	25	10	0	0	0	0	0	56
<b>Appropriations Total*</b>	21	25	10	0	0	0	0	0	56
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2006-2011 Proposed Capital Improvement Program**

# SPU - Drainage & Wastewater

## Spoils Yard & Decant Facility - 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> 3rd Quarter 2004
<b>Project ID:</b> C404603-DWF	<b>End Date:</b> 4th Quarter 2006

**Location:** S Michigan St./E Marginal Wy. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project replaces the temporary spoils yard on Ellis Ave. South with a permanent yard located at the intersection of South Michigan and East Marginal Way South. It is designed and built to allow SPU to handle spoils materials from repair sites, sewer and drainage vactor grits, future hydro-excavated materials and store replacement fill materials for completing repair jobs. The facility is designed to enable SPU to perform these functions environmentally using best management practices. The project may include partners from Seattle Department of Transportation, City Light and Seattle Parks and Recreation Department. This project is in a preliminary phase of development and cost estimates will be revised over time. The identification of a suitable site and the acquisition process has delayed the project. In the 2005-2010 Adopted CIP, the project ID for this project was C4NW106-007-DWF.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	10	113	0	0	0	0	0	123
<b>Project Total:</b>	0	10	113	0	0	0	0	0	123
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	10	113	0	0	0	0	0	123
<b>Appropriations Total*</b>	0	10	113	0	0	0	0	0	123
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Stormwater Mitigation Partnership 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> 1st Quarter 2005
<b>Project ID:</b> C353309	<b>End Date:</b> 4th Quarter 2010

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program implements capital projects that support innovative stormwater management improvements (e.g., Low Impact Development) by partnering with public and/or private entities. All efforts must meet the legal nexus for use of drainage funds and provide sufficient benefit in improving the function and operation of SPU's drainage system. The program has not been through the SPU Asset Management Committee review process. This project supports the Mayor's Restore Our Waters Initiative to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	50	50	50	50	50	50	0	300
<b>Project Total:</b>	0	50	50	50	50	50	50	0	300
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	50	50	50	50	50	50	0	300
<b>Appropriations Total*</b>	0	50	50	50	50	50	50	0	300
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Strategic Asset Management Plan - DRN

**BCL/Program Name:** Other Drainage **BCL/Program Code:** C335B  
**Project Type:** New Investment **Start Date:** 1st Quarter 2004  
**Project ID:** C333507 **End Date:** 4th Quarter 2006

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project develops Strategic Asset Management Plans, which set the strategic framework for SPU. These plans are normally prepared looking forward for a five-year period. Plans are developed by analyzing an asset class and examining its life cycle cost, and provide the basis for development of action plans that are updated annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	52	40	40	0	0	0	0	0	132
<b>Project Total:</b>	52	40	40	0	0	0	0	0	132
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	52	40	40	0	0	0	0	0	132
<b>Appropriations Total*</b>	52	40	40	0	0	0	0	0	132
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Strategic Asset Management Plan - WW

**BCL/Program Name:** General Wastewater **BCL/Program Code:** C320B  
**Project Type:** New Investment **Start Date:** 1st Quarter 2003  
**Project ID:** C303204 **End Date:** 4th Quarter 2006

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project develops Strategic Asset Management Plans, which set the strategic framework for SPU. These plans are normally prepared looking forward for a five-year period. Plans are developed by analyzing an asset class and examining its life cycle cost, and provide the basis for development of action plans that are updated annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	73	100	100	0	0	0	0	0	273
<b>Project Total:</b>	73	100	100	0	0	0	0	0	273
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	73	100	100	0	0	0	0	0	273
<b>Appropriations Total*</b>	73	100	100	0	0	0	0	0	273
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## SW Prescott/Admiral Landslide

**BCL/Program Name:** Public Asset Protection

**BCL/Program Code:** C334B

**Project Type:** New Facility

**Start Date:** 3rd Quarter 2002

**Project ID:** C302353

**End Date:** 4th Quarter 2008

**Location:** SW Admiral Wy./SW Spokane Wy.

**Neighborhood Plan:** Admiral

**Neighborhood Plan Matrix:** NT-12

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

This project mitigates drainage problems and potential landslide conditions in the SW Prescott Place/Admiral Way Landslide Mitigation Study area that may put municipal infrastructure at risk and contribute to flooding of private property. The project is completed in phases. First, it defines and prioritizes stability and flooding problem areas. Currently nine landslide and three flooding areas have been identified in the study area. Next, preliminary engineering, which is expected to last through the 3rd quarter of 2006, identifies cost-effective alternatives for improvements in each area. Finally, the project constructs the selected improvements in stages, beginning in 2004 and ending in 2007. Three of the landslide problem areas in the study area are joint projects with the Seattle Department of Transportation and the Seattle Department of Parks and Recreation. See SDOT project TC36551 for more transportation related information. There is a medium degree of confidence in the cost estimate. SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	541	765	485	623	541	0	0	0	2,955
<b>Project Total:</b>	541	765	485	623	541	0	0	0	2,955
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	541	765	485	623	541	0	0	0	2,955
<b>Appropriations Total*</b>	541	765	485	623	541	0	0	0	2,955
<b>O &amp; M Costs (Savings)</b>			0	0	0	1	1	1	3

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# SPU - Drainage & Wastewater

## Taylor Creek Culverts Phase 2

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 4th Quarter 1999

**Project ID:** C399315

**End Date:** 3rd Quarter 2009

**Location:** Taylor Creek/Rainier Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project designs and constructs fish passage improvements at the culvert that conveys Taylor Creek under Rainier Ave. S. There are currently three different types of culverts connected together making up this culvert system under Rainier Ave. S: a short 42-inch diameter section crossing a 20-foot side street; a three-by-four-foot box culvert running under Rainier Ave. S; and a corrugated metal culvert running under an adjacent apartment. The points where these three culverts connect have 8-10-inch drops impeding fish passage. In addition, the culverts are velocity barriers during most rainstorms. There is a medium degree of confidence in the cost estimate. SPU's Asset Management Committee has approved the construction phase of the project. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	638	80	315	15	5	5	0	0	1,058
<b>Project Total:</b>	638	80	315	15	5	5	0	0	1,058
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	638	80	315	15	5	5	0	0	1,058
<b>Appropriations Total*</b>	638	80	315	15	5	5	0	0	1,058
<b>O &amp; M Costs (Savings)</b>			0	6	6	6	6	6	30

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# SPU - Drainage & Wastewater

## Thornton Creek Water Quality Channel Project

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 4th Quarter 2004

**Project ID:** C343306

**End Date:** 4th Quarter 2008

**Location:** 5th Ave. NE

**Neighborhood Plan:** Northgate

**Neighborhood Plan Matrix:** Multiple

**Neighborhood District:** North

**Urban Village:** Northgate

This project includes preliminary engineering, design and construction of a water quality facility on the south lot of Northgate Mall. The facility is located between 3rd and 5th Ave. NE and between NE 100th and NE 103rd St., and provides water quality treatment for public drainage. The project includes excavation of fill material and creation of a creek-like channel for dry weather and small storm flow from the existing public drainage system under NE 100th St. at 3rd Ave. NE. The project facility also includes improvements to pedestrian access and landscaping. Ordinance 121548 created the project in 2004 and provided \$400,000 for property acquisition and closing costs; Ordinance 121547 appropriated \$6.8 million for project design and construction. SPU's Asset Management Committee has approved the project. The confidence level of the current cost estimate is medium. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	403	6,846	0	0	0	0	0	0	7,249
<b>Project Total:</b>	403	6,846	0	0	0	0	0	0	7,249
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	403	6,846	0	0	0	0	0	0	7,249
<b>Appropriations Total*</b>	403	6,846	0	0	0	0	0	0	7,249
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	71	71	142
<b>Spending Plan</b>		725	1,327	4,057	737	0	0	0	6,846

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

# SPU - Drainage & Wastewater

## Utility Payment 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> 1st Quarter 2006
<b>Project ID:</b> C406611-DWF	<b>End Date:</b> 4th Quarter 2006

**Location:** 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 moves the Utility Payment Center from the current interim location on the 27th floor of the Seattle Municipal Tower to the 5th Avenue lobby of the Seattle City Hall. The Utility Payment Center allows easy access to assistance in paying utility bills, making tax payments, purchasing business licenses and other treasury services provided by the Department of Executive Administration (DEA), currently offered on the 42nd floor of the Seattle Municipal Tower. This project includes a payment kiosk for customers who prefer to make on-line payments. Participating departments sharing the new location will reimburse SPU for project costs. The funding shown below is the Drainage and Wastewater Fund's share of the project's costs. The 2006 total cost for this project across all SPU funds is \$660,000. The Fleets and Facilities Department (FFD) is managing the project (see FFD project A1GM106).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	218	0	0	0	0	0	218
<b>Project Total:</b>	0	0	218	0	0	0	0	0	218
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	218	0	0	0	0	0	218
<b>Appropriations Total*</b>	0	0	218	0	0	0	0	0	218
<b>O &amp; M Costs (Savings)</b>			0	3	3	3	3	3	15

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

# SPU - Drainage & Wastewater

## Venema Creek Natural Drainage System

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2003

**Project ID:** C302317

**End Date:** 4th Quarter 2008

**Location:** 4th Ave. NW/NW 120th St./NW 122nd St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

This project reduces the stormwater runoff and pollutants from an approximately 70-acre sub-basin of Piper's Creek to protect downstream aquatic resources. The primarily residential project area includes Greenwood Ave. N and the project will also potentially provide code requirements for a portion of Greenwood Ave. N. to cover future requirements associated with redevelopment of the street right-of-way. An option will be provided to residents on project streets to invest in sidewalk and landscaping improvements as part of the project through a local improvement district (LID) funding mechanism. Funding to operate and maintain the project is expected to be included in SPU's budget starting in 2009, although surrounding property owners and residents are also expected to provide some level of maintenance. SPU received a \$2.3 million loan from the state Department of Ecology to fund a portion of the project. The confidence level for the current cost estimate is medium. The SPU Asset Management Committee review is required prior to the start of the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	118	250	405	2,300	1,500	0	0	0	4,573
<b>Project Total:</b>	118	250	405	2,300	1,500	0	0	0	4,573
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	118	250	405	2,300	1,500	0	0	0	4,573
<b>Appropriations Total*</b>	118	250	405	2,300	1,500	0	0	0	4,573
<b>O &amp; M Costs (Savings)</b>			0	0	0	5	5	5	15

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

# SPU - Drainage & Wastewater

## Wastewater Plan

**BCL/Program Name:** General Wastewater

**BCL/Program Code:** C320B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C304201

**End Date:** 4th Quarter 2006

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project develops a long-range plan to guide the development of improvements to the wastewater conveyance system for the next five to 20 years, and provides the framework for organizing and prioritizing the wastewater capital improvement program. It provides a decision model for setting priorities and determining the cost-effectiveness of programs and projects from an asset management perspective. The goal is to provide reliable, high quality, cost-effective wastewater services. While no such comprehensive plan has been prepared for wastewater to date, upcoming federal regulations for the Capacity Management, Operation, and Maintenance Program require a similar planning effort. The confidence level of the current cost estimate is medium for this plan. In the 2005-2011 Adopted CIP this project was titled "Comprehensive Wastewater Plan."

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	530	100	0	0	0	0	0	630
<b>Project Total:</b>	0	530	100	0	0	0	0	0	630
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	530	100	0	0	0	0	0	630
<b>Appropriations Total*</b>	0	530	100	0	0	0	0	0	630
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Wastewater Rehabilitation Evaluation

**BCL/Program Name:** Sewer Rehabilitation **BCL/Program Code:** C340B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C3AA401 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program evaluates future wastewater rehabilitation projects by investigating existing records, reports, and plans, obtaining field data from closed circuit television (CCTV) inspection and for gauging, developing alternatives and cost estimates, and making recommendations.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,261	88	200	96	102	108	114	117	2,086
<b>Project Total:</b>	1,261	88	200	96	102	108	114	117	2,086
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1,261	88	200	96	102	108	114	117	2,086
<b>Appropriations Total*</b>	1,261	88	200	96	102	108	114	117	2,086
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Water Reuse - Stormwater

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 4th Quarter 2001

**Project ID:** C353308

**End Date:** 4th Quarter 2006

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project funds SPU's portion of the cost of rain barrels to be sold to the public. The project also helps to educate SPU's customers about options for reducing the amount of stormwater running into the City's drainage system from their properties, such as through downspout disconnection and landscape irrigation alternatives. Other benefits generated by the project include improvements in localized stormwater drainage, wastewater conveyance, and water conservation. Expenditures to date have supported development of large-building project elements such as a cistern for the new Seattle City Hall and the Carkeek Park Environmental Learning Center rainwater system. In the 2005-2010 Adopted CIP, the project was moved to the Protection of Beneficial Uses BCL, given the project's link with improving water quality.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	50	50	0	0	0	0	0	100
<b>Project Total:</b>	0	50	50	0	0	0	0	0	100
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	50	50	0	0	0	0	0	100
<b>Appropriations Total*</b>	0	50	50	0	0	0	0	0	100
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

# SPU - Drainage & Wastewater

## Water Reuse - Wastewater

<b>BCL/Program Name:</b> General Wastewater	<b>BCL/Program Code:</b> C320B
<b>Project Type:</b> New Facility	<b>Start Date:</b> 4th Quarter 2001
<b>Project ID:</b> C301203	<b>End Date:</b> 4th Quarter 2006

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project funds one or more wastewater reuse projects, selected upon completion of an SPU-sponsored water reuse research study. Funds are used for projects in partnership with other entities (including the Seattle Department of Parks and Recreation and King County), or projects funded only by SPU.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	208	20	14	0	0	0	0	0	242
<b>Project Total:</b>	208	20	14	0	0	0	0	0	242
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	208	20	14	0	0	0	0	0	242
<b>Appropriations Total*</b>	208	20	14	0	0	0	0	0	242
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Watershed Base Creek Flow Control

**BCL/Program Name:** Protection of Beneficial Uses

**BCL/Program Code:** C333B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C353310

**End Date:** 4th Quarter 2010

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project conducts preliminary engineering for projects to improve stormwater flow control in targeted creeks where operation of the City's drainage system has resulted in ecosystem degradation. Under this project, SPU identifies flow control techniques (such as natural drainage system elements, by-pass facilities, and detention), evaluates alternatives, and prepares cost-benefit analysis on identified alternatives. A benefit of these preliminary engineering efforts is identification of the most cost-effective capital project options. Additional benefits may include the ability to incorporate multi-objective elements (such as flood control, environment, and economic benefits). The confidence level of the current cost estimate is medium. Proposed projects are subject to approval by SPU's Asset Management Committee. This project supports the Mayor's Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	50	150	425	200	200	200	0	1,225
<b>Project Total:</b>	0	50	150	425	200	200	200	0	1,225
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	50	150	425	200	200	200	0	1,225
<b>Appropriations Total*</b>	0	50	150	425	200	200	200	0	1,225
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

# SPU - Drainage & Wastewater

## West Seattle Bridge Drainage

**BCL/Program Name:** Flood Control and Local Drainage

**BCL/Program Code:** C332B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2006

**Project ID:** C363202

**End Date:** 4th Quarter 2006

**Location:** West Seattle

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The West Seattle Bridge requires frequent maintenance by SPU crews to ensure the drains are clean and functional. Poor drainage on the bridge can lead to ponding and water spilling off the higher road levels to the lower level roadways. This project replaces the older-style drain pipes that have right angles bends which plug easily and are difficult to clean. The new style drains will avoid sharp corners and this will have easier maintenance and fewer plugs. The project also addresses any needed repairs in the existing underground connections from bridge drainage to the storm drains. The project may include new inlets on the ground level roadway. Work is focused on the west end of the bridge. The intended changes will likely result in reduced drainage operation and maintenance costs. This planning phase cost estimate has a low confidence level because initial investigations are underway.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	400	0	0	0	0	0	400
<b>Project Total:</b>	0	0	400	0	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	400	0	0	0	0	0	400
<b>Appropriations Total*</b>	0	0	400	0	0	0	0	0	400
<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 in thousands of dollars.*

# SPU - Drainage & Wastewater

## Windermere CSO Storage

**BCL/Program Name:** Combined Sewer Overflow

**BCL/Program Code:** C310B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2003

**Project ID:** C302103

**End Date:** 4th Quarter 2011

**Location:** Windemere

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project constructs facilities for Combined Sewer Overflow (CSO) reduction in the Windermere area. Major work includes a feasibility study for assessing potential coordination with King County, flow monitoring, system modeling, facility planning, preliminary engineering, design, permitting, and construction. The project schedule has been revised from the 2001 CSO Plan to account for project development; SPU's CSO Facility Retrofit project (C302102), which may reduce the size of the necessary facilities in this basin; and potential coordination with King County. This project is in a preliminary phase of development and cost estimates will be revised over time as the scope of the plan is clarified. This project has been approved by SPU's Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	448	249	325	395	521	434	552	272	3,196
<b>Project Total:</b>	448	249	325	395	521	434	552	272	3,196
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	448	249	325	395	521	434	552	272	3,196
<b>Appropriations Total*</b>	448	249	325	395	521	434	552	272	3,196
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Drainage & Wastewater

## Works Progress Administration Drains Study & Repair

<b>BCL/Program Name:</b> Public Asset Protection	<b>BCL/Program Code:</b> C334B
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 3rd Quarter 2000
<b>Project ID:</b> C300338	<b>End Date:</b> Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program evaluates, prioritizes and makes necessary repairs on subsurface landslide control drains and tunnels installed as a result of extensive landslide damage during the winter of 1933-1934. The Works Progress Administration sponsored the construction of landslide mitigation projects at 29 sites around the city between 1935-1941. This project was one of the recommended activities from the Landslide Policy Paper adopted by the City Council in 1998. This project is in a preliminary phase of development and cost estimates will be revised over time as comprehensive site-specific evaluations are completed. SPU's Asset Management Committee has approved the programmatic approach.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	511	250	250	256	263	485	552	566	3,133
<b>Project Total:</b>	511	250	250	256	263	485	552	566	3,133
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	511	250	250	256	263	485	552	566	3,133
<b>Appropriations Total*</b>	511	250	250	256	263	485	552	566	3,133
<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 in thousands of dollars.*

**SPU -  
SOLID WASTE**



# Seattle Public Utilities – 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. The City-owned infrastructure used to accomplish this task consists of 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, 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 at 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 125th Street North, 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, paints, 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. Seattle Public Utilities maintains a list of materials that are still useable and makes these items available to anyone who wants them.

The 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

- ◆ **Facilities Master Plan Implementation:** This project implements the Solid Waste CIP Facilities Master Plan. The plan, which guides the construction of facilities that provide the citizens of Seattle with sufficient recycling and solid waste services for the next 30 years, sets objectives and defines options for replacing or rehabilitating the City's solid waste transfer stations and household hazardous waste sheds; constructs a regional, intermodal facility; conducts cost and feasibility analyses of facility options; and determines a preferred approach to implementation. The scope, schedule, and costs of proposed projects are further defined following preliminary engineering and completion of a State Supplemental Environmental Impact Statement (SEIS). Costs include completion of the SEIS, permitting, property acquisition, design, construction, and purchase of facility equipment.
- ◆ **Midway Landfill Post-Closure Improvements:** This project funds post-closure operations, maintenance, and capital improvements at the Midway Landfill, which SPU operated from 1966 to 1983. The landfill is a 50-acre former gravel quarry located adjacent to Interstate 5 in Kent, Washington. The Washington State Department of Transportation (WSDOT) is widening Interstate 5 by two lanes on the west side. This state project affects SPU's post-closure infrastructure currently in place on the WSDOT right-of-way, and necessitates the removal of refuse buried in the right-of-way. SPU and WSDOT are working together on this project, which enters the construction phase in 2007 if WSDOT obtains funding.

# Seattle Public Utilities – Solid Waste

## Project Selection Process

SPU has adopted an Asset Management approach for selecting which projects to build. This is a triple bottom line approach in which projects are evaluated on their economic, social and environmental benefits and their ability to meet customer service levels. The approach provides an elaborate analytical and modeling framework to find the most economic balance between capital investments and operation and maintenance expenditures so as to minimize life cycle costs of any facility.

A committee of senior SPU executives, the Asset Management Committee (AMC), reviews each project valued at \$250,000 or more and assures that only projects that meet the benefit criteria move forward. Several projects have been dropped, as their costs were higher than their benefits. Several cost-effective master planning efforts were approved to create up-to-date improvement and upgrade plans for various groups of assets. Other projects have been expanded or expedited because their benefits exceeded their costs.

## Program Category Summaries

The Solid Waste CIP appropriates \$12.8 million in 2006 (including Technology projects funded by the Solid Waste Fund, displayed in a separate section of this CIP). It is comprised of four program categories as summarized below.

**New Facilities:** This program plans, designs, and constructs new facilities to enhance solid waste operations. In 2006, SPU begins to implement its Solid Waste Facilities Master Plan.

**Rehabilitation and Heavy Equipment:** This program designs and constructs projects to repair and/or upgrade solid waste facilities and replaces aged heavy equipment.

**Shared Cost Projects:** This program includes capital improvement projects that receive funding from multiple SPU funds. In 2006 the program includes funding for facility improvements, the SPU Operations Control Center Upgrade, and a Utility Payment Center.

**Technology:** This program makes use of recent technology advances to increase efficiency and productivity. Solid Waste-supported technology projects are shown grouped with other technology projects in the SPU Technology CIP section.

## Anticipated Operating Expenses Associated with Capital Facilities Projects

For most projects in the Solid Waste CIP, there are minimal new 2006 operations and maintenance costs, or these costs have not been calculated (N/C). In these cases, the cost impacts of the projects are either insignificant or offset by cost savings realized by other projects.

# SPU - Solid Waste

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>New Facilities</b>										<b>BCL/Program Code:</b> C230B
Design Commission Fees - SW	C201004	0	20	25	20	20	20	20	20	<b>145</b>
Facilities Master Plan Implementation	C204002	488	4,817	8,011	7,630	40,740	39,200	35,000	6,250	<b>142,136</b>
Miscellaneous Station Improvements	C203005	158	100	500	103	105	0	0	0	<b>966</b>
New Facilities Development	C205308	0	25	25	26	26	27	28	29	<b>186</b>
<b>Total for BCL New Facilities</b>		<b>646</b>	<b>4,962</b>	<b>8,561</b>	<b>7,779</b>	<b>40,891</b>	<b>39,247</b>	<b>35,048</b>	<b>6,299</b>	<b>143,433</b>
<b>Rehabilitation and Heavy Equipment</b>										<b>BCL/Program Code:</b> C240B
Heavy Equipment Purchases - SWF	C201002	2,180	850	1,100	1,120	1,160	1,200	1,240	1,280	<b>10,130</b>
Historic Landfill Improvements	C206601	0	0	100	0	0	0	0	0	<b>100</b>
Household Hazard Waste Code Improvements	C205403	0	200	50	0	0	0	0	0	<b>250</b>
Kent Highlands 228th Roadway	C204003	63	100	200	10	0	0	0	0	<b>373</b>
Kent Highlands Agency Negotiations	C205406	0	50	50	50	50	50	50	50	<b>350</b>
Kent Highlands Flare Improvement	C205404	0	100	100	200	50	0	0	0	<b>450</b>
Midway Agency Negotiations	C205407	0	50	50	50	50	50	50	50	<b>350</b>
Midway Landfill Improvements	C203004	15	610	200	100	4,000	0	0	0	<b>4,925</b>
Rehab & Heavy Equipment Development	C205411	0	50	20	51	53	54	55	57	<b>340</b>
Solid Waste Security Improvements	C205402	0	150	100	0	0	0	0	0	<b>250</b>
Street Side Litter Containers	C205408	0	94	0	0	65	0	0	68	<b>227</b>
<b>Total for BCL Rehabilitation and Heavy Equipment</b>		<b>2,258</b>	<b>2,254</b>	<b>1,970</b>	<b>1,581</b>	<b>5,428</b>	<b>1,354</b>	<b>1,395</b>	<b>1,505</b>	<b>17,745</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Solid Waste

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Shared Cost Projects</b>						<b>BCL/Program Code:</b>				C410B
Facility Improvements - SWF	C404602-SWF	341	954	287	0	0	0	0	0	<b>1,582</b>
Fleet Management Study	C405601-SWF	0	48	0	0	0	0	0	0	<b>48</b>
Main Warehouse Improvements - SWF	C406601-SWF	0	0	36	0	0	0	0	0	<b>36</b>
Operational Facilities Plan	C406622-SWF	0	0	135	0	0	0	0	0	<b>135</b>
Operations Control Center Upgrade - SWF	C404501-SWF	46	315	361	35	0	0	0	0	<b>757</b>
Shared Opportunity Projects - SWF	C405603-SWF	0	100	0	103	105	108	110	110	<b>636</b>
Utility Payment Center - SWF	C406611-SWF	0	0	218	0	0	0	0	0	<b>218</b>
<b>Total for BCL Shared Cost Projects</b>		<b>387</b>	<b>1,417</b>	<b>1,037</b>	<b>138</b>	<b>105</b>	<b>108</b>	<b>110</b>	<b>110</b>	<b>3,412</b>
<b>Department Total</b>		<b>3,291</b>	<b>8,633</b>	<b>11,568</b>	<b>9,498</b>	<b>46,424</b>	<b>40,709</b>	<b>36,553</b>	<b>7,914</b>	<b>164,590</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

## SPU - Solid Waste

### Fund Summary

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
SPU Solid Waste Fund	3,291	8,973	11,568	9,498	46,424	40,709	36,553	7,914	<b>164,930</b>
<b>Department Total</b>	<b>3,291</b>	<b>8,973</b>	<b>11,568</b>	<b>9,498</b>	<b>46,424</b>	<b>40,709</b>	<b>36,553</b>	<b>7,914</b>	<b>164,930</b>

*Note: Additional allocations for the SPU Solid Waste Fund are shown in the SPU - Technology section of this document.*

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

# SPU - Solid Waste

## Design Commission Fees - SW

**BCL/Program Name:** New Facilities **BCL/Program Code:** C230B  
**Project Type:** Improved Facility **Start Date:** Ongoing  
**Project ID:** C201004 **End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project funds the City Design Commission's review of the environmental and design aspects of capital improvement projects funded by the Solid Waste Fund. Projects reviewed by the Design Commission include those which have a visual impact on the public realm, including buildings, fencing, gates, and landscaping. The allocations shown below are estimates and are expected to be revised over time. This project serves as a central location for fee estimates and once specific projects are reviewed and costs are incurred, the fees are allocated to the appropriate projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	20	25	20	20	20	20	20	145
<b>Project Total:</b>	0	20	25	20	20	20	20	20	145
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	20	25	20	20	20	20	20	145
<b>Appropriations Total*</b>	0	20	25	20	20	20	20	20	145
<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 in thousands of dollars.*

# SPU - Solid Waste

## Facilities Master Plan Implementation

**BCL/Program Name:** New Facilities **BCL/Program Code:** C230B  
**Project Type:** New Facility **Start Date:** 1st Quarter 2004  
**Project ID:** C204002 **End Date:** 4th Quarter 2011

**Location:** Multiple locations

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one Neighborhood District **Urban Village:** In more than one Urban Village

This project implements the Solid Waste CIP Facilities Master Plan (C201006). The scope, schedule, and costs of proposed projects are further defined following preliminary engineering and completion of a State Supplemental Environmental Impact Statement (SEIS). Costs below include completion of the SEIS, permitting, property acquisition, design, construction, and facility equipment. The confidence level in the cost estimate is medium as the project is currently defined. SPU's Asset Management Committee has approved the current phase of this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	488	4,817	8,011	7,630	40,740	39,200	35,000	6,250	142,136
<b>Project Total:</b>	488	4,817	8,011	7,630	40,740	39,200	35,000	6,250	142,136
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	488	4,817	8,011	7,630	40,740	39,200	35,000	6,250	142,136
<b>Appropriations Total*</b>	488	4,817	8,011	7,630	40,740	39,200	35,000	6,250	142,136
<b>O &amp; M Costs (Savings)</b>			0	0	(600)	600	700	700	1,400

## Facility Improvements - SWF

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2003  
**Project ID:** C404602-SWF **End Date:** 4th Quarter 2006

**Location:** 700 5th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Downtown **Urban Village:** Commercial Core

This project funds logistical support services for SPU, including tenant improvements, office buildouts, and furniture. The funding shown below is the Solid Waste Fund's share of the project's cost. The 2006 total cost for this project across all SPU funds is approximately \$2.8 million.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	341	954	287	0	0	0	0	0	1,582
<b>Project Total:</b>	341	954	287	0	0	0	0	0	1,582
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	341	954	287	0	0	0	0	0	1,582
<b>Appropriations Total*</b>	341	954	287	0	0	0	0	0	1,582
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

# SPU - Solid Waste

## Fleet Management Study

**BCL/Program Name:** Shared Cost Projects  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** C405601-SWF

**BCL/Program Code:** C410B  
**Start Date:** 1st Quarter 2005  
**End Date:** 4th Quarter 2005

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project applies asset management principles to the management of SPU's fleet of heavy equipment. A study conducted by a consultant is complete and the recommendations related to fleet utilization, including which kinds of equipment SPU should be using and how the Department's work practices might be changed either to use existing equipment better or to use different equipment has been presented to the SPU Asset Management Committee. The project supports other work being done by SPU to assess its current system of fleet management, develop performance measures and tracking systems, and modify department processes and practices related to fleet management. It is expected that the implementation of the recommendations identified through this study will lead to lower life cycle costs for fleet management.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	48	0	0	0	0	0	0	48
<b>Project Total:</b>	0	48	0	0	0	0	0	0	48
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	48	0	0	0	0	0	0	48
<b>Appropriations Total*</b>	0	48	0	0	0	0	0	0	48
<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 in thousands of dollars.*



# SPU - Solid Waste

## Household Hazard Waste Code Improvements

**BCL/Program Name:** Rehabilitation and Heavy Equipment      **BCL/Program Code:** C240B  
**Project Type:** Improved Facility      **Start Date:** 1st Quarter 2005  
**Project ID:** C205403      **End Date:** 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project funds anticipated upgrades to the City's solid waste facilities required by new state regulations on facilities that handle moderate risk waste. The state Department of Ecology has given the Seattle-King County Health Department the local authority to implement these regulations. SPU works with King County Solid Waste staff and the Health Department to identify necessary improvements to the City's facilities. The confidence in the cost estimate is medium. The SPU Asset Management Committee review is conducted prior to the start of the project. In the 2005-2010 Adopted CIP, the project ID for this project was C2NW402-002.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	200	50	0	0	0	0	0	250
<b>Project Total:</b>	0	200	50	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	200	50	0	0	0	0	0	250
<b>Appropriations Total*</b>	0	200	50	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

# SPU - Solid Waste

## Kent Highlands 228th Roadway

**BCL/Program Name:** Rehabilitation and Heavy Equipment

**BCL/Program Code:** C240B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C204003

**End Date:** 4th Quarter 2007

**Location:** 228th St. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project funds the required design work associated with an agreement between the City of Seattle and the City of Kent to relocate the existing Kent Highlands Landfill leachate force main. SPU has agreed in principle to complete the design at SPU's expense and the City of Kent funds the construction. This relocation is necessitated by Kent's 228th Street road construction project. Additional future project elements include evaluation of the capacity of the existing pump station and possible rehabilitation or replacement of the aging structure, and the abandonment of three existing gas extraction wells on property being transferred to the City of Kent. The project was created in 2004 by Ordinance 121462. The confidence in the cost estimate is medium. The project to replace the leachate pump station has been approved by SPU's Asset Management Committee. In the 2005-2010 Adopted CIP, the project ID for this project was C2NW402-003.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	63	100	200	10	0	0	0	0	373
<b>Project Total:</b>	63	100	200	10	0	0	0	0	373
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	63	100	200	10	0	0	0	0	373
<b>Appropriations Total*</b>	63	100	200	10	0	0	0	0	373
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Solid Waste

## Kent Highlands Agency Negotiations

**BCL/Program Name:** Rehabilitation and Heavy Equipment

**BCL/Program Code:** C240B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C205406

**End Date:** 4th Quarter 2011

**Location:** 23076 Military Rd. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project funds required environmental and feasibility studies to evaluate the effectiveness of the closure of the Kent Highlands Landfill. These efforts and regulatory agency negotiations are required under an existing Consent Order with the Washington State Department of Ecology. The outcome of these efforts may lead to validation that the current environmental controls are sufficient, or the need for additional remedial actions. If these efforts are successful, the result is avoided unnecessary capital expenditures and new operations and maintenance expenses. The confidence in the cost estimate is medium. SPU's Asset Management Committee has approved the project concept, although additional briefings may occur. In the 2005-2010 Adopted CIP, the project ID for this project was C2NW402-011.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	50	50	50	50	50	50	50	350
<b>Project Total:</b>	0	50	50	50	50	50	50	50	350
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	50	50	50	50	50	50	50	350
<b>Appropriations Total*</b>	0	50	50	50	50	50	50	50	350
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Solid Waste

## Kent Highlands Flare Improvement

**BCL/Program Name:** Rehabilitation and Heavy Equipment

**BCL/Program Code:** C240B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C205404

**End Date:** 4th Quarter 2008

**Location:** 23076 Military Rd. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project funds the required design and construction work associated with the continued operation of the gas flare facility at the Kent Highlands landfill. As gas flows decrease naturally over time, modifications are necessary to continue operating the flare facility. The original equipment was sized for the gas flows in 1993 and SPU is approaching the limits of system components for decreased flows. Anticipated work elements over time include blower replacement, connection to natural gas for supplemental fuel, and flare replacement. These improvements began sequentially in 2005. The confidence in the cost estimate is medium. SPU's Asset Management Committee has not approved the project. In the 2005-2010 Adopted CIP, the project ID for this project was C2NW402-004.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	100	100	200	50	0	0	0	450
<b>Project Total:</b>	0	100	100	200	50	0	0	0	450
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	100	100	200	50	0	0	0	450
<b>Appropriations Total*</b>	0	100	100	200	50	0	0	0	450
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Solid Waste

## Main Warehouse Improvements - SWF

**BCL/Program Name:** Shared Cost Projects

**BCL/Program Code:** C410B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2006

**Project ID:** C406601-SWF

**End Date:** 4th Quarter 2006

**Location:** 2700 Airport/Way/S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project evaluates, plans, designs and constructs building systems, such as a sprinkler system for fire suppression, and maintenance improvements such as lighting, heating, ventilation and air conditioning, and roof replacement for the main warehouse facility at the Operations Control Center. The funding shown for this project reflect an estimated cost to perform required code improvements and evaluate the overall building needs. The SPU Asset Management Committee approved this project in 2005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	0	36	0	0	0	0	0	36
<b>Project Total:</b>	0	0	36	0	0	0	0	0	36
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	0	36	0	0	0	0	0	36
<b>Appropriations Total*</b>	0	0	36	0	0	0	0	0	36
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2006-2011 Proposed Capital Improvement Program**

# SPU - Solid Waste

## Midway Agency Negotiations

**BCL/Program Name:** Rehabilitation and Heavy Equipment

**BCL/Program Code:** C240B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C205407

**End Date:** 4th Quarter 2011

**Location:** 24808 Pacific Hwy. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project funds required environmental and feasibility studies to evaluate the effectiveness of the closure of the Midway Landfill. These efforts and regulatory agency negotiations are required under an existing Consent Order with the Washington State Department of Ecology. The outcome of these efforts may lead to validation that the current environmental controls are sufficient or identify the need for additional remedial actions. If these efforts are successful the result is avoiding unnecessary capital expenditures and new operations and maintenance expenses. The confidence in the cost estimate is medium. SPU's Asset Management Committee has approved the project concept, although additional Committee briefings may occur. In the 2005-2010 Adopted CIP, the project ID for this project was C2NW402-012.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	50	50	50	50	50	50	50	350
<b>Project Total:</b>	0	50	50	50	50	50	50	50	350
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	50	50	50	50	50	50	50	350
<b>Appropriations Total*</b>	0	50	50	50	50	50	50	50	350
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Solid Waste

## Midway Landfill Improvements

<b>BCL/Program Name:</b> Rehabilitation and Heavy Equipment	<b>BCL/Program Code:</b> C240B
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 1st Quarter 2003
<b>Project ID:</b> C203004	<b>End Date:</b> 4th Quarter 2008

**Location:** 24808 Pacific Hwy. 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 post-closure operations, maintenance, and capital improvements at the Midway Landfill, a 50-acre former gravel quarry located in Kent, Washington and operated by SPU from 1966 to 1983. The Washington State Department of Transportation (WSDOT) is undertaking a \$700 million project to widen Interstate 5 by two lanes on the west side. This state project impacts landfill post-closure infrastructure that is currently in place on the WSDOT right-of-way, and also requires SPU to remove refuse buried in the right-of-way. Project costs below are estimated, and may change depending on negotiations underway between SPU and WSDOT. SPU and WSDOT are working together on this project, which enters the construction phase in 2007, if WSDOT obtains funding for its highway project. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	15	610	200	100	4,000	0	0	0	4,925
<b>Project Total:</b>	15	610	200	100	4,000	0	0	0	4,925
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	15	610	200	100	4,000	0	0	0	4,925
<b>Appropriations Total*</b>	15	610	200	100	4,000	0	0	0	4,925
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# 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> 4th Quarter 2003
<b>Project ID:</b> C203005	<b>End Date:</b> 4th Quarter 2008

**Location:** 1350 N 34th 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 funds short-term actions to ensure that the City's existing Recycling & Disposal Stations continue to function reliably, pending implementation of the Solid Waste Facilities Master Plan (C204002). The work includes emergency electrical service relocation to maintain safe and reliable power, fuel system control reconfiguration, development of a misting system at the South Recycling & Disposal Station, water line and hydrant replacement, South Household Hazardous Waste entry relocation and other facility improvements necessary to keep the stations operational and safe. The project also includes installation of electric trucking gates, an important security element, as SPU does more trucking in off-peak hour periods. Other work is anticipated through 2008. The confidence in the cost estimate is medium. Specific improvements for 2006 are pending review by SPU's Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	158	100	500	103	105	0	0	0	966
<b>Project Total:</b>	158	100	500	103	105	0	0	0	966
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	158	100	500	103	105	0	0	0	966
<b>Appropriations Total*</b>	158	100	500	103	105	0	0	0	966
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Solid Waste

## New Facilities Development

**BCL/Program Name:** New Facilities

**BCL/Program Code:** C230B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C205308

**End Date:** 4th Quarter 2011

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project supports the development of Solid Waste New Facilities improvements through the preparation of Project Development Plans. Project proposals, including supporting cost-benefit analyses, are reviewed and approved by SPU's Capital Planning Committee. Staff then develops a Project Development Plan for approval by SPU's Asset Management Committee. Documentation is prepared and budget implications are identified. The confidence in the cost estimate is medium. SPU's Asset Management Committee has approved the project concept, although additional briefings may occur. In the 2005-2010 Adopted CIP, the project ID for this project was C2NW301-001.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	25	25	26	26	27	28	29	186
<b>Project Total:</b>	0	25	25	26	26	27	28	29	186
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	25	25	26	26	27	28	29	186
<b>Appropriations Total*</b>	0	25	25	26	26	27	28	29	186
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Solid Waste

## Operational Facilities Plan

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2006  
**Project ID:** C406622-SWF **End Date:** 4th Quarter 2006

**Location:**

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project provides an inventory of existing facilities and their condition and identifies department functions, and adjacency, facility and space requirements. The information is used to develop a plan for the use of existing facilities, required upgrades, identification of gaps and recommended options for addressing those gaps. The 2006 total cost for this project across all the SPU funds is \$759,000.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	0	135	0	0	0	0	0	135
<b>Project Total:</b>	0	0	135	0	0	0	0	0	135
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	0	135	0	0	0	0	0	135
<b>Appropriations Total*</b>	0	0	135	0	0	0	0	0	135
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Operations Control Center Upgrade - SWF

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2003  
**Project ID:** C404501-SWF **End Date:** 4th Quarter 2007

**Location:** 2700 Airport Wy. S

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Greater Duwamish **Urban Village:** Not in an Urban Village

This project remodels and upgrades SPU's Operations Control Center building. The project includes reconfiguring internal space to improve security and incorporate the new Supervisory Control And Data Acquisition (SCADA) system. The upgraded center accommodates SPU's new Strategic Operations Division, as well as Field Operations administration and electrical, mechanical, maintenance and emergency response crews.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	46	315	361	35	0	0	0	0	757
<b>Project Total:</b>	46	315	361	35	0	0	0	0	757
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	46	315	361	35	0	0	0	0	757
<b>Appropriations Total*</b>	46	315	361	35	0	0	0	0	757
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Solid Waste

## Rehab & Heavy Equipment Development

**BCL/Program Name:** Rehabilitation and Heavy Equipment

**BCL/Program Code:** C240B

**Project Type:** New Investment

**Start Date:** 1st Quarter 2005

**Project ID:** C205411

**End Date:** 4th Quarter 2011

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project supports development of rehabilitation and heavy equipment improvements identified through project development plans. Project proposals, including cost-benefit analyses, are reviewed and approved by SPU's Capital Planning Committee. Staff then develops a Project Development Plan for approval by SPU's Asset Management Committee. Extensive documentation and budget implications are included. The confidence in the cost estimate is medium. SPU's Asset Management Committee has approved the project concept, although additional briefings may occur. In the 2005-2010 Adopted CIP, the project ID for this project was C2NW402-013.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	50	20	51	53	54	55	57	340
<b>Project Total:</b>	0	50	20	51	53	54	55	57	340
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	50	20	51	53	54	55	57	340
<b>Appropriations Total*</b>	0	50	20	51	53	54	55	57	340
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Solid Waste

## Shared Opportunity Projects - SWF

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2005  
**Project ID:** C405603-SWF **End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides funding for a preliminary assessment of emerging demands that may develop during the year, such as shared fund water, drainage and wastewater, and solid waste projects, emergency repairs or actions to comply with enforcement orders by regulatory agencies. Funding is used to develop scopes, budgets and schedules for new projects to be included in subsequent CIP proposals. For projects that cannot wait until the next funding cycle, SPU uses these funds to prepare background documentation to seek City Council approval for project design and construction in the year it wants the project to begin. New projects that are developed from these funds are reviewed and approved by SPU's capital planning committees. The committees review expenditures on a monthly basis and establish priorities among projects. In the 2005-2010 Adopted CIP, the project ID for this project was C4NW106-005-SWF.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	100	0	103	105	108	110	110	636
<b>Project Total:</b>	0	100	0	103	105	108	110	110	636
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	100	0	103	105	108	110	110	636
<b>Appropriations Total*</b>	0	100	0	103	105	108	110	110	636
<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 in thousands of dollars.*

# SPU - Solid Waste

## Solid Waste Security Improvements

**BCL/Program Name:** Rehabilitation and Heavy Equipment

**BCL/Program Code:** C240B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2005

**Project ID:** C205402

**End Date:** 4th Quarter 2006

**Location:** 8100 2nd Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project funds selected security enhancements recommended in the Solid Waste Vulnerability Assessment. Given the status of work on the Facilities Master Plan Implementation project (C204002), SPU does not anticipate implementing all of the recommended improvements (totaling \$1.8 million) at all of the facilities. Several of the recommendations are either critical, or have a relatively high return on investment and SPU plans to implement those recommendations in the next several years. Specific likely projects include improvements to the scale houses to reduce threats to employee safety from robbery, and repairs and modifications to the perimeter fencing at the transfer stations. Other possible improvements are additional security measures at the landfills and other satellite facilities not included in the Facilities Master Plan. The confidence in the cost estimate is low. In the 2005-2010 Adopted CIP, the project ID for this project was C2NW402-001.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	150	100	0	0	0	0	0	250
<b>Project Total:</b>	0	150	100	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	150	100	0	0	0	0	0	250
<b>Appropriations Total*</b>	0	150	100	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Solid Waste

## Street Side Litter Containers

**BCL/Program Name:** Rehabilitation and Heavy Equipment      **BCL/Program Code:** C240B  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** C205408      **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project funds the replacement of street side litter containers and container lids. These containers are sited throughout the city, often in Business Improvement Areas, for use by pedestrian traffic. Essential to litter abatement, the containers are owned by SPU and serviced by contracted waste haulers between one and seven days per week to meet anticipated pedestrian demand. Currently, SPU has approximately 880 street side litter containers. Under this project, 20% of the entire container inventory and 10% of all lids were replaced in 2005. In addition, 12.5% of the containers and 10% of the lids are replaced on either two- or three-year cycles beginning in 2008, depending on the durability of the lids, in order to change out old container styles and replace missing or broken lids. The confidence in the cost estimate is high. The project has been approved by SPU's Asset Management Committee as part of the City's effort to recycle 60% of its waste stream. In the 2005-2010 Adopted CIP, the project ID for this project was C2NW402-008.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	94	0	0	65	0	0	68	227
<b>Project Total:</b>	0	94	0	0	65	0	0	68	227
<b>Fund Appropriations/Allocations</b>									
SPU Solid Waste Fund	0	94	0	0	65	0	0	68	227
<b>Appropriations Total*</b>	0	94	0	0	65	0	0	68	227
<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 in thousands of dollars.*



**SPU -  
TECHNOLOGY  
PROJECTS**



# SPU - Technology Projects

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Technology</b>										<b>C510B</b>
Asset Management - Technology	C5201	4,869	705	1,305	1,429	1,286	475	350	116	<b>10,535</b>
Capital Planning & Development - Technology	C5205	0	0	0	206	2,365	2,857	3,824	6,469	<b>15,721</b>
Corporate Management - Technology	C5202	1,977	3,696	1,414	1,345	476	367	1,729	504	<b>11,508</b>
Customer Management - Technology	C5203	6,729	1,531	2,159	618	530	2,913	523	463	<b>15,466</b>
Operations Management - Technology	C5204	1,250	1,150	1,055	697	223	503	574	348	<b>5,800</b>
Project Management - Technology	C5206	4,626	1,149	1,209	2,566	1,415	1,210	1,182	0	<b>13,357</b>
Technology Infrastructure	C5207	6,936	1,529	1,790	1,292	1,785	0	395	927	<b>14,654</b>
<b>Total for BCL Technology</b>		<b>26,387</b>	<b>9,760</b>	<b>8,932</b>	<b>8,153</b>	<b>8,080</b>	<b>8,325</b>	<b>8,577</b>	<b>8,827</b>	<b>87,041</b>
<b>Department Total</b>		<b>26,387</b>	<b>9,760</b>	<b>8,932</b>	<b>8,153</b>	<b>8,080</b>	<b>8,325</b>	<b>8,577</b>	<b>8,827</b>	<b>87,041</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Technology Projects

## Fund Summary

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
SPU Drainage and Wastewater Fund	8,027	3,698	3,545	2,478	2,679	2,761	2,845	2,890	<b>28,923</b>
SPU Solid Waste Fund	5,337	1,910	1,193	1,180	1,219	1,256	1,293	1,282	<b>14,670</b>
SPU Water Fund	13,023	4,152	4,194	4,495	4,182	4,308	4,439	4,655	<b>43,448</b>
<b>Department Total</b>	<b>26,387</b>	<b>9,760</b>	<b>8,932</b>	<b>8,153</b>	<b>8,080</b>	<b>8,325</b>	<b>8,577</b>	<b>8,827</b>	<b>87,041</b>

*Note: Additional allocations for the SPU Drainage and Wastewater Fund are shown in the SPU - Technology section of this document.*

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

# SPU - Technology Projects

## Asset Management - Technology

<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> C5201	<b>End Date:</b> Ongoing

**Location:** 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 technology improvements to provide information about SPU’s assets and performance, to help provide optimum service levels to customers at the lowest cost. Subprojects include development of a database of real property records, a science data management system, some smaller utility geographic information system (GIS) applications, and a data warehouse for utility asset management. Past accomplishments include the development of the Asset Information Management System (AIMS) warehouse and intranet portal, synchronization and integration of the data of the drainage and wastewater infrastructure GIS with the Hansen work management system and development of a Science Information Catalog. The 2006 workplan includes the implementation of a new Asset Costing System, addition of a data warehouse component to the Science Information Management System, an update of the utility infrastructure applications, and the completion of a multi-year Real Property Records Automation project to organize and digitally index information on SPU’s property holdings.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,967	353	585	594	505	224	152	0	4,380
Solid Waste Rates	127	8	26	72	44	27	5	0	309
Water Rates	2,775	344	694	763	737	224	193	116	5,846
<b>Project Total:</b>	4,869	705	1,305	1,429	1,286	475	350	116	10,535
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1,967	353	585	594	505	224	152	0	4,380
SPU Solid Waste Fund	127	8	26	72	44	27	5	0	309
SPU Water Fund	2,775	344	694	763	737	224	193	116	5,846
<b>Appropriations Total*</b>	4,869	705	1,305	1,429	1,286	475	350	116	10,535
<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 in thousands of dollars.*

# SPU - Technology Projects

## Capital Planning & Development - Technology

**BCL/Program Name:** Technology **BCL/Program Code:** C510B  
**Project Type:** New Investment **Start Date:** Ongoing  
**Project ID:** C5205 **End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project sets aside funds for currently unanticipated technology investments in 2007-2010, in recognition that technologies and technology demands continue to evolve and have a shorter life cycle than do public works investments. Funds are spent only after development of specific projects in the 2007-2008 biennial budget cycle.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	103	1,036	1,067	1,379	2,013	5,598
Solid Waste Rates	0	0	0	103	404	179	383	957	2,026
Water Rates	0	0	0	0	925	1,611	2,062	3,499	8,097
<b>Project Total:</b>	0	0	0	206	2,365	2,857	3,824	6,469	15,721
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	0	0	0	103	1,036	1,067	1,379	2,013	5,598
SPU Solid Waste Fund	0	0	0	103	404	179	383	957	2,026
SPU Water Fund	0	0	0	0	925	1,611	2,062	3,499	8,097
<b>Appropriations Total*</b>	0	0	0	206	2,365	2,857	3,824	6,469	15,721
<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 in thousands of dollars.*

# SPU - Technology Projects

## Corporate Management - Technology

<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> C5202	<b>End Date:</b> Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project develops information technology systems to track financial and human resources data. Major subprojects in this category include SPU's share of funding to upgrade SUMMIT (the City's financial system); development of a new database to support improved drainage rate design; data warehouses for human resources and financial data and for solid waste system management and planning; replacement of obsolete legacy applications, and development of systems to provide financial information from the BANNER billing system.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	404	1,535	348	257	90	70	545	96	3,345
Solid Waste Rates	475	987	366	294	105	81	353	111	2,772
Water Rates	1,098	1,174	700	794	281	216	831	297	5,391
<b>Project Total:</b>	1,977	3,696	1,414	1,345	476	367	1,729	504	11,508
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	404	1,535	348	257	90	70	545	96	3,345
SPU Solid Waste Fund	475	987	366	294	105	81	353	111	2,772
SPU Water Fund	1,098	1,174	700	794	281	216	831	297	5,391
<b>Appropriations Total*</b>	1,977	3,696	1,414	1,345	476	367	1,729	504	11,508
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Technology Projects

## Customer Management - Technology

**BCL/Program Name:** Technology **BCL/Program Code:** C510B  
**Project Type:** New Investment **Start Date:** Ongoing  
**Project ID:** C5203 **End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project funds systems development, enhancements, and upgrades to support SPU's Customer Service Branch. The project includes participation in the BANNER billing system upgrade, development of web- and telephone-based customer contact technology improvements, an emergency site for the joint SPU/Seattle City Light call center, a centralized complaint management system, and expanded automated meter reading.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,809	477	1,187	126	191	1,013	175	170	5,148
Solid Waste Rates	2,614	473	425	239	140	848	167	115	5,021
Water Rates	2,306	581	547	253	199	1,052	181	178	5,297
<b>Project Total:</b>	6,729	1,531	2,159	618	530	2,913	523	463	15,466
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1,809	477	1,187	126	191	1,013	175	170	5,148
SPU Solid Waste Fund	2,614	473	425	239	140	848	167	115	5,021
SPU Water Fund	2,306	581	547	253	199	1,052	181	178	5,297
<b>Appropriations Total*</b>	6,729	1,531	2,159	618	530	2,913	523	463	15,466
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Technology Projects

## Operations Management - Technology

<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> C5204	<b>End Date:</b> Ongoing

**Location:** 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 development of new technologies that improve the efficiency and effectiveness of SPU's front-line workers. This includes information technology projects related to laboratory management, emergency dispatching, water resource management, vehicle location technology, Clean City data management, and improved work management and mobile computing for drainage and wastewater field crews.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	208	549	426	162	87	0	141	255	1,828
Solid Waste Rates	222	80	55	60	17	0	180	23	637
Water Rates	820	521	574	475	119	503	253	70	3,335
<b>Project Total:</b>	1,250	1,150	1,055	697	223	503	574	348	5,800
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	208	549	426	162	87	0	141	255	1,828
SPU Solid Waste Fund	222	80	55	60	17	0	180	23	637
SPU Water Fund	820	521	574	475	119	503	253	70	3,335
<b>Appropriations Total*</b>	1,250	1,150	1,055	697	223	503	574	348	5,800
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Technology Projects

## Project Management - Technology

<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> C5206	<b>End Date:</b> Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This program provides funding for technology investments that improve management of public works projects. This program includes development of a new project tracking system, automation of engineering vault records, development of a project plan circulation system, and several small related projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,078	368	387	825	430	387	378	0	4,853
Solid Waste Rates	547	115	121	246	117	121	118	0	1,385
Water Rates	2,001	666	701	1,495	868	702	686	0	7,119
<b>Project Total:</b>	4,626	1,149	1,209	2,566	1,415	1,210	1,182	0	13,357
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	2,078	368	387	825	430	387	378	0	4,853
SPU Solid Waste Fund	547	115	121	246	117	121	118	0	1,385
SPU Water Fund	2,001	666	701	1,495	868	702	686	0	7,119
<b>Appropriations Total*</b>	4,626	1,149	1,209	2,566	1,415	1,210	1,182	0	13,357
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Technology Projects

## Technology 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> C5207	<b>End Date:</b> Ongoing

**Location:** 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 technology improvements that support SPU's business systems. Funded work includes upgrade or renewal of remote communication links and other network enhancements; an upgrade of SPU's internal and external websites; enhancements designed to keep SPU's operations running during emergencies and after disasters; security enhancements; and an update of the core technology underlying SPU's geographic information systems (GIS).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,561	416	612	411	340	0	75	356	3,771
Solid Waste Rates	1,352	247	200	166	392	0	87	76	2,520
Water Rates	4,023	866	978	715	1,053	0	233	495	8,363
<b>Project Total:</b>	6,936	1,529	1,790	1,292	1,785	0	395	927	14,654
<b>Fund Appropriations/Allocations</b>									
SPU Drainage and Wastewater Fund	1,561	416	612	411	340	0	75	356	3,771
SPU Solid Waste Fund	1,352	247	200	166	392	0	87	76	2,520
SPU Water Fund	4,023	866	978	715	1,053	0	233	495	8,363
<b>Appropriations Total*</b>	6,936	1,529	1,790	1,292	1,785	0	395	927	14,654
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# **SPU - WATER**



## Overview of Facilities and Programs

Seattle Public Utilities (SPU) operates the City-owned water system serving a population of approximately 1.3 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 immediately adjacent areas, and sells wholesale to 26 suburban water utilities 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 overriding 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 Utility's financial policies (adopted in 2005) call for cash contributions to the CIP to average of 20% of total CIP costs over any given rate period. The remaining portion of the CIP is bond-funded. Overhead costs for the CIP are budgeted in the SPU operating fund and are reimbursed as CIP expenditures are incurred.

## Highlights

- **Open Distribution System Reservoirs:** To comply with water quality regulations and to enhance water system security, the City plans to cover all of its drinking-water reservoirs over the next several years. Two reservoirs, Bitter Lake and Lake Forest Park, have already been covered with floating covers. The Lincoln Reservoir project is essentially complete and the Seattle Parks Department is expanding the Cal Anderson Park over the reservoir. Design work for the replacement of Beacon, Myrtle, West Seattle, and Maple Leaf reservoirs commenced in 2005, and construction begins on the Beacon and Myrtle Reservoir projects in 2006 with completion of the project by the end of 2008. Construction of a new buried reservoir to replace West Seattle Reservoir will begin in 2008 with completion of the project by the end of 2010. The construction of Maple Leaf Reservoir's replacement is scheduled to begin in 2011 and end in 2013. SPU currently plans to decommission Roosevelt Reservoir, and further evaluate the possibility of decommissioning Volunteer Reservoir as well. However, specific actions at these two reservoirs are expected to occur after 2011.
- **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 on the Cedar River Watershed. This agreement commits the City to certain projects and management practices to mitigate the environmental impact 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 project within the Cedar HCP Program is the Cedar Sockeye Hatchery, which has been delayed at least a year as it undergoes appeal of its Environmental Impact Statement. Other HCP projects within the municipal watershed include culvert improvements and other stream restoration work, removal of logging roads and restoration of forest and lands. Research and monitoring are also being conducted in association with many of these projects. Approximately \$34 million is included in the 2006-2011 Proposed CIP for these projects.

## Project Selection Process

SPU has adopted an Asset Management approach for selecting projects to build. This is a triple bottom line approach in which projects are evaluated on their economic, social and environmental benefits and their ability to meet customer service levels. The approach provides an elaborate analytical and modeling framework to find the most economical balance between capital investments and operation and maintenance expenditures so as to minimize the life cycle costs of any facility.

A committee of senior SPU executives, the Asset Management Committee (AMC), reviews each project valued at \$250,000 or more and assures that only projects that meet the benefit criteria move forward. Several projects have been dropped, as their costs were higher than their benefits. Several cost-effective master planning efforts were

## Seattle Public Utilities – Water

approved to create up-to-date improvement and upgrade plans for several groups of assets. Other projects have been expanded or expedited because their benefits exceeded their costs.

### Program Category Summaries

The Water CIP appropriates \$77 million in 2006 (including Technology projects funded by the Water Fund, displayed in a separate section of this CIP). The CIP is comprised of nine program categories, which are summarized below.

**Bonneville Agreement:** This program includes projects to fund the implementation of Ordinance 121212 related to construction by the Bonneville Power Administration of an electric power transmission line project through the Cedar River Watershed.

**Environmental Stewardship:** Projects and programs in this program category provide environmental protection, sustain the environment, and enhance environmental quality, both locally and regionally. Several of the projects are implemented in response to the listing of the Chinook salmon as a threatened species under the Endangered Species Act.

**Habitat Conservation Program:** This program category includes projects and programs directly related to implementation of the Cedar River Watershed Habitat Conservation Plan. Projects are grouped into eight areas of focus: road improvements and decommissioning; stream and riparian restoration; upland forest restoration; Landsburg fish passage improvements; Cedar sockeye hatchery; Ballard Locks improvements; downstream fish habitat; and Cedar permanent dead storage evaluations.

**Infrastructure:** This program category repairs and upgrades the City's water lines, pump stations, and other facilities. Included in this program are projects for seismic upgrades to water tanks and pump stations, water main replacements, road and bridge improvements in the watersheds, and service renewals.

**Other Agencies:** This program category designs and constructs capital improvements for other agencies, or in response to other agencies' projects, often on a reimbursement basis.

**Shared Cost Projects:** This program includes capital improvement projects that receive funding from multiple SPU funds. In 2006, the program includes funding for the Alaskan Way Viaduct & Seawall, Facility Improvements, the SPU Operations Control Center Upgrade, a Utility Payment Center and Sound Transit Light Rail.

**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.

**Water Quality:** The major element of this program category is the covering of the open reservoirs discussed in more detail above. Also included is the upgrade to the Supervisory Control and Data Acquisition (SCADA) system that is used to monitor and control the City's water system, and projects to enhance the security of the water system.

## Seattle Public Utilities – Water

**Water Supply:** This program category repairs and upgrades water transmission pipelines and promotes residential and commercial water conservation. The replacement of the last mile-long segment of the original Tolt Pipeline No. 1 is included in this program. Also included is a new potential project to construct new permanent pump stations and pipelines to increase the reliability of the Cedar supply during severe droughts, although the scope of the project, its costs and benefits are still being evaluated. Finally, regional and Seattle-only conservation programs are included in this category as an alternative to developing new water sources in the future.

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

For most projects in the Water CIP, there are no new 2006 operations and maintenance costs, or these costs have not been calculated (N/C). In these cases, the cost impacts of the project are either insignificant or are offset by cost savings realized by other projects.

# SPU - Water

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Bonneville Agreement</b>			<b>BCL/Program Code:</b>							C170B
BPA - Aquatic & Riparian Restoration	C1702	234	844	600	140	0	0	0	0	<b>1,818</b>
BPA - Road Decommissioning/Improvements	C1703	162	728	282	32	44	203	0	0	<b>1,451</b>
BPA - Security Measures	C1704	260	312	255	0	0	0	0	0	<b>827</b>
BPA - Upland Forest Restoration	C1705	134	608	390	164	144	0	0	0	<b>1,440</b>
<b>Total for BCL Bonneville Agreement</b>		<b>790</b>	<b>2,492</b>	<b>1,527</b>	<b>336</b>	<b>188</b>	<b>203</b>	<b>0</b>	<b>0</b>	<b>5,536</b>
<b>Environmental Stewardship</b>			<b>BCL/Program Code:</b>							C130B
Cedar River - Education Center Exhibits	C103001	641	0	155	0	0	0	0	0	<b>796</b>
Cedar River Northridge Trail	C102022	31	51	11	0	0	0	0	0	<b>93</b>
Environmental Steward Project Development	C105084	0	100	103	106	109	113	116	119	<b>766</b>
ESA Chinook Research & Monitoring	C101048	561	217	230	250	271	281	290	299	<b>2,399</b>
ESA Snohomish River Basin	C101003	229	52	21	150	160	164	169	174	<b>1,119</b>
ESA Tolt Levee Modifications	C105095	0	347	258	1,167	546	23	23	0	<b>2,364</b>
Rock Creek Fishway	C101008	84	22	115	555	0	0	0	0	<b>776</b>
Tolt Fisheries Mitigation	C104057	47	185	44	64	0	0	0	0	<b>340</b>
Tolt Watershed Management Plan	C105083	0	300	206	212	219	113	116	0	<b>1,166</b>
<b>Total for BCL Environmental Stewardship</b>		<b>1,593</b>	<b>1,274</b>	<b>1,143</b>	<b>2,504</b>	<b>1,305</b>	<b>694</b>	<b>714</b>	<b>592</b>	<b>9,819</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

**SPU - Water**

**Project Summary**

<b>BCL/Program Name &amp; Project</b>	<b>Project ID</b>	<b>Life To Date</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Habitat Conservation Program</b>						<b>BCL/Program Code:</b>				C160B
Ballard Locks Improvements	C1606	902	150	155	159	164	113	811	836	<b>3,290</b>
Cedar Sockeye Hatchery	C1605	2,305	750	242	6,153	2,950	0	0	0	<b>12,400</b>
Downstream Fish Habitat	C1607	268	2,213	1,527	2,721	12	0	0	0	<b>6,741</b>
Instream Flow Management Studies	C1608	93	533	623	727	327	208	131	135	<b>2,777</b>
Landsburg Fish Passage Improvements	C1604	12,611	202	226	255	262	10	8	0	<b>13,574</b>
Stream & Riparian Restoration	C1602	2,348	837	890	832	861	661	680	701	<b>7,810</b>
Upland Reserve Forest Restoration	C1603	2,365	854	850	811	798	747	770	793	<b>7,988</b>
Watershed Road Improvement/Decommissioning	C1601	3,381	864	890	886	919	948	981	1,010	<b>9,879</b>
<b>Total for BCL Habitat Conservation Program</b>		<b>24,273</b>	<b>6,403</b>	<b>5,403</b>	<b>12,544</b>	<b>6,293</b>	<b>2,687</b>	<b>3,381</b>	<b>3,475</b>	<b>64,459</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Water

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Infrastructure</b>			<b>BCL/Program Code:</b>							C110B
Asset Management	C1126	2,703	3,344	1,417	3,183	3,278	3,377	3,478	3,582	<b>24,362</b>
Cathodic Protection Program	C1NW116	0	500	731	530	546	563	580	597	<b>4,047</b>
Cedar Bridges	C1119	19,448	1,014	422	650	229	101	180	185	<b>22,229</b>
Cedar Falls Facility Master Plan	C105092	0	60	247	0	0	0	0	0	<b>307</b>
Cedar Moraine Improvements	C197009	1,072	200	474	53	55	0	0	0	<b>1,854</b>
Cedar River Non-HCP Road Improvements	C191001	917	786	828	828	852	878	904	931	<b>6,924</b>
Cedar River Pipeline 2 Replace Portion	C104013	45	60	217	5,305	0	0	0	0	<b>5,627</b>
Cedar River Watershed - Headquarters Major Maintenance	C100051	1,653	88	91	93	96	99	102	105	<b>2,327</b>
Chamber Upgrades - Distribution	C103002	330	180	124	159	164	169	174	179	<b>1,479</b>
Design Commission Fees - Water	C101050	0	20	21	21	22	23	23	24	<b>154</b>
Distribution Projects Development	C105087	0	100	103	106	109	113	116	119	<b>766</b>
Distribution System In-Line Gate Valves	C199012	411	60	62	64	66	68	70	72	<b>873</b>
Fireflow & Pressure Improvement	C1128	266	300	580	2,652	5,316	6,010	6,191	6,376	<b>27,691</b>
Heavy Equipment Purchases - Water	C199068	9,072	2,934	2,179	3,501	1,639	1,688	4,869	5,015	<b>30,897</b>
Lake Young's Outlet Dam Rehabilitation	C102013	185	125	4	0	0	0	0	0	<b>314</b>
Lake Young's Outlet Dam Warning System	C101006	533	34	41	11	0	0	0	0	<b>619</b>
Landsburg Flood Passage Improvement	C104016	44	450	410	2,649	2,370	0	0	0	<b>5,923</b>
Maple Leaf Gatehouse Pipe Refurbishing	C195001	43	390	10	13	0	0	0	0	<b>456</b>
Painting Program - Myrtle Tank	C104031	22	653	127	0	0	0	0	0	<b>802</b>
Painting Program - Richmond Highland	C104032	26	1,295	314	0	0	0	0	0	<b>1,635</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Water

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Infrastructure</b>										<b>BCL/Program Code: C110B</b>
Painting Program - Steel Structures	C1NW130	0	20	103	530	546	563	580	597	<b>2,939</b>
Pump Station - Install Station Motors	C199052	39	61	62	69	76	79	81	84	<b>551</b>
Pump Station - Queen Anne	C1AA005	1,045	50	3,018	3,071	0	0	0	0	<b>7,184</b>
Purveyor Meters Replace - SPU	C1107	3,624	176	103	106	109	113	116	119	<b>4,466</b>
Replace Air Valve Chambers	C199060	346	61	64	66	66	68	70	72	<b>813</b>
Seismic Upgrade - Buildings	C1118	1,329	141	170	403	705	732	232	239	<b>3,951</b>
Seismic Upgrade - Cedar River Pipelines at Ginger Creek	C197032	414	2,105	6	3	3	0	0	0	<b>2,531</b>
Seismic Upgrade - Pipeline Backbone	C101038	325	205	103	1,432	0	0	0	0	<b>2,065</b>
Seismic Upgrade - Tanks	C1120	6,580	1,445	1,591	4,010	2,748	2,848	2,620	2,699	<b>24,541</b>
Tolt Bridges	C1131	61	6	22	350	0	0	0	0	<b>439</b>
Tolt Instrument and Warning Upgrade	C1AA012	1,903	47	47	28	28	30	32	33	<b>2,148</b>
Tolt Pipeline 1 Cathodic Protection	C100063	1,184	248	5	0	0	0	0	0	<b>1,437</b>
Tolt River Watershed Road Improvements	C196007	203	170	175	186	191	197	203	209	<b>1,534</b>
Transmission Pipelines Rehabilitation	C1127	0	500	103	1,061	1,093	1,126	1,159	1,194	<b>6,236</b>
Water Design Standards & Guideline Program	C102028	115	200	258	265	273	0	0	0	<b>1,111</b>
Water Infrastructure - Hydrant Replacement/Relocation	C1110	2,247	222	233	240	247	254	262	270	<b>3,975</b>
Water Infrastructure - New Hydrants	C1112	161	64	12	13	13	14	14	14	<b>305</b>
Water Infrastructure - New Taps	C1113	33,704	3,601	3,708	3,819	3,934	4,052	4,173	4,299	<b>61,290</b>
Water Infrastructure - Service Renewal	C1109	43,294	5,123	5,315	5,489	5,654	5,823	5,998	6,178	<b>82,874</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

## SPU - Water

### Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Infrastructure</b>						<b>BCL/Program Code:</b>				C110B
Water Infrastructure - Watermain Extensions	C1111	7,586	1,191	1,030	1,061	1,093	1,126	1,159	1,194	<b>15,440</b>
Water Infrastructure - Watermain Replacement	C1104	16,074	339	12	0	0	0	0	0	<b>16,425</b>
Water Infrastructure - Tank Site Remediation	C1114	1,350	320	309	318	328	0	0	0	<b>2,625</b>
Water System Dewatering	C1105	1,767	1,056	58	371	382	394	406	418	<b>4,852</b>
Watermain Rehabilitation	C1129	344	1,366	2,369	4,144	4,268	4,396	4,528	4,664	<b>26,079</b>
<b>Total for BCL Infrastructure</b>		<b>160,465</b>	<b>31,310</b>	<b>27,278</b>	<b>46,853</b>	<b>36,499</b>	<b>34,904</b>	<b>38,320</b>	<b>39,468</b>	<b>415,097</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Water

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Other Agencies</b>						<b>BCL/Program Code:</b>				C120B
Aurora Ave. N (110th - 145th)	C103033	3	8	16	0	0	0	0	0	27
Aurora N Multi-modal Corridor	C103027	73	985	156	53	0	0	0	0	1,267
Cedar Eastside Supply Improvement - East Creek	C145007	245	590	0	0	0	0	0	0	835
Fremont Bridge	C1NW20 1-003	0	0	1	0	0	0	0	0	1
Hidden Lake CSO Betterments	C104066	0	0	188	0	0	0	0	0	188
Hidden Lake CSO Impact Work	C104067	0	54	271	85	0	0	0	0	410
Holgate/Amtrak Water Relocation	C101009	275	10	0	0	0	0	0	0	285
I-405 Widening Cedar River Pipelines Impacts	C105096	0	0	46	0	0	0	0	0	46
Marine View/Des Moines Creek	C197021	214	400	31	0	0	0	0	0	645
Multiple Utility Relocation	C1NW20 1-001	0	976	927	1,061	1,093	1,126	1,159	1,194	7,536
Renton Franchise/Line Valve Cedar River	C102023	1,258	970	15	0	0	0	0	0	2,243
SeaTac 3 Runway Pipeline Relocation	C199075	283	545	3	0	0	0	0	0	831
SLU - Watermain Replacement/South Lake Union Park	C104035	0	155	10	0	0	0	0	0	165
SLU Watermain - Utility Coordination	C104036	24	71	62	32	33	0	0	0	222
W Duwamish Waterway Tunnel/Rails	C194034	153	50	52	0	0	0	0	0	255
Westlake Ave. Watermain Decommissioning	C1NW20 1-002	0	0	1,957	21	0	0	0	0	1,978
WSDOT Sound Walls	C104019	6	20	0	0	0	0	0	0	26
<b>Total for BCL Other Agencies</b>		<b>2,534</b>	<b>4,834</b>	<b>3,735</b>	<b>1,252</b>	<b>1,126</b>	<b>1,126</b>	<b>1,159</b>	<b>1,194</b>	<b>16,960</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# SPU - Water

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Shared Cost Projects</b>						<b>BCL/Program Code:</b>				C410B
Alaskan Way Viaduct & Seawall Facility	C404201-WF	129	125	765	0	0	0	0	0	<b>1,019</b>
Facility Improvements - Water	C404602-WF	902	2,491	1,421	0	0	0	0	0	<b>4,814</b>
Fleet Management Study	C405601-WF	0	123	0	0	0	0	0	0	<b>123</b>
Main Warehouse Improvements - Water	C406604-WF	0	0	262	0	0	0	0	0	<b>262</b>
Meter Replacement - Water	C4101-WF	11,190	728	718	739	761	784	808	831	<b>16,559</b>
Operational Facilities Plan	C406622-WF	0	0	364	0	0	0	0	0	<b>364</b>
Operations Control Center Upgrade - Water	C404501-WF	1,683	2,195	1,393	259	0	0	0	0	<b>5,530</b>
Seattle Monorail Project - Water	C404301-WF	122	400	0	0	0	0	0	0	<b>522</b>
Seattle Monorail Project Watermain Replacement - Water	C405330	0	1,200	0	0	0	0	0	0	<b>1,200</b>
Shared Opportunity Projects - Water	C405603-WF	0	100	0	103	105	108	110	110	<b>636</b>
Sound Transit Light Rail - Water	C4104-WF	890	2,172	762	633	299	11	0	0	<b>4,767</b>
Sound Transit Light Rail - Water Betterment	C405430	0	1,400	1,452	764	219	0	0	0	<b>3,835</b>
Spoils Yard & Decant Facility - Water	C404603-WF	0	10	116	0	0	0	0	0	<b>126</b>
Utility Payment Center - Water	C406611-WF	0	0	224	0	0	0	0	0	<b>224</b>
<b>Total for BCL Shared Cost Projects</b>		<b>14,916</b>	<b>10,944</b>	<b>7,477</b>	<b>2,498</b>	<b>1,384</b>	<b>903</b>	<b>918</b>	<b>941</b>	<b>39,981</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

**SPU - Water**

**Project Summary**

<b>BCL/Program Name &amp; Project</b>	<b>Project ID</b>	<b>Life To Date</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Water Quality</b>										<b>C140B</b>
Cedar River - Boundary Land Acquisition	C198008	2,212	325	104	107	110	114	117	121	<b>3,210</b>
Cedar Treatment Facility	C196015	100,612	597	10	0	0	0	0	0	<b>101,219</b>
Control & Data Acquisition Upgrade	C195008	4,480	3,625	2,383	2,019	0	0	0	0	<b>12,507</b>
Reservoir Covering - Beacon	C101060	882	1,000	8,799	24,411	4,137	0	0	0	<b>39,229</b>
Reservoir Covering - Lincoln	C196012	18,693	404	21	5	5	0	0	0	<b>19,128</b>
Reservoir Covering - Maple Leaf	C101078	266	513	2	2	0	303	485	16,476	<b>18,047</b>
Reservoir Covering - Myrtle	C101076	291	955	2,695	3,325	0	0	0	0	<b>7,266</b>
Reservoir Covering - Volunteer	C101059	94	0	0	0	0	0	280	1,247	<b>1,621</b>
Reservoir Covering - West Seattle	C101075	264	523	284	489	7,203	14,105	5,560	0	<b>28,428</b>
Water System Security Improvement	C1405	3,348	5,326	5,694	0	0	0	0	0	<b>14,368</b>
<b>Total for BCL Water Quality</b>		<b>131,142</b>	<b>13,268</b>	<b>19,992</b>	<b>30,358</b>	<b>11,455</b>	<b>14,522</b>	<b>6,442</b>	<b>17,844</b>	<b>245,023</b>

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

# SPU - Water

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Water Supply</b>										<b>BCL/Program Code: C150B</b>
Morse Lake Dead Storage Facilities	C103032	407	900	927	955	983	12,268	7,814	1,194	<b>25,448</b>
Regional Water Conservation Program	C1504	15,706	3,300	3,657	4,138	4,535	5,121	5,796	0	<b>42,253</b>
Seattle Direct Service Additional Conservation	C1505	952	988	1,018	2,016	2,147	2,250	2,317	2,387	<b>14,075</b>
Tolt Pipeline 2 II & III East of Tieline	C100084	28,067	73	33	23	13	0	0	0	<b>28,209</b>
Tolt Pipeline 2 II & III West of Tieline	C100083	26,377	30	5	5	5	0	0	0	<b>26,422</b>
Tolt Pipeline I - Phase 3 - B	C199003	756	4,894	9	5	5	0	0	0	<b>5,669</b>
Tolt Pipeline II - Phase 4	C194029	31,585	55	43	28	0	0	0	0	<b>31,711</b>
Treatment & Transmission Project Development	C1NW50 1-008	0	100	41	106	109	113	116	119	<b>704</b>
Water Resources Project Development	C105100	0	100	103	106	109	113	116	119	<b>766</b>
Water System Plan - 2007	C103058	85	430	399	28	0	0	0	0	<b>942</b>
Water System Plan - 2013	C1NW50 1-006	0	0	0	0	0	50	104	179	<b>333</b>
<b>Total for BCL Water Supply</b>		<b>103,935</b>	<b>10,870</b>	<b>6,235</b>	<b>7,410</b>	<b>7,906</b>	<b>19,915</b>	<b>16,263</b>	<b>3,998</b>	<b>176,532</b>
<b>Department Total</b>		<b>439,648</b>	<b>81,395</b>	<b>72,790</b>	<b>103,755</b>	<b>66,156</b>	<b>74,954</b>	<b>67,197</b>	<b>67,512</b>	<b>973,407</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

**Fund Summary**

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
SPU Water Fund	439,648	83,095	72,790	103,755	66,156	74,954	67,197	67,512	<b>975,107</b>
<b>Department Total</b>	<b>439,648</b>	<b>83,095</b>	<b>72,790</b>	<b>103,755</b>	<b>66,156</b>	<b>74,954</b>	<b>67,197</b>	<b>67,512</b>	<b>975,107</b>

*Note: Additional allocations for the SPU Water Fund are shown in the SPU - Technology section of this document.*

*\*Amounts in thousands of dollars*

**Alaskan Way Viaduct & Seawall**

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** New Facility **Start Date:** 4th Quarter 2001  
**Project ID:** C404201-WF **End Date:** 4th Quarter 2011

**Location:** Alaskan Way Viaduct  
**Neighborhood Plan:** Commercial Core **Neighborhood Plan Matrix:** LT 13  
**Neighborhood District:** Downtown **Urban Village:** In more than one Urban Village

This project funds planning, preliminary engineering, and design costs associated with water utility impacts arising from replacing the Alaskan Way Viaduct and Seawall with a new transportation facility. The Alaskan Way Viaduct is part of State Route 99, which carries 25% of the north-south traffic through downtown Seattle and is a major truck route serving the City's industrial areas. The seawall supports the soils under Alaskan Way and the Viaduct. Both facilities were damaged in the February 28, 2001 Nisqually Earthquake. The Federal Highway Administration (FHWA), the Washington State Department of Transportation (WSDOT) and the City of Seattle are partners on the project. WSDOT, in conjunction with the Seattle Department of Transportation, is conducting a plan and study for demolition and replacement of the existing facility. At this early stage, a number of options are being evaluated. The costs and timing of improvements, as well as the sources of funding, have not been determined and will be refined as the project scope is further developed. See also projects in the Seattle Department of Transportation (project TC36605) and Seattle City Light (project 8307) CIPs. The SPU Asset Management Committee approved the project in 2005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	129	125	765	0	0	0	0	0	1,019
<b>Project Total:</b>	129	125	765	0	0	0	0	0	1,019
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	129	125	765	0	0	0	0	0	1,019
<b>Appropriations Total*</b>	129	125	765	0	0	0	0	0	1,019
<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 in thousands of dollars.*

**Asset Management**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 4th Quarter 2002  
**Project ID:** C1126 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This program provides funding for managing the City’s water system assets as optimally as possible by using sound asset management principles and practices. Project elements include the following: developing, monitoring, and reporting on measurable customer and environmental service levels; preparing Strategic Asset Management Plans; developing and implementing asset decision models; developing information technology applications; collecting data and assessing the condition of SPU’s assets; and evaluating SPU’s current operating and maintenance practices and processes. Funding is allocated from the Asset Management Program to these various programs once they are clearly defined. The confidence level in the current cost estimate is medium for 2006; cost estimates for future years will be revised over time. SPU’s Asset Management Committee has approved the Clean and Line Cast Iron Pipes (C104006) and Valve & Pump Station Control (C105069) projects of this program.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	2,703	3,344	1,417	3,183	3,278	3,377	3,478	3,582	24,362
<b>Project Total:</b>	2,703	3,344	1,417	3,183	3,278	3,377	3,478	3,582	24,362
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	2,703	3,344	1,417	3,183	3,278	3,377	3,478	3,582	24,362
<b>Appropriations Total*</b>	2,703	3,344	1,417	3,183	3,278	3,377	3,478	3,582	24,362
<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 in thousands of dollars.*

# SPU - Water

## Aurora Ave. N (110th - 145th)

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 2003  
**Project ID:** C103033 **End Date:** 4th Quarter 2006

**Location:** N 110th St./Aurora Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

The Seattle Department of Transportation is developing a scope of work for rehabilitating or improving Aurora Ave. N between N 110th St. and N 145th St. This project funds the necessary preliminary engineering to determine the water system impacts of that transportation project. If the transportation project progresses further, additional funds will be requested at that time to address the impacts. The cost estimates will be revised to incorporate new information.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	3	8	16	0	0	0	0	0	27
<b>Project Total:</b>	3	8	16	0	0	0	0	0	27
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	3	8	16	0	0	0	0	0	27
<b>Appropriations Total*</b>	3	8	16	0	0	0	0	0	27
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Aurora N Multi-modal Corridor

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 2003  
**Project ID:** C103027 **End Date:** 2nd Quarter 2007

**Location:** N 145th St./Aurora Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

The City of Shoreline is redeveloping Aurora Ave. N between N 145th St. and N. 165th St. This project addresses the impacts of the City of Shoreline's project on the water system, and funds improvements required to increase the fireflow along both sides of Aurora Ave. to current standards. The project includes the replacement of four- and six-inch watermains with 12-inch watermains; the replacement, relocation, and addition of new fire hydrants; and the installation of water service meters. The confidence level of the planning phase cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	73	985	156	53	0	0	0	0	1,267
<b>Project Total:</b>	73	985	156	53	0	0	0	0	1,267
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	73	985	156	53	0	0	0	0	1,267
<b>Appropriations Total*</b>	73	985	156	53	0	0	0	0	1,267
<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 in thousands of dollars.*

**Ballard Locks Improvements**

**BCL/Program Name:** Habitat Conservation Program

**BCL/Program Code:** C160B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2000

**Project ID:** C1606

**End Date:** 4th Quarter 2011

**Location:** 3015 NW 54th St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Ballard

**Urban Village:** Ballard

This project is a sub-element of the Cedar River Habitat Conservation Plan (HCP) and associated Cedar River Instream Flow Agreement. Improvements include the planning, design, and construction of freshwater conservation and smolt passage facilities at the Ballard Locks to improve fish passage and survival. The project is part of a comprehensive instream flow management program for the Cedar River that protects the City's continued ability to divert adequate amounts of high quality water for regional use. This program also protects instream resources and the U.S. Army Corps of Engineers' ability to provide adequate flows for operating the Locks. SPU's Asset Management Committee has approved the HCP at the program level. The confidence level for this cost estimate is high.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	902	150	155	159	164	113	811	836	3,290
<b>Project Total:</b>	902	150	155	159	164	113	811	836	3,290
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	902	150	155	159	164	113	811	836	3,290
<b>Appropriations Total*</b>	902	150	155	159	164	113	811	836	3,290
<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 in thousands of dollars.*

**BPA - Aquatic & Riparian Restoration**

**BCL/Program Name:** Bonneville Agreement **BCL/Program Code:** C170B  
**Project Type:** Improved Facility **Start Date:** 2nd Quarter 2004  
**Project ID:** C1702 **End Date:** 4th Quarter 2007

**Location:** Cedar River Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project group within the Bonneville Agreement program provides funds to plan and implement aquatic and riparian restoration projects within the Cedar River Municipal Watershed. These projects enhance and accelerate the City's existing efforts to restore riparian, aquatic, and wetland habitat in the watershed, and compensate for the impacts of the Bonneville Power Administration's (BPA's) power line project on that habitat. SPU's Asset Management Committee has approved this set of projects. The confidence level in the cost estimate is medium as the project is in the early stage of development.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	234	844	600	140	0	0	0	0	1,818
<b>Project Total:</b>	234	844	600	140	0	0	0	0	1,818
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	234	844	600	140	0	0	0	0	1,818
<b>Appropriations Total*</b>	234	844	600	140	0	0	0	0	1,818
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**BPA - Road Decommissioning/Improvements**

**BCL/Program Name:** Bonneville Agreement

**BCL/Program Code:** C170B

**Project Type:** Improved Facility

**Start Date:** 2nd Quarter 2004

**Project ID:** C1703

**End Date:** 4th Quarter 2009

**Location:** Cedar River Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project group within the Bonneville Agreement program provides funds to plan and implement road decommissioning and road improvement projects within the Cedar River Municipal Watershed. These projects enhance and accelerate the City's existing programs to improve or abandon watershed roads, and compensate for the effects of the additional road length added to the watershed as a result of the Bonneville Power Administration's power line project. SPU's Asset Management Committee has approved this set of projects. The confidence level in the cost estimate is medium as the project is in the early stage of development.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	162	728	282	32	44	203	0	0	1,451
<b>Project Total:</b>	162	728	282	32	44	203	0	0	1,451
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	162	728	282	32	44	203	0	0	1,451
<b>Appropriations Total*</b>	162	728	282	32	44	203	0	0	1,451
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## BPA - Security Measures

**BCL/Program Name:** Bonneville Agreement

**BCL/Program Code:** C170B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C1704

**End Date:** 4th Quarter 2006

**Location:** Cedar River Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project group within the Bonneville Agreement program provides funds to plan purchase and install watershed security improvements within the Cedar River Municipal Watershed to protect watershed resources and restrict watershed access. These projects compensate for the impacts of the Bonneville Power Administration's power line project on security within the watershed. SPU's Asset Management Committee has reviewed and approved this set of projects. The confidence level in cost estimates is medium as the project is in the early stage of development.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	260	312	255	0	0	0	0	0	827
<b>Project Total:</b>	260	312	255	0	0	0	0	0	827
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	260	312	255	0	0	0	0	0	827
<b>Appropriations Total*</b>	260	312	255	0	0	0	0	0	827
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2006-2011 Proposed Capital Improvement Program**

**BPA - Upland Forest Restoration**

**BCL/Program Name:** Bonneville Agreement **BCL/Program Code:** C170B  
**Project Type:** Improved Facility **Start Date:** 2nd Quarter 2004  
**Project ID:** C1705 **End Date:** 4th Quarter 2008

**Location:** Cedar River Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project group within the Bonneville Agreement program provides funds to plan and implement forest restoration projects within the Cedar River Municipal Watershed. This program will enhance and accelerate the City's existing Upland Forest Restoration Program. To compensate for the impacts of the Bonneville Power Administration's power line project on older second-growth forest and other upland habitats in the watershed. SPU's Asset Management Committee has reviewed and approved this set of projects. The confidence level in cost estimates is medium as the project is in the early stage of development.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	134	608	390	164	144	0	0	0	1,440
<b>Project Total:</b>	134	608	390	164	144	0	0	0	1,440
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	134	608	390	164	144	0	0	0	1,440
<b>Appropriations Total*</b>	134	608	390	164	144	0	0	0	1,440
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cathodic Protection Program**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2004  
**Project ID:** C1NW116 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program implements SPU's Cathodic Protection Master Plan, by installing pipe exterior corrosion protection systems along the major water transmission pipelines. Cathodic protection systems are a relatively low cost method of extending the life of buried pipelines and submerged surfaces of water storage tanks. They can be used to protect ductile iron, steel, and concrete cylinder pipe. Unprotected, these types of pipe corrode through an electrochemical process; cathodic protection attempts to slow down or even stop this electrochemical process by providing electrical current to the pipe. Projects are accomplished over two years; one year for design and one year for construction. Each project installs new or replacement rectifiers and anodes along a section of pipeline between one and four miles in length.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	500	731	530	546	563	580	597	4,047
<b>Project Total:</b>	0	500	731	530	546	563	580	597	4,047
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	500	731	530	546	563	580	597	4,047
<b>Appropriations Total*</b>	0	500	731	530	546	563	580	597	4,047
<b>O &amp; M Costs (Savings)</b>			0	2	3	3	3	3	14

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# SPU - Water

## Cedar Bridges

**BCL/Program Name:** Infrastructure  
**Project Type:** Improved Facility  
**Project ID:** C1119

**BCL/Program Code:** C110B  
**Start Date:** Ongoing  
**End Date:** 4th Quarter 2011

**Location:** Cedar Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project replaces bridges in the Cedar River Watershed at which SPU requires access and the existing bridges are no longer able to carry required loading, resulting in safety and environmental risks. This project may include replacing the bridges at Cedar River 600 Road, Middle Fork Taylor Creek 60 Road, Barneston Bridge, North Fork Taylor 60 Road, Rex 300 Road, Rock 41 Road, Taylor 9 Road, Tinkham 560 Road, North Fork Taylor 62 Road, Cedar 9 Road, and Cedar 560 Road.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	19,448	1,014	422	650	229	101	180	185	22,229
<b>Project Total:</b>	19,448	1,014	422	650	229	101	180	185	22,229
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	19,448	1,014	422	650	229	101	180	185	22,229
<b>Appropriations Total*</b>	19,448	1,014	422	650	229	101	180	185	22,229
<b>O &amp; M Costs (Savings)</b>			16	16	16	16	16	16	96

## Cedar Eastside Supply Improvement - East Creek

**BCL/Program Name:** Other Agencies  
**Project Type:** Improved Facility  
**Project ID:** C145007

**BCL/Program Code:** C120B  
**Start Date:** 2nd Quarter 2001  
**End Date:** 3rd Quarter 2005

**Location:** East Creek & Camber Rd.

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project responds to improvements initiated by the City of Bellevue to the Kamber Road crossing of East Creek in the Factoria area. The Cedar Eastside Supply Line, located in the Kamber Road roadway, is lowered and encased in concrete to accommodate the creek crossing improvements. The confidence level of the cost estimate is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	245	590	0	0	0	0	0	0	835
<b>Project Total:</b>	245	590	0	0	0	0	0	0	835
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	245	590	0	0	0	0	0	0	835
<b>Appropriations Total*</b>	245	590	0	0	0	0	0	0	835
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cedar Falls Facility Master Plan**

**BCL/Program Name:** Infrastructure  
**Project Type:** Improved Facility  
**Project ID:** C105092

**BCL/Program Code:** C110B  
**Start Date:** 1st Quarter 2005  
**End Date:** 4th Quarter 2006

**Location:** Cedar Falls Rd. SE

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project provides for a preliminary study and creation of a design plan to upgrade the existing facilities at Cedar Falls Headquarters. The existing buildings, which were constructed from the 1920s to 1950s, do not meet building codes or the requirements of current staff, and are in a deteriorated condition that requires constant major repairs. Several of the buildings were constructed for residential occupation and are not well suited to business needs. The study and plan for construction of new facilities addresses ongoing maintenance issues in the current facilities including toxic mold, lack of handicapped access, and rodent infestations, and includes replacing or rebuilding stairs at building entrances. In the 2005-2010 Adopted CIP, the project ID for this project was C1NW101-005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	60	247	0	0	0	0	0	307
<b>Project Total:</b>	0	60	247	0	0	0	0	0	307
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	60	247	0	0	0	0	0	307
<b>Appropriations Total*</b>	0	60	247	0	0	0	0	0	307
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cedar Moraine Improvements**

**BCL/Program Name:** Infrastructure  
**Project Type:** Improved Facility  
**Project ID:** C197009

**BCL/Program Code:** C110B  
**Start Date:** 1st Quarter 1997  
**End Date:** 4th Quarter 2008

**Location:** Cedar Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

Cedar Moraine is a porous, glacial deposit abutting Chester Morse Lake. In December 1918, during the initial filling of the reservoir, a massive landslide occurred as a result of high groundwater. Subsequently, a network of observation wells was installed to monitor groundwater levels. Over time, some of the wells became blocked. This project began in 1997 to evaluate the conditions of the network, provide rehabilitation, and recommend further improvements. Current planning studies focus on improving monitoring capabilities along the northwest slopes of the moraine and drilling additional wells, and may lead to a recommendation for a warning system. The confidence level in the cost estimate for the development of the planning phase is high. Development of the warning system is at an early stage, and cost estimates for this stage will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	1,072	200	474	53	55	0	0	0	1,854
<b>Project Total:</b>	1,072	200	474	53	55	0	0	0	1,854
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,072	200	474	53	55	0	0	0	1,854
<b>Appropriations Total*</b>	1,072	200	474	53	55	0	0	0	1,854
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cedar River - Boundary Land Acquisition**

**BCL/Program Name:** Water Quality **BCL/Program Code:** C140B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 1998  
**Project ID:** C198008 **End Date:** Ongoing

**Location:** Cedar River Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

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. This project enables SPU to evaluate risks to watershed protection and security posed by these changes, and to respond as opportunities arise by acquiring property. All property acquisitions require specific legislative authority. Although funding is not yet allocated for 2012, the project is expected to be ongoing. The confidence level of the cost estimate is medium and the project requires the SPU Asset Management Committee review. Acquisitions to date include 101 acres inside the Cedar Watershed (Watershed) at Yakima Pass through a 2003 agreement with Bonneville Power Administration and non-City property rights formerly used for railroad purposes in the Watershed.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	2,212	325	104	107	110	114	117	121	3,210
<b>Project Total:</b>	2,212	325	104	107	110	114	117	121	3,210
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	2,212	325	104	107	110	114	117	121	3,210
<b>Appropriations Total*</b>	2,212	325	104	107	110	114	117	121	3,210
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cedar River Non-HCP Road Improvements**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 1991  
**Project ID:** C191001 **End Date:** Ongoing

**Location:** Cedar Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

The Cedar River Watershed contains over 615 miles of forest roads. This project funds major improvements (beyond routine maintenance) on roads designated as having long-term purpose for watershed management including forest fire suppression, fish and wildlife management, forest management, security, and public education. Roads not deemed to be of long-term necessity are "deconstructed" by removing potentially unstable sidecast and fill material; constructing frequent waterbars, and re-establishing stream crossings. This work is designed to provide long-term stability, to approximate the drainage flows that existed prior to management activities, and to be complementary to road improvement and decommissioning projects included in the Cedar River Habitat Conservation Plan (HCP). The City's HCP assumes these projects are completed.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	917	786	828	828	852	878	904	931	6,924
<b>Project Total:</b>	917	786	828	828	852	878	904	931	6,924
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	917	786	828	828	852	878	904	931	6,924
<b>Appropriations Total*</b>	917	786	828	828	852	878	904	931	6,924
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cedar River Northridge Trail**

**BCL/Program Name:** Environmental Stewardship

**BCL/Program Code:** C130B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2002

**Project ID:** C102022

**End Date:** 4th Quarter 2006

**Location:** Cedar River Watershed, Northern Boundary

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project involves planning and implementation of an alternative trail connection along the northern ridge boundary of Cedar River Watershed. Planning, public process, construction, and management are done in cooperation with the Washington State Parks Department, the US Forest Service, other agencies, and adjacent landowners.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	31	51	11	0	0	0	0	0	93
<b>Project Total:</b>	31	51	11	0	0	0	0	0	93
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	31	51	11	0	0	0	0	0	93
<b>Appropriations Total*</b>	31	51	11	0	0	0	0	0	93
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cedar River Pipeline 2 Replace Portion**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2004  
**Project ID:** C104013 **End Date:** 4th Quarter 2007

**Location:** CRpl #2 Between Volunteer Park And Maple Leaf Gatehouse

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** In more than one Urban Village

This project rehabilitates an 88-year-old 42-inch lockbar steel feeder main that is corroded in some locations. The Cedar River pipeline (CRpl) extends from Volunteer Park to the Maple Leaf neighborhood and crosses the Ship Canal in a tunnel. It is part of the planned seismically-hardened backbone of the Seattle distribution system; timely rehabilitation results in less disruption to water service after a major earthquake, and eliminates the risk of property damage associated with a major leak or pipeline failure. The parameters of the replacement are determined during the planning phase of the project. This project is in a preliminary phase of development and cost estimates will be revised over time. The SPU Asset Management Committee reviewed and approved the preliminary engineering phase of the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	45	60	217	5,305	0	0	0	0	5,627
<b>Project Total:</b>	45	60	217	5,305	0	0	0	0	5,627
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	45	60	217	5,305	0	0	0	0	5,627
<b>Appropriations Total*</b>	45	60	217	5,305	0	0	0	0	5,627
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Cedar River Watershed - Headquarters Major Maintenance**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2000  
**Project ID:** C100051 **End Date:** Ongoing

**Location:** Cedar River Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project replaces leaky roofs, repairs plumbing, paint for existing facilities, and conducts other major maintenance at the Cedar Falls Headquarters.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	1,653	88	91	93	96	99	102	105	2,327
<b>Project Total:</b>	1,653	88	91	93	96	99	102	105	2,327
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,653	88	91	93	96	99	102	105	2,327
<b>Appropriations Total*</b>	1,653	88	91	93	96	99	102	105	2,327
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Cedar Sockeye Hatchery**

**BCL/Program Name:** Habitat Conservation Program

**BCL/Program Code:** C160B

**Project Type:** New Facility

**Start Date:** 1st Quarter 2000

**Project ID:** C1605

**End Date:** 4th Quarter 2008

**Location:** Cedar River

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project, a component of the Cedar River Habitat Conservation Plan (HCP), implements measures to mitigate impacts on sockeye salmon caused by the migration barrier formed by the Landsburg Diversion Dam. The hatchery's purpose is to produce fry in lieu of the production that could occur if sockeye were allowed to spawn above Landsburg Dam. The project consists of spring-fed water supply improvements, a broodstock holding facility, an incubation and short-term holding facility capable of producing 34 million fry, housing for two employees, and a broodstock collection trap. SPU's Asset Management Committee approved the HCP at the program level. The confidence level for this cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	2,305	750	242	6,153	2,950	0	0	0	12,400
<b>Project Total:</b>	2,305	750	242	6,153	2,950	0	0	0	12,400
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	2,305	750	242	6,153	2,950	0	0	0	12,400
<b>Appropriations Total*</b>	2,305	750	242	6,153	2,950	0	0	0	12,400
<b>O &amp; M Costs (Savings)</b>			99	130	334	458	458	458	1,937

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# SPU - Water

## Cedar Treatment Facility

**BCL/Program Name:** Water Quality

**BCL/Program Code:** C140B

**Project Type:** New Facility

**Start Date:** 1st Quarter 1996

**Project ID:** C196015

**End Date:** 4th Quarter 2006

**Location:** Lake Youngs Reservoir

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project develops and implements water treatment improvements to the Cedar River water supply to improve water quality, ensure compliance with drinking water regulations, and mitigate the periodic taste and odor problems that occur on the Cedar source. Under this project, new ozone disinfecting facilities (compatible with filtration) are planned, designed, and constructed near the Lake Young's Reservoir. SPU is utilizing a design-build-operate contracting method for this project, similar to that used for the recently commissioned Tolt Treatment Facility. The confidence level of the cost estimate is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	100,612	597	10	0	0	0	0	0	101,219
<b>Project Total:</b>	100,612	597	10	0	0	0	0	0	101,219
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	100,612	597	10	0	0	0	0	0	101,219
<b>Appropriations Total*</b>	100,612	597	10	0	0	0	0	0	101,219
<b>O &amp; M Costs (Savings)</b>			3,980	5,100	6,520	6,520	6,917	7,338	36,375

## Chamber Upgrades - Distribution

**BCL/Program Name:** Infrastructure

**BCL/Program Code:** C110B

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2003

**Project ID:** C103002

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This program allows SPU to meet current Occupational Safety and Health Administration (OSHA) and Washington State Health Administration (WSHA) standards for confined space entry by replacing undersized underground chamber access openings (rings and covers) throughout the City's water system.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	330	180	124	159	164	169	174	179	1,479
<b>Project Total:</b>	330	180	124	159	164	169	174	179	1,479
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	330	180	124	159	164	169	174	179	1,479
<b>Appropriations Total*</b>	330	180	124	159	164	169	174	179	1,479
<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 in thousands of dollars.*

# SPU - Water

## Control & Data Acquisition Upgrade

**BCL/Program Name:** Water Quality **BCL/Program Code:** C140B  
**Project Type:** New Investment **Start Date:** 1st Quarter 2002  
**Project ID:** C195008 **End Date:** 4th Quarter 2007

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project upgrades the Supervisory Control and Data Acquisition (SCADA) system. Water system operators use SCADA equipment to acquire and monitor data, such as flow or pressure from remote sensors and from water supply dams, and to remotely operate pumps and valves. This project is broken down into four concurrent stages. Stage one of the project which includes creating functional specifications is complete and SPU has selected a vendor. Stage two converts SPU's Operations Control Center control room to a PC workstation-based software system, upgrades approximately 110 pieces of field site data collection equipment, and improves the communications system to allow for a redundant control room at SPU's North Operation Center. The confidence level of the cost estimate for this project stage is high, and the stage has been approved by SPU's Asset Management Committee (AMC). Stage three focuses on improving the capacity of the Water System Control Center to optimize system operations. Stage four integrates SCADA with other SPU business information systems such as SPU's work order system. Stage three has been approved by the AMC.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	4,480	3,625	2,383	2,019	0	0	0	0	12,507
<b>Project Total:</b>	4,480	3,625	2,383	2,019	0	0	0	0	12,507
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	4,480	3,625	2,383	2,019	0	0	0	0	12,507
<b>Appropriations Total*</b>	4,480	3,625	2,383	2,019	0	0	0	0	12,507
<b>O &amp; M Costs (Savings)</b>			354	405	455	455	483	512	2,664

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# SPU - Water

## Design Commission Fees - Water

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** Ongoing  
**Project ID:** C101050 **End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project funds the City Design Commission's review of the environmental and design aspects of capital improvement projects funded by the Water Fund. Projects reviewed by the Design Commission include those which have a visual impact on the public realm, including buildings, fencing, gates, and landscaping. The allocations shown below are estimates and are expected to be revised over time. This project serves as a central location for fee estimates and once specific projects are reviewed and costs are incurred, the fees are allocated to the appropriate projects.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	20	21	21	22	23	23	24	154
<b>Project Total:</b>	0	20	21	21	22	23	23	24	154
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	20	21	21	22	23	23	24	154
<b>Appropriations Total*</b>	0	20	21	21	22	23	23	24	154
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Distribution Projects Development

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2005  
**Project ID:** C105087 **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** Not in an Urban Village

This project provides funds for planning level work in the Water Distribution System business area prior to the identification of specific capital projects. This work includes policy analysis and program development to address emerging and unanticipated issues at the time of CIP budget development. In the 2005-2010 Adopted CIP, the project ID for this project was C1NW101-001.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	100	103	106	109	113	116	119	766
<b>Project Total:</b>	0	100	103	106	109	113	116	119	766
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	100	103	106	109	113	116	119	766
<b>Appropriations Total*</b>	0	100	103	106	109	113	116	119	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 in thousands of dollars.*

# SPU - Water

## Distribution System In-Line Gate Valves

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 1999  
**Project ID:** C199012 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project replaces aging in-line gate valves throughout the water distribution system. Many of these valves are more than 50 years old and are obsolete. Spare parts are difficult, and in some cases impossible to obtain. The confidence level of the cost estimate is medium as it is dependent on the condition of the gate valves and the availability of parts. The project has been approved by SPU's Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	411	60	62	64	66	68	70	72	873
<b>Project Total:</b>	411	60	62	64	66	68	70	72	873
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	411	60	62	64	66	68	70	72	873
<b>Appropriations Total*</b>	411	60	62	64	66	68	70	72	873
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Downstream Fish Habitat**

**BCL/Program Name:** Habitat Conservation Program

**BCL/Program Code:** C160B

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2001

**Project ID:** C1607

**End Date:** 4th Quarter 2008

**Location:** Cedar River

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project is a component of the Cedar River Habitat Conservation Plan (HCP). The project implements downstream habitat protection and restoration measures in the lower 22 miles of the mainstem Cedar River for the benefit of anadromous salmonid species, especially Chinook salmon, and to enhance natural ecological processes that shape and maintain riparian and aquatic habitat. Activities include habitat land acquisition in collaboration with Cascade Land Conservation and restoration work at Walsh Lake. This project is part of the HCP, which was approved by SPU's Asset Management Committee at the program level. The confidence level of the current cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	268	2,213	1,527	2,721	12	0	0	0	6,741
<b>Project Total:</b>	268	2,213	1,527	2,721	12	0	0	0	6,741
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	268	2,213	1,527	2,721	12	0	0	0	6,741
<b>Appropriations Total*</b>	268	2,213	1,527	2,721	12	0	0	0	6,741
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## ESA Snohomish River Basin

<b>BCL/Program Name:</b> Environmental Stewardship	<b>BCL/Program Code:</b> C130B
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 2nd Quarter 2000
<b>Project ID:</b> C101003	<b>End Date:</b> Ongoing

**Location:** Snohomish River Basin

<b>Neighborhood Plan:</b> Not in a Neighborhood Plan	<b>Neighborhood 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 develops critical habitat for salmon in the Tolt River Watershed. The program is coordinated with similar efforts undertaken by City Light, and projects may occur in cooperation with King County, affected tribes, or other local, state, and federal agencies. Beginning with the 2005-2010 Adopted CIP, funding for "ESA Tolt Levee Modifications" (C1NW301-004), which had been included in this project previously, is displayed as a separate CIP project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	229	52	21	150	160	164	169	174	1,119
<b>Project Total:</b>	229	52	21	150	160	164	169	174	1,119
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	229	52	21	150	160	164	169	174	1,119
<b>Appropriations Total*</b>	229	52	21	150	160	164	169	174	1,119
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**ESA Tolt Levee Modifications**

**BCL/Program Name:** Environmental Stewardship **BCL/Program Code:** C130B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2005  
**Project ID:** C105095 **End Date:** 4th Quarter 2010

**Location:** City Of Carnation

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This is a collaborative project between Seattle Public Utilities, Seattle City Light, and the King County Department of Natural Resources and Parks. The project removes approximately 1,000 feet of riverbank levee along the lower right bank of the Tolt River adjacent to the Tolt MacDonald Park. It constructs a new setback levee at the edge of the floodplain to provide reconnection to off-channel salmon habitat, and to allow for the creation of new spawning and rearing habitat for Chinook salmon. The SPU Asset Management Committee approved this project in 2005. In the 2005-2010 Adopted CIP, the project ID for this project was C1NW301-004.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	347	258	1,167	546	23	23	0	2,364
<b>Project Total:</b>	0	347	258	1,167	546	23	23	0	2,364
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	347	258	1,167	546	23	23	0	2,364
<b>Appropriations Total*</b>	0	347	258	1,167	546	23	23	0	2,364
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Facility Improvements - Water**

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2003  
**Project ID:** C404602-WF **End Date:** 4th Quarter 2006

**Location:** 700 5th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Downtown **Urban Village:** Commercial Core

This project funds logistical support services for SPU including tenant improvements, office buildouts, and furniture. The funding shown below is the Water Fund's share of the project's cost. The 2006 total cost for this project across all SPU funds is approximately \$2.8 million.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	902	2,491	1,421	0	0	0	0	0	4,814
<b>Project Total:</b>	902	2,491	1,421	0	0	0	0	0	4,814
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	902	2,491	1,421	0	0	0	0	0	4,814
<b>Appropriations Total*</b>	902	2,491	1,421	0	0	0	0	0	4,814
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Fireflow & Pressure Improvement

**BCL/Program Name:** Infrastructure

**BCL/Program Code:** C110B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2003

**Project ID:** C1128

**End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project improves the water distribution system by adding new water lines; replacing, relining, or slip-lining existing lines; adjusting pressure zone boundaries; and installing pressure reducing and pressure boosting installations to meet evolving customer service levels for continuity of service, pressure, water quality, and fire protection.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	266	300	580	2,652	5,316	6,010	6,191	6,376	27,691
<b>Project Total:</b>	266	300	580	2,652	5,316	6,010	6,191	6,376	27,691
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	266	300	580	2,652	5,316	6,010	6,191	6,376	27,691
<b>Appropriations Total*</b>	266	300	580	2,652	5,316	6,010	6,191	6,376	27,691
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2006-2011 Proposed Capital Improvement Program**



# SPU - Water

## Fremont Bridge

**BCL/Program Name:** Other Agencies  
**Project Type:** Improved Facility  
**Project ID:** C1NW201-003

**BCL/Program Code:** C120B  
**Start Date:** 3rd Quarter 2004  
**End Date:** 1st Quarter 2006

**Location:** South End Of Fremont Bridge

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project is in support of the Seattle Department of Transportation's (SDOT) project to replace the approaches to the Fremont Bridge. The design is complete for the first phase of construction and there are very few impacts to the water system. The second phase of the project is to construct a new maintenance building near the south approach and this will likely require the construction of a new eight-inch watermain to replace the existing two-inch galvanized main. Plans are not yet available for review of the building or the new water main. SPU develops the scope and costs with SDOT plans. The SPU Asset Management Committee review is not required as the project total cost does not exceed \$250,000.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	0	1	0	0	0	0	0	1
<b>Project Total:</b>	0	0	1	0	0	0	0	0	1
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	0	1	0	0	0	0	0	1
<b>Appropriations Total*</b>	0	0	1	0	0	0	0	0	1
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Heavy Equipment Purchases - Water

**BCL/Program Name:** Infrastructure  
**Project Type:** New Investment  
**Project ID:** C199068

**BCL/Program Code:** C110B  
**Start Date:** 1st Quarter 1999  
**End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** In more than one District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This program replaces existing heavy equipment (such as loaders and bulldozers) used at Water Utility facilities. These pieces of equipment have reached the end of their useful lives. The project also funds retrofitting of existing equipment to meet these environmental standards.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	9,072	2,934	2,179	3,501	1,639	1,688	4,869	5,015	30,897
<b>Project Total:</b>	9,072	2,934	2,179	3,501	1,639	1,688	4,869	5,015	30,897
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	9,072	2,934	2,179	3,501	1,639	1,688	4,869	5,015	30,897
<b>Appropriations Total*</b>	9,072	2,934	2,179	3,501	1,639	1,688	4,869	5,015	30,897
<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 in thousands of dollars.

**Hidden Lake CSO Betterments**

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 3rd Quarter 2004  
**Project ID:** C104066 **End Date:** 4th Quarter 2006

**Location:** City of Shoreline

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project allows SPU to perform betterment work in conjunction with a King County (KC) combined sewer rehab project, which is impacting SPU Water services in Shoreline. The KC project creates an opportunity for SPU to perform its work while the width of the street is exposed which reduces the future disruption by additional street openings. The four-inch water line in Springdale Ct. NW does not provide minimum fireflow requirements to the area and replacing approximately 1100 linear feet of pipe will bring the area at least 20% more than the minimum requirement. Also all hydrants in the area will be replaced with six-inch wide capacity.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	0	188	0	0	0	0	0	188
<b>Project Total:</b>	0	0	188	0	0	0	0	0	188
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	0	188	0	0	0	0	0	188
<b>Appropriations Total*</b>	0	0	188	0	0	0	0	0	188
<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 in thousands of dollars.*

# SPU - Water

## Hidden Lake CSO Impact Work

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 3rd Quarter 2004  
**Project ID:** C104067 **End Date:** 4th Quarter 2007

**Location:** City of Shoreline

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

This project is an inter-agency project with King County (KC) to address impacts made to the City's water system in Shoreline impacted by KC sewer improvements project. The KC project includes the installation of a large underground storage pipe in the Boeing Creek Park, replacing the Hidden Lake pump station and replacing approximately 11,000 feet of sewer pipe between the Hidden Lake pump station and the Richmond Beach pump station. The SPU work involves cutting, capping, and reconnecting pipes to allow the implementation of KC project through SPU's water service area.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	54	271	85	0	0	0	0	410
<b>Project Total:</b>	0	54	271	85	0	0	0	0	410
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	54	271	85	0	0	0	0	410
<b>Appropriations Total*</b>	0	54	271	85	0	0	0	0	410
<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 in thousands of dollars.*

**Holgate/Amtrak Water Relocation**

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 4th Quarter 1998  
**Project ID:** C101009 **End Date:** 4th Quarter 2005

**Location:** S Holgate St./4th Ave. S/1st Ave. S

**Neighborhood Plan:** Duwamish **Neighborhood Plan Matrix:** Multiple  
**Neighborhood District:** Greater Duwamish **Urban Village:** Duwamish

This project responds to Amtrak's redevelopment of rail yard facilities at S Holgate St. between 3rd Ave. S and 4th Ave. S. As part of the redevelopment, the grade of S Holgate St. was lowered, reducing the cover over the existing 20-inch feeder main in S Holgate St. This project replaced the main at a lower depth (at Amtrak's expense) under the new track and extended the water main replacement under existing tracks in Holgate in the vicinity of 3rd Ave. S (at SPU's expense). Additionally, SPU supported Amtrak's project by performing shutdowns, water service relocations and installation of new services. The construction is complete, and the confidence level in the cost estimate is medium pending a determination of contaminated soil disposal costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	275	10	0	0	0	0	0	0	285
<b>Project Total:</b>	275	10	0	0	0	0	0	0	285
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	275	10	0	0	0	0	0	0	285
<b>Appropriations Total*</b>	275	10	0	0	0	0	0	0	285
<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 in thousands of dollars.*

**I-405 Widening Cedar River Pipelines Impacts**

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2005  
**Project ID:** C105096 **End Date:** 4th Quarter 2006

**Location:** City of Renton

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project is in response to Washington State Department of Transportation’s (WSDOT) planned widening of various sections of I-405 and SR-167, at locations that could impact Cedar River Pipelines (CRPLs) 1, 2, 3, 4. Initially, the main impacts seem to be on CRPL 4 where it crosses SR-167, and near Southcenter. The WSDOT project is still in the preliminary engineering stage, so impacts to SPU have not been fully determined at this time. SPU’s potential involvement in this project could range from easement work and pipeline monitoring to pipeline replacement. Only planning and coordination costs are included at this time. The confidence level of the current cost estimate is medium, and the project does not require review by the SPU Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	0	46	0	0	0	0	0	46
<b>Project Total:</b>	0	0	46	0	0	0	0	0	46
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	0	46	0	0	0	0	0	46
<b>Appropriations Total*</b>	0	0	46	0	0	0	0	0	46
<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 in thousands of dollars.*



**Lake Young's Outlet Dam Rehabilitation**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2003  
**Project ID:** C102013 **End Date:** 1st Quarter 2006

**Location:** Lake Youngs Reservoir

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project makes improvements at the dams at Lake Young's to comply with Washington State dam safety requirements. Work identified or completed to date includes installation of survey monuments on all three dams; raising the west portion of the south dam of Lake Young's, which is constructed of semi-structural fill that may fail in an earthquake and release water within the top six feet of the lake into the Kent valley; and replacement of the deteriorated siphon pipes at Lake Young's that are used to provide water to Little Soos Creek. The confidence level of cost estimates is high, and the SPU Asset Management Committee approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	185	125	4	0	0	0	0	0	314
<b>Project Total:</b>	185	125	4	0	0	0	0	0	314
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	185	125	4	0	0	0	0	0	314
<b>Appropriations Total*</b>	185	125	4	0	0	0	0	0	314
<b>O &amp; M Costs (Savings)</b>			6	6	6	6	6	6	36

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

**Lake Young's Outlet Dam Warning System**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2001  
**Project ID:** C101006 **End Date:** 1st Quarter 2007

**Location:** South Of Lake Youngs Reservoir

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project installs a warning system for detecting dam failure at the Lake Young's Outlet Dam, per regulatory requirement. Operations and maintenance costs listed below are included in the Department's operating budget. The confidence level of cost estimate is high and the SPU Asset Management Committee approved this project for construction.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	533	34	41	11	0	0	0	0	619
<b>Project Total:</b>	533	34	41	11	0	0	0	0	619
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	533	34	41	11	0	0	0	0	619
<b>Appropriations Total*</b>	533	34	41	11	0	0	0	0	619
<b>O &amp; M Costs (Savings)</b>			15	19	24	24	24	24	130

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



**Landsburg Flood Passage Improvement**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2004  
**Project ID:** C104016 **End Date:** 4th Quarter 2008

**Location:** Landsburg Dam

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project addresses flood passage deficiencies at the City’s Landsburg Dam on the Cedar River, making necessary improvements to reduce the risk of significant damage or loss of the dam in the event of a major flood. Preliminary engineering is proceeding per SPU’s Asset Management Committee approval to identify the preferred option. Cost estimates are based on construction of a new 40-foot wide emergency spillway. Other options being considered are debris control and modification of the spillway to install an inflatable rubber dam. The rubber dam portion would be deflated in a major flood to provide increased spillway capacity and to allow better passage of debris. The confidence level of the current cost estimate is medium. The SPU Asset Management Committee approved moving forward on the design and construction phases of this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	44	450	410	2,649	2,370	0	0	0	5,923
<b>Project Total:</b>	44	450	410	2,649	2,370	0	0	0	5,923
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	44	450	410	2,649	2,370	0	0	0	5,923
<b>Appropriations Total*</b>	44	450	410	2,649	2,370	0	0	0	5,923
<b>O &amp; M Costs (Savings)</b>			0	8	10	10	10	10	48

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

# SPU - Water

## Main Warehouse Improvements - Water

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2006  
**Project ID:** C406604-WF **End Date:** 4th Quarter 2006

**Location:** 2700 Airport/Way/S

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Greater Duwamish **Urban Village:** Not in an Urban Village

This project evaluates, plans, designs and constructs building systems, such as a sprinkler system for fire suppression and maintenance improvements, such as lighting, heating, ventilation and air conditioning, and roof replacement for the main warehouse facility at the Operations Control Center. The funding shown for this project reflect an estimated cost to perform required code improvements and evaluate the overall building needs. The SPU Asset Management Committee approved this project in 2005.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	0	262	0	0	0	0	0	262
<b>Project Total:</b>	0	0	262	0	0	0	0	0	262
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	0	262	0	0	0	0	0	262
<b>Appropriations Total*</b>	0	0	262	0	0	0	0	0	262
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Maple Leaf Gatehouse Pipe Refurbishing

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 2nd Quarter 1995  
**Project ID:** C195001 **End Date:** 2nd Quarter 2007

**Location:** NE 83rd St./12th Ave. NE

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Northeast **Urban Village:** Not in an Urban Village

This project refurbishes valves and piping to allow more water from the Tolt Watershed source to be delivered to areas south of the Lake Washington Ship Canal normally served by the Cedar River. The project makes it possible to supply the indoor water uses of the City's entire water system from the Tolt. The project also addresses seismic issues with the gatehouse structure. The confidence level in the current cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	43	390	10	13	0	0	0	0	456
<b>Project Total:</b>	43	390	10	13	0	0	0	0	456
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	43	390	10	13	0	0	0	0	456
<b>Appropriations Total*</b>	43	390	10	13	0	0	0	0	456
<b>O &amp; M Costs (Savings)</b>			0	5	5	5	5	5	25

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

# SPU - Water

## Marine View/Des Moines Creek

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 3rd Quarter 1997  
**Project ID:** C197021 **End Date:** 4th Quarter 2006

**Location:** Marine View Dr.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project responds to a project by the City of Des Moines that replaces an existing embankment and box culvert over the Des Moines Creek with a bridge. As a result of the City of Des Moines' project, SPU's Des Moines Way pipeline over the embankment is decommissioned. The project includes the installation of thrust restraint system and blowoffs, and the decommissioning of existing facilities. The certainty of the cost estimate is medium-high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	214	400	31	0	0	0	0	0	645
<b>Project Total:</b>	214	400	31	0	0	0	0	0	645
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	214	400	31	0	0	0	0	0	645
<b>Appropriations Total*</b>	214	400	31	0	0	0	0	0	645
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Meter Replacement - Water

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C4101-WF **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** In more than one Urban Village

This program replaces customer meters that are not performing within the American Water Works Association's standards of accuracy due to obsolescence, incorrect application, or inability to repair. It is currently more cost-effective to replace two-inch and smaller meters than it is to repair them. Three-inch and larger meters are repaired, if possible. In the 2005-2010 Adopted CIP, the project ID for this project was C404102-WF.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	11,190	728	718	739	761	784	808	831	16,559
<b>Project Total:</b>	11,190	728	718	739	761	784	808	831	16,559
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	11,190	728	718	739	761	784	808	831	16,559
<b>Appropriations Total*</b>	11,190	728	718	739	761	784	808	831	16,559
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Morse Lake Dead Storage Facilities**

**BCL/Program Name:** Water Supply

**BCL/Program Code:** C150B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2003

**Project ID:** C103032

**End Date:** 2nd Quarter 2011

**Location:** Cedar River Watershed, Northern Boundary

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project implements a cost-effective system for reliably delivering water from Cedar Dead Storage during drought conditions for water supply and instream flows. Depending on the outcome of a preliminary engineering study and approval by SPU's Asset Management Committee, either the existing facilities are improved or new facilities are constructed. Deficiencies in the existing Morse Lake Emergency Pumping Plants found during this project are also corrected while the longer-term improvements are being implemented. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	407	900	927	955	983	12,268	7,814	1,194	25,448
<b>Project Total:</b>	407	900	927	955	983	12,268	7,814	1,194	25,448
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	407	900	927	955	983	12,268	7,814	1,194	25,448
<b>Appropriations Total*</b>	407	900	927	955	983	12,268	7,814	1,194	25,448
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Multiple Utility Relocation

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C1NW201-001 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** In more than one Urban Village

This program enables SPU to respond to large projects that are conducted by other agencies that impact Seattle's water system. Impacts include utility conflicts that require relocations, construction impacts, and coordination to minimize impacts to SPU's customers and supply. Often, these agencies reimburse SPU for some or all of the costs incurred for the projects. The life to date costs for this project is zero as costs are allocated to the individual projects once they are identified.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	976	927	1,061	1,093	1,126	1,159	1,194	7,536
<b>Project Total:</b>	0	976	927	1,061	1,093	1,126	1,159	1,194	7,536
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	976	927	1,061	1,093	1,126	1,159	1,194	7,536
<b>Appropriations Total*</b>	0	976	927	1,061	1,093	1,126	1,159	1,194	7,536
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Operational Facilities Plan

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2006  
**Project ID:** C406622-WF **End Date:** 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project provides an inventory of existing facilities and their condition and identifies department functions, and adjacency, facility and space requirements. The information is used to develop a plan for the use of existing facilities, required upgrades, identification of gaps and recommended options for addressing those gaps. The 2006 total cost for this project across all the SPU funds is \$759,000.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	0	364	0	0	0	0	0	364
<b>Project Total:</b>	0	0	364	0	0	0	0	0	364
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	0	364	0	0	0	0	0	364
<b>Appropriations Total*</b>	0	0	364	0	0	0	0	0	364
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Operations Control Center Upgrade - Water

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2003  
**Project ID:** C404501-WF **End Date:** 4th Quarter 2007

**Location:** 2700 Airport Wy. S

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Greater Duwamish **Urban Village:** Not in an Urban Village

This project remodels and upgrades SPU's Operations Control Center building. The project includes reconfiguring internal space to improve security and incorporate the new Supervisory Control And Data Acquisition (SCADA) system. The upgraded center accommodates SPU's new Strategic Operations Division, as well as Field Operations administration and electrical, mechanical, maintenance and emergency response crews.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	1,683	2,195	1,393	259	0	0	0	0	5,530
<b>Project Total:</b>	1,683	2,195	1,393	259	0	0	0	0	5,530
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,683	2,195	1,393	259	0	0	0	0	5,530
<b>Appropriations Total*</b>	1,683	2,195	1,393	259	0	0	0	0	5,530
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Painting Program - Myrtle Tank

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2004  
**Project ID:** C104031 **End Date:** 2nd Quarter 2006

**Location:** 3600 SW Myrtle St.

**Neighborhood Plan:** Morgan Junction (MOCA) **Neighborhood Plan Matrix:** RG17  
**Neighborhood District:** Southwest **Urban Village:** Morgan Junction

The Tank Painting program involves interior and exterior surface preparation and painting, minor structural repairs, and safety modifications on a regular maintenance cycle at the City's various tank sites. This project cleans and overcoats the tank exterior of the Myrtle Tanks. The interior lining on one of the tanks is also removed and replaced. Minor safety and operational modifications are made. The confidence level of the cost estimate is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	22	653	127	0	0	0	0	0	802
<b>Project Total:</b>	22	653	127	0	0	0	0	0	802
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	22	653	127	0	0	0	0	0	802
<b>Appropriations Total*</b>	22	653	127	0	0	0	0	0	802
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Painting Program - Richmond Highland

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2004  
**Project ID:** C104032 **End Date:** 2nd Quarter 2006

**Location:** N 195th St./Fremont Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The Tank Painting program involves interior and exterior surface preparation and painting, minor structural repairs, and safety modifications on a regular maintenance cycle at the City's various tank sites. This project cleans and overcoats the tank exterior of the Richmond Highland Tanks (located north of Seattle city limits). The interior lining is completely removed and replaced. Minor safety and operational modifications are made. The confidence level of the cost estimate is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	26	1,295	314	0	0	0	0	0	1,635
<b>Project Total:</b>	26	1,295	314	0	0	0	0	0	1,635
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	26	1,295	314	0	0	0	0	0	1,635
<b>Appropriations Total*</b>	26	1,295	314	0	0	0	0	0	1,635
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2006-2011 Proposed Capital Improvement Program**

# SPU - Water

## Painting Program - Steel Structures

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2005  
**Project ID:** C1NW130 **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

The Steel Structures Painting program involves rehabilitation of the coating, lining, and paint systems on exposed steel pipelines, elevated tanks, standpipes, and other steel structures in the water system. The work involves minor structural repairs and safety modifications, surface preparation, and the application of a new coating system. This program is in a preliminary phase of development and cost estimates will be revised over time. SPU Asset Management Committee review is not required at this time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	20	103	530	546	563	580	597	2,939
<b>Project Total:</b>	0	20	103	530	546	563	580	597	2,939
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	20	103	530	546	563	580	597	2,939
<b>Appropriations Total*</b>	0	20	103	530	546	563	580	597	2,939
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Pump Station - Install Station Motors

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 4th Quarter 1999  
**Project ID:** C199052 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program replaces aging pump station motors throughout the water distribution system with new, more efficient motors. Some of the existing motors were installed 30 or more years ago and are now obsolete, with no replacement parts available. The confidence for this project cost estimate is medium. SPU's Asset Management Committee has approved this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	39	61	62	69	76	79	81	84	551
<b>Project Total:</b>	39	61	62	69	76	79	81	84	551
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	39	61	62	69	76	79	81	84	551
<b>Appropriations Total*</b>	39	61	62	69	76	79	81	84	551
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Pump Station - Queen Anne**

**BCL/Program Name:** Infrastructure  
**Project Type:** Improved Facility  
**Project ID:** C1AA005

**BCL/Program Code:** C110B  
**Start Date:** 1st Quarter 1996  
**End Date:** 4th Quarter 2007

**Location:** 110 Lee St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project constructs a new booster pump station and pressure zone on the top of Queen Anne Hill to improve pressure at existing low-pressure water services in the higher elevation areas. The project includes over 12,000 feet of watermain improvements necessary to establish the new pressure zone. The booster pump station will be an underground facility located at the site of the Queen Anne Standpipes. The project also has a side benefit of improving fire flow capacity within the new pressure zone created. Project design is proceeding in conjunction with the Queen Anne Tank project, and the current plan is to combine the two projects into a single construction contract.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	1,045	50	3,018	3,071	0	0	0	0	7,184
<b>Project Total:</b>	1,045	50	3,018	3,071	0	0	0	0	7,184
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,045	50	3,018	3,071	0	0	0	0	7,184
<b>Appropriations Total*</b>	1,045	50	3,018	3,071	0	0	0	0	7,184
<b>O &amp; M Costs (Savings)</b>			10	13	16	16	16	16	87

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

# SPU - Water

## Purveyor Meters Replace - SPU

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2000  
**Project ID:** C1107 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This program replaces SPU wholesale customer meters that are not performing within industry standards of accuracy. The project also funds customer-requested wholesale meter changes and upgrades. For the most part, SPU costs are directly reimbursed by the wholesale customers. The confidence in the cost estimate is medium, and this program does not require the SPU Asset Management Committee review as it is an on-going program.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	3,624	176	103	106	109	113	116	119	4,466
<b>Project Total:</b>	3,624	176	103	106	109	113	116	119	4,466
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	3,624	176	103	106	109	113	116	119	4,466
<b>Appropriations Total*</b>	3,624	176	103	106	109	113	116	119	4,466
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Regional Water Conservation Program

**BCL/Program Name:** Water Supply **BCL/Program Code:** C150B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 1999  
**Project ID:** C1504 **End Date:** 4th Quarter 2010

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project is a cooperative regional project between SPU and 18 of Seattle's wholesale customers. Not all of Seattle's wholesale customers are participating in this project. In some cases, wholesale customers choose to find other ways to manage supply and demand; while in other cases, those wholesale customers do not purchase significant amounts of water from SPU. Fifty percent of the project is paid for from wholesale rates as part of current wholesale contract requirements. The project has the goal of reducing personal and commercial water consumption by one percent per year, which is approximately equal to the projected level of growth in regional water demand over the period 2000 to 2010 (14.5 million gallons per day peak demand savings). The project is required by Seattle's Water System Plan, wholesale contracts, and by City Council adopted legislation, including Resolutions 30091 and 30259 and Ordinance 120532. The confidence level of the cost estimate is high. SPU's Asset Management Committee has approved this project. In the 2005-2010 Adopted CIP, the project ID for this project was C199032.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	15,706	3,300	3,657	4,138	4,535	5,121	5,796	0	42,253
<b>Project Total:</b>	15,706	3,300	3,657	4,138	4,535	5,121	5,796	0	42,253
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	15,706	3,300	3,657	4,138	4,535	5,121	5,796	0	42,253
<b>Appropriations Total*</b>	15,706	3,300	3,657	4,138	4,535	5,121	5,796	0	42,253
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Renton Franchise/Line Valve Cedar River**

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2002  
**Project ID:** C102023 **End Date:** 4th Quarter 2006

**Location:** Cedar River Pipeline

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

In 1998, the Cities of Seattle and Renton signed an agreement that addresses Renton's request that SPU add line valves east of downtown Renton to reduce flooding in the event of a pipeline failure. This project responds to that agreement. Project components include improvement or relocation of pipeline blowoffs, replacement of Cedar River Pipeline 1 & 2 Valves at Leo Street, automation of the I- 405 ball valves, modifications to Augusta Gatehouse, and other miscellaneous work. This certainty of this project cost estimate is high and the project has been approved by SPU's Asset Management Committee

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	1,258	970	15	0	0	0	0	0	2,243
<b>Project Total:</b>	1,258	970	15	0	0	0	0	0	2,243
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,258	970	15	0	0	0	0	0	2,243
<b>Appropriations Total*</b>	1,258	970	15	0	0	0	0	0	2,243
<b>O &amp; M Costs (Savings)</b>			21	27	35	35	0	0	118

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

# SPU - Water

## Replace Air Valve Chambers

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C199060 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program replaces existing valve chamber tops and access chimneys with larger diameter tops and chimneys, and makes minor air valve improvements as needed. The project provides SPU staff with safer access to valves, and complies with industry safety standards. The confidence level in the cost estimate is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	346	61	64	66	66	68	70	72	813
<b>Project Total:</b>	346	61	64	66	66	68	70	72	813
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	346	61	64	66	66	68	70	72	813
<b>Appropriations Total*</b>	346	61	64	66	66	68	70	72	813
<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 in thousands of dollars.*

**Reservoir Covering - Beacon**

**BCL/Program Name:** Water Quality  
**Project Type:** Improved Facility  
**Project ID:** C101060

**BCL/Program Code:** C140B  
**Start Date:** 1st Quarter 2001  
**End Date:** 2nd Quarter 2008

**Location:** S Spokane St./Beacon Ave. S

**Neighborhood Plan:** North Beacon Hill  
**Neighborhood District:** Greater Duwamish

**Neighborhood Plan Matrix:** WR4  
**Urban Village:** Beacon Hill

Per Ordinance 121447, this project replaces the existing 49-million gallon open South Beacon Reservoir with a new underground reservoir of approximately the same size, and rehabilitates the pipes and valves connecting the reservoir to the water system. Additionally, the project retires the existing North Beacon Reservoir. The project helps to protect Seattle's water supply from vandalism and contamination, and improves the quality of life in the surrounding neighborhood by creating approximately 29 acres of open space and avoiding the unsightly appearance of other reservoir covering options. Inflation and higher steel and construction costs are reflected below and the confidence level of the cost estimate is high. SPU's Asset Management Committee has reviewed and approved the reservoir burying program, including this project. Following this project, the Seattle Department of Parks and Recreation (Parks) will expand Jefferson Park over the reservoir site as a 2000 ProParks Levy Project. See the Parks section of the 2006-2011 Proposed CIP for more information on the Jefferson Park Project (K733131).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	882	1,000	8,799	24,411	4,137	0	0	0	39,229
<b>Project Total:</b>	882	1,000	8,799	24,411	4,137	0	0	0	39,229
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	882	1,000	8,799	24,411	4,137	0	0	0	39,229
<b>Appropriations Total*</b>	882	1,000	8,799	24,411	4,137	0	0	0	39,229
<b>O &amp; M Costs (Savings)</b>			0	0	76	76	0	0	152

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

**Reservoir Covering - Lincoln**

**BCL/Program Name:** Water Quality **BCL/Program Code:** C140B  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 1996  
**Project ID:** C196012 **End Date:** 1st Quarter 2008

**Location:** Nagle Pl./E Denny Wy./E Pine St.

**Neighborhood Plan:** Capitol Hill **Neighborhood Plan Matrix:** B3  
**Neighborhood District:** East District **Urban Village:** Capitol Hill

Per Ordinance 121447, this project replaces the existing 21-million gallon Lincoln reservoir with a new concrete cast-in-place 12.5-million gallon underground reservoir. It also changes out the existing gas chlorinating system to a sodium hypochlorite (bleach) system, replaces pipe and valves connecting the new reservoir to the water system, and restores elements of the park site. The project helps to protect drinking water quality, and creates approximately four acres of open space. The project received SPU's Asset Management Committee approval and is essentially complete. The Seattle Department of Parks and Recreation has expanded the Cal Anderson Park over the reservoir as a 2000 Parks Levy project. See the Parks section of the 2006-2011 Proposed CIP for more details on the Cal Anderson project (K733132).

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	18,693	404	21	5	5	0	0	0	19,128
<b>Project Total:</b>	18,693	404	21	5	5	0	0	0	19,128
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	18,693	404	21	5	5	0	0	0	19,128
<b>Appropriations Total*</b>	18,693	404	21	5	5	0	0	0	19,128
<b>O &amp; M Costs (Savings)</b>			43	55	71	91	91	91	442

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

**Reservoir Covering - Maple Leaf**

**BCL/Program Name:** Water Quality **BCL/Program Code:** C140B  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 2001  
**Project ID:** C101078 **End Date:** 3rd Quarter 2013

**Location:** NE 86th St./Roosevelt Wy. NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** Not in an Urban Village

Per Ordinance 121447, this project replaces the existing Maple Leaf Reservoir with a new underground reservoir, and rehabilitates pipelines leading into and out of the reservoir. The project helps to protect Seattle's water supply from vandalism and contamination, and improves the quality of life in the surrounding neighborhood by creating open space and avoiding the unsightly appearance of other reservoir covering options. Funds spent to date have been for design. Inflation and higher steel and construction costs are reflected below and the confidence level of the cost estimate is medium as construction is not scheduled to occur for several years in the future. SPU's Asset Management Committee has reviewed and approved the reservoir burying program, including this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	266	513	2	2	0	303	485	16,476	18,047
<b>Project Total:</b>	266	513	2	2	0	303	485	16,476	18,047
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	266	513	2	2	0	303	485	16,476	18,047
<b>Appropriations Total*</b>	266	513	2	2	0	303	485	16,476	18,047
<b>O &amp; M Costs (Savings)</b>			33	54	69	69	0	0	225

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

**Reservoir Covering - Myrtle**

**BCL/Program Name:** Water Quality  
**Project Type:** Improved Facility  
**Project ID:** C101076

**BCL/Program Code:** C140B  
**Start Date:** 4th Quarter 2001  
**End Date:** 4th Quarter 2007

**Location:** 35th Ave. SW

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** Morgan Junction

Per Ordinance 121447, this project replaces the existing open Myrtle Reservoir with a new underground reservoir of approximately the same size, rehabilitates the pipes and valves connecting the reservoir to the water system, and converts the disinfection system at the reservoir to sodium hypochlorite (bleach). The project helps to protect Seattle's water supply from vandalism and contamination, and improves the quality of life in the surrounding neighborhood by creating open space and avoids the unsightly appearance of other reservoir covering options. Inflation and higher steel and construction costs are reflected below and the confidence level of the cost estimate is high. The SPU Asset Management Committee has reviewed and approved the reservoir burying program, including this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	291	955	2,695	3,325	0	0	0	0	7,266
<b>Project Total:</b>	291	955	2,695	3,325	0	0	0	0	7,266
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	291	955	2,695	3,325	0	0	0	0	7,266
<b>Appropriations Total*</b>	291	955	2,695	3,325	0	0	0	0	7,266
<b>O &amp; M Costs (Savings)</b>			0	0	8	9	0	0	17

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

# SPU - Water

## Reservoir Covering - Volunteer

**BCL/Program Name:** Water Quality **BCL/Program Code:** C140B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2001  
**Project ID:** C101059 **End Date:** 2nd Quarter 2015

**Location:** 12th Ave. E/E Prospect St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** East District

**Urban Village:** Capitol Hill

Per Ordinance 121447, this project replaces the existing Volunteer Reservoir with a new underground reservoir, and rehabilitates pipelines leading into and out of the reservoir. The project helps to protect Seattle's water supply from vandalism and contamination. SPU is also evaluating the possibility of decommissioning this reservoir instead of undergrounding it. This project was the subject of a budget proviso in 2004, which was lifted by Ordinance 121447. Funding provided in 2010 is intended for design work to underground the reservoir, if a decision is made to keep the reservoir in service. Deferring this project until 2010 helps to reduce near-term pressure on water rates, and allows the costs of the overall reservoir burying program to be slowly phased into commercial and residential water rates. The confidence level of the cost estimate is medium since implementation is several years in the future. The SPU Asset Management Committee has reviewed and approved the reservoir burying program, including this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	94	0	0	0	0	0	280	1,247	1,621
<b>Project Total:</b>	94	0	0	0	0	0	280	1,247	1,621
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	94	0	0	0	0	0	280	1,247	1,621
<b>Appropriations Total*</b>	94	0	0	0	0	0	280	1,247	1,621
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**Reservoir Covering - West Seattle**

**BCL/Program Name:** Water Quality **BCL/Program Code:** C140B  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 2001  
**Project ID:** C101075 **End Date:** 3rd Quarter 2010

**Location:** 8th Ave SW/SW Henderson

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** Not in an Urban Village

Per Ordinance 121447, this project replaces the existing West Seattle Reservoir with a new underground reservoir, and rehabilitates pipelines leading into and out of the reservoir. The project helps to protect Seattle's water supply from vandalism and contamination, and improves the quality of life in the surrounding neighborhood by creating open space and avoiding the unsightly appearance of other reservoir covering options. This project was the subject of a budget proviso in 2004, which was lifted by Ordinance 121447. Inflation and higher steel and construction costs are reflected below and the confidence level of the cost estimate is medium as project implementation is not scheduled for a couple years in the future. SPU's Asset Management Committee has reviewed and approved the reservoir burying program, including this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	264	523	284	489	7,203	14,105	5,560	0	28,428
<b>Project Total:</b>	264	523	284	489	7,203	14,105	5,560	0	28,428
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	264	523	284	489	7,203	14,105	5,560	0	28,428
<b>Appropriations Total*</b>	264	523	284	489	7,203	14,105	5,560	0	28,428
<b>O &amp; M Costs (Savings)</b>			0	0	0	17	0	0	17

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

**Rock Creek Fishway**

**BCL/Program Name:** Environmental Stewardship

**BCL/Program Code:** C130B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2002

**Project ID:** C101008

**End Date:** 4th Quarter 2007

**Location:** Lake Youngs

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

In 2000, SPU received notification from the Washington Department of Fish and Wildlife that the culvert crossing under the Lake Young's Aqueduct on Rock Creek, approximately 3.5 miles north of Landsburg, does not comply with existing fish passage requirements. This project provides the following to meet requirements: an independent consultant assessment of the nature and magnitude of fish passage impairment at the current structure; conceptual development of a range of improvement options for the facility; and design, permitting, and construction of the selected improvement option.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	84	22	115	555	0	0	0	0	776
<b>Project Total:</b>	84	22	115	555	0	0	0	0	776
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	84	22	115	555	0	0	0	0	776
<b>Appropriations Total*</b>	84	22	115	555	0	0	0	0	776
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**SeaTac 3 Runway Pipeline Relocation**

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 4th Quarter 1999  
**Project ID:** C199075 **End Date:** 2nd Quarter 2006

**Location:** S 156th Wy./24th Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project relocates the Bow Lake Pipeline away from SeaTac Airport onto a new road along the north perimeter of the airport property. The original pipeline crossed both runways, and was not compatible with the third runway. As a result it was determined that the pipeline should be relocated away from the runways. The Port of Seattle is bearing the majority of the costs, and the amounts shown below are SPU's contribution to the project. The certainty of the cost estimate is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	283	545	3	0	0	0	0	0	831
<b>Project Total:</b>	283	545	3	0	0	0	0	0	831
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	283	545	3	0	0	0	0	0	831
<b>Appropriations Total*</b>	283	545	3	0	0	0	0	0	831
<b>O &amp; M Costs (Savings)</b>			0	3	3	3	3	3	15

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

**Seattle Direct Service Additional Conservation**

**BCL/Program Name:** Water Supply **BCL/Program Code:** C150B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2001  
**Project ID:** C1505 **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program provides additional funding for measures to reduce personal and commercial water consumption in SPU's Direct Service Area for water supply. The program implements Ordinance 120532, adopted in 2001, and supplements funding provided under SPU's Regional Water Conservation Program (C1504). The project is designed in three phases. Phase One works with low-income housing providers; Phase Two works with subsidized and non-subsidized low-income households; and Phase Three works on clothes washers and irrigation system upgrades. Commercial and industrial facility and equipment upgrades are done in all three phases, and may include reclaimed water projects if cost-effective. The confidence level of the cost estimate is low. The SPU Asset Management Committee review is not required for the project. In the 2005-2010 Adopted CIP, the project ID was C102010 for this project.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	952	988	1,018	2,016	2,147	2,250	2,317	2,387	14,075
<b>Project Total:</b>	952	988	1,018	2,016	2,147	2,250	2,317	2,387	14,075
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	952	988	1,018	2,016	2,147	2,250	2,317	2,387	14,075
<b>Appropriations Total*</b>	952	988	1,018	2,016	2,147	2,250	2,317	2,387	14,075
<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 in thousands of dollars.*

**Seattle Monorail Project - Water**

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** New Facility **Start Date:** 1st Quarter 2004  
**Project ID:** C404301-WF **End Date:** 1st Quarter 2006

**Location:** SW Morgan St./NW 85th St.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** In more than one Urban Village

The Seattle Monorail Project (SMP) is planning an initial 14-mile monorail route between Ballard and West Seattle that travels through downtown Seattle. Seattle voters approved the Monorail conceptual plan in November 2002. This project funds planning, design, and coordination with agencies involved in SPU utility relocations associated with implementation of a new monorail. The project does not include funding for construction. An agreement is in place between the SMP and the City in which the former will reimburse the City for all costs incurred by City departments because of the Monorail project. This project is funded by SPU's Drainage & Wastewater and Water Funds. The SMP's Board of Directors has turned down the financing plan proposed for the SMP, and this project's status is uncertain at the time of the 2006 Proposed Budget. As the project's status becomes clear, its display in the CIP may be adjusted. See also the Seattle Monorail Project in the Seattle City Light CIP(8306).

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	122	400	0	0	0	0	0	0	522
<b>Project Total:</b>	122	400	0	0	0	0	0	0	522
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	122	400	0	0	0	0	0	0	522
<b>Appropriations Total*</b>	122	400	0	0	0	0	0	0	522
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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



# SPU - Water

## Seismic Upgrade - Buildings

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 1994  
**Project ID:** C1118 **End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

Under this project, the Broadway, Spokane Street, and Volunteer pump stations, Lincoln, Roosevelt, and Landsburg Tunnel gatehouses, Lake Young's Office and Lake Forest Reservoir Chlorination buildings are seismically upgraded. SPU is evaluating the most economical way of addressing seismic vulnerabilities that have been identified in these facilities, which may consist in some cases of connecting the roofs to the walls. Cost estimates shown below are preliminary and will be revised over time. The SPU Asset Management Committee review is not required.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	1,329	141	170	403	705	732	232	239	3,951
<b>Project Total:</b>	1,329	141	170	403	705	732	232	239	3,951
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,329	141	170	403	705	732	232	239	3,951
<b>Appropriations Total*</b>	1,329	141	170	403	705	732	232	239	3,951
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Seismic Upgrade - Cedar River Pipelines at Ginger Creek

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 1999  
**Project ID:** C197032 **End Date:** 4th Quarter 2008

**Location:** Lake Youngs Wy. SE & Kirkland Wy. SE (Renton)

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project upgrades support systems for Cedar River Pipelines 1, 2, and 3 where they cross a boggy area at Ginger Creek so they can better withstand and remain operational after a medium to large earthquake. The confidence in the cost estimates is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	414	2,105	6	3	3	0	0	0	2,531
<b>Project Total:</b>	414	2,105	6	3	3	0	0	0	2,531
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	414	2,105	6	3	3	0	0	0	2,531
<b>Appropriations Total*</b>	414	2,105	6	3	3	0	0	0	2,531
<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 in thousands of dollars.*

**Seismic Upgrade - Pipeline Backbone**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2001  
**Project ID:** C101038 **End Date:** 4th Quarter 2007

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program makes seismic improvements to the water distribution system, to better ensure water availability following an earthquake. The program includes seismic vulnerability and hydraulic modeling of the system to determine pipeline vulnerabilities, earthquake failure effects on the system, and cost effective mitigation approaches. For budgeting purposes, it is anticipated that approximately 12 isolation valves will be installed at various locations to prevent vulnerable pipelines from draining the system. Types of valves being considered include seismic-actuated, remote controlled and excess flow. The confidence in the cost estimate is medium and the SPU Asset Management Committee review is required for this program.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	325	205	103	1,432	0	0	0	0	2,065
<b>Project Total:</b>	325	205	103	1,432	0	0	0	0	2,065
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	325	205	103	1,432	0	0	0	0	2,065
<b>Appropriations Total*</b>	325	205	103	1,432	0	0	0	0	2,065
<b>O &amp; M Costs (Savings)</b>			0	5	5	5	5	5	25

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

# SPU - Water

## Seismic Upgrade - Tanks

**BCL/Program Name:** Infrastructure

**BCL/Program Code:** C110B

**Project Type:** Improved Facility

**Start Date:** 4th Quarter 1994

**Project ID:** C1120

**End Date:** 4th Quarter 2011

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project makes seismic upgrades to Barton Standpipe, Woodland Park Standpipe, Foy Standpipe, Landsburg Elevated Tanks, Maple Leaf Elevated Tank, Beverly Park Elevated Tank and the Volunteer Park Standpipe. Typical upgrades include improving standpipe anchorage and foundations and adding seismic isolators and strengthening braces of elevated tanks. Under this program to date, SPU has replaced the Charlestown Standpipe, and seismically upgraded the Richmond Highlands Tanks and the Magnolia Tank. Most of the funding allocated for 2005 and 2006 is for construction of Queen Anne Standpipes replacement, which has already been approved by SPU's Asset Management Committee (AMC). Seismic upgrades to the remaining tank and standpipes have not yet been approved by the AMC. It is anticipated that some of the facilities listed may not be upgraded as the cost of the upgrades may outweigh the benefit of the facility to the water system. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	6,580	1,445	1,591	4,010	2,748	2,848	2,620	2,699	24,541
<b>Project Total:</b>	6,580	1,445	1,591	4,010	2,748	2,848	2,620	2,699	24,541
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	6,580	1,445	1,591	4,010	2,748	2,848	2,620	2,699	24,541
<b>Appropriations Total*</b>	6,580	1,445	1,591	4,010	2,748	2,848	2,620	2,699	24,541
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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

**2006-2011 Proposed Capital Improvement Program**

**Shared Opportunity Projects - Water**

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2005  
**Project ID:** C405603-WF **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides funding for a preliminary assessment of emerging demands that may develop during the year, such as shared fund water, drainage and wastewater, and solid waste projects, emergency repairs or actions to comply with enforcement orders by regulatory agencies. Funding is used to develop scopes, budgets and schedules for new projects to be included in subsequent CIP proposals. For projects that cannot wait until the next funding cycle, SPU uses these funds to prepare background documentation to seek City Council approval for project design and construction in the year it wants the project to begin. New projects that are developed from these funds are reviewed and approved by SPU's capital planning committees. The committees review expenditures on a monthly basis and establish priorities among projects. In the 2005-2010 Adopted CIP, the project ID for this project was C4NW106-005-WF.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	100	0	103	105	108	110	110	636
<b>Project Total:</b>	0	100	0	103	105	108	110	110	636
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	100	0	103	105	108	110	110	636
<b>Appropriations Total*</b>	0	100	0	103	105	108	110	110	636
<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 in thousands of dollars.*

# SPU - Water

## SLU - Watermain Replacement/South Lake Union Park

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Improved Facility **Start Date:** 4th Quarter 2004  
**Project ID:** C104035 **End Date:** 4th Quarter 2006

**Location:** South Lake Union

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Lake Union **Urban Village:** South Lake Union

This project replaces an existing watermain during the South Lake Union Park Redevelopment. This work includes the design and construction of a 750-foot eight-inch watermain along Terry Avenue N. from the intersection of Valley St. N. This watermain has a high incidence of leaks and, when combined with the park construction, the leak or failure rate of the water could increase. See also the South Lake Union Park - Development project (K733134) in the Department of Parks and Recreation CIP. The confidence level of the planning phase cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	155	10	0	0	0	0	0	165
<b>Project Total:</b>	0	155	10	0	0	0	0	0	165
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	155	10	0	0	0	0	0	165
<b>Appropriations Total*</b>	0	155	10	0	0	0	0	0	165
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## SLU Watermain - Utility Coordination

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2004  
**Project ID:** C104036 **End Date:** 4th Quarter 2008

**Location:** South Lake Union

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Lake Union **Urban Village:** South Lake Union

This project funds planning level coordination with other City departments on projects within the South Lake Union area. This effort identifies SPU water system direct impacts, opportunities for system improvements and cost responsibility. As specific water system impacts are identified, then a separate project number will be created to track the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	24	71	62	32	33	0	0	0	222
<b>Project Total:</b>	24	71	62	32	33	0	0	0	222
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	24	71	62	32	33	0	0	0	222
<b>Appropriations Total*</b>	24	71	62	32	33	0	0	0	222
<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 in thousands of dollars.*

**Sound Transit Light Rail - Water**

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** New Facility **Start Date:** 1st Quarter 2003  
**Project ID:** C4104-WF **End Date:** 4th Quarter 2009

**Location:** Martin Luther King Jr. Wy. S/S Walden St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** In more than one Urban Village

This program funds SPU's costs related to Sound Transit's planning, design and construction of the Central Link Light Rail system. Sound Transit proposes to construct and operate this electrical light rail transit system, which includes more than 14 miles of alignment. The first phase of Sound Transit's project constructs a light rail segment from the Convention Place Station to South 154th Street near Seattle/Tacoma Airport. The City of Seattle, including SPU, has an ongoing agreement for reimbursement from Sound Transit. See also Sound Transit projects in the City Light (8204) and Seattle Department of Transportation (TC36631) CIPs. In the 2005-2010 Adopted CIP, the project ID for this project was C404401-WF.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	890	2,172	762	633	299	11	0	0	4,767
<b>Project Total:</b>	890	2,172	762	633	299	11	0	0	4,767
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	890	2,172	762	633	299	11	0	0	4,767
<b>Appropriations Total*</b>	890	2,172	762	633	299	11	0	0	4,767
<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 in thousands of dollars.*

**Sound Transit Light Rail - Water Betterment**

**BCL/Program Name:** Shared Cost Projects **BCL/Program Code:** C410B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2005  
**Project ID:** C405430 **End Date:** 4th Quarter 2008

**Location:** Regional

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This project provides funding for “opportunity” water system improvements as Sound Transit implements the Link Light Rail Project. In addition, this project provides funding for shared cost improvements by SPU (Water Fund) and Sound Transit where there is a mutual benefit. These improvements include instances where water system relocation or replacement is not a direct impact of Sound Transit’s Light Rail Project; where SPU and Sound Transit both benefit from an agreement to share the cost of replacements; or where replacing aging water system infrastructure while Sound Transit implements their project creates logistical efficiencies for SPU. The project area is along the present 14-mile light rail alignment in the City of Seattle and King County. The confidence level of current cost estimates is medium. An agreement authorizing all City services related to Sound Transit Light Rail construction (Sound Transit Construction Services Agreement) was adopted via Ordinance 121312 in July 2003. Sound Transit intends to issue task orders authorizing multiple years of City service for each contract segment. For information on other City department involvement see the Sound Transit projects in the City Light (8204) and Seattle Department of Transportation (TC36631) CIPs. In the 2005-2010 Adopted CIP, the project ID for this project was C4NW104-WF.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	1,400	1,452	764	219	0	0	0	3,835
<b>Project Total:</b>	0	1,400	1,452	764	219	0	0	0	3,835
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	1,400	1,452	764	219	0	0	0	3,835
<b>Appropriations Total*</b>	0	1,400	1,452	764	219	0	0	0	3,835
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Stream & Riparian Restoration**

**BCL/Program Name:** Habitat Conservation Program

**BCL/Program Code:** C160B

**Project Type:** Rehabilitation or Restoration

**Start Date:** 2nd Quarter 2000

**Project ID:** C1602

**End Date:** Ongoing

**Location:** Cedar River

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

Stream and Riparian Restoration is a category of projects within the Cedar River Habitat Conservation Plan (HCP) that involves mitigation related to streams and forests adjacent to streams and other aquatic habitats. Projects include streambank stabilization, streamside revegetation, large woody debris placement, conifer under-planting, restoration thinning, ecological thinning, stream-crossing projects to improve flow patterns, stream-crossing improvements to re-establish fish passage, and bull trout habitat studies. SPU's Asset Management Committee approved the HCP at the program level. The confidence level for this project cost estimate is high.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	2,348	837	890	832	861	661	680	701	7,810
<b>Project Total:</b>	2,348	837	890	832	861	661	680	701	7,810
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	2,348	837	890	832	861	661	680	701	7,810
<b>Appropriations Total*</b>	2,348	837	890	832	861	661	680	701	7,810
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Tolt Bridges

**BCL/Program Name:** Infrastructure

**BCL/Program Code:** C110B

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2004

**Project ID:** C1131

**End Date:** 4th Quarter 2007

**Location:** Tolt River Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project replaces three deteriorated bridges in the Tolt River Watershed. A 2003 cost/benefit analysis determined that access is needed and the existing bridges are no longer able to carry the required loading, resulting in safety and environmental risks. This project combines the following projects: Tolt Bridge Replacement - Dorothy Creek, Siwash Creek and Chuck Judd Creek. The confidence level of the current cost estimate is medium. The SPU Asset Management Committee review is not required at this time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	61	6	22	350	0	0	0	0	439
<b>Project Total:</b>	61	6	22	350	0	0	0	0	439
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	61	6	22	350	0	0	0	0	439
<b>Appropriations Total*</b>	61	6	22	350	0	0	0	0	439
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	3	18

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**2006-2011 Proposed Capital Improvement Program**

**Tolt Fisheries Mitigation**

**BCL/Program Name:** Environmental Stewardship

**BCL/Program Code:** C130B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2004

**Project ID:** C104057

**End Date:** 4th Quarter 2007

**Location:** South Fork Tolt River

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project funds fish habitat conservation efforts on the South Fork Tolt River based on an agreement between the Tolt Fisheries Advisory Groups and the City of Seattle. This project funds SPU's spending obligation pursuant to the 1989 Tolt Settlement Agreement for the federal relicensing of the South Fork Tolt Dam. The allocation of this funding is under the management of the interagency Tolt Fish Advisory Committee (TFAC). In 2004, a project to place large woody debris in the South Fork Tolt River was approved by TFAC and is now in the planning stages. This project improves habitat conditions for salmon and steelhead in the river.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	47	185	44	64	0	0	0	0	340
<b>Project Total:</b>	47	185	44	64	0	0	0	0	340
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	47	185	44	64	0	0	0	0	340
<b>Appropriations Total*</b>	47	185	44	64	0	0	0	0	340
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Tolt Instrument and Warning Upgrade**

**BCL/Program Name:** Infrastructure

**BCL/Program Code:** C110B

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 1999

**Project ID:** C1AA012

**End Date:** Ongoing

**Location:** Tolt Dam

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project replaces outmoded equipment and improves the reliability of the required Tolt Instrument and Warning System for detecting dam failure. The project cost estimate has a high confidence level. Because this project is in construction, no approval by SPU's Asset Management Committee is required.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	1,903	47	47	28	28	30	32	33	2,148
<b>Project Total:</b>	1,903	47	47	28	28	30	32	33	2,148
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,903	47	47	28	28	30	32	33	2,148
<b>Appropriations Total*</b>	1,903	47	47	28	28	30	32	33	2,148
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Tolt Pipeline 1 Cathodic Protection**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 1999  
**Project ID:** C100063 **End Date:** 1st Quarter 2006

**Location:** Between Tolt Treatment Facility and Kelly Rd.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project installs an impressed current cathodic protection system on approximately 3.5 miles of the original Tolt Pipeline No. 1 between the new Tolt Treatment Facility and Kelly Road to extend the pipeline’s useful life. The pipeline west of the project location has already been replaced. The project includes electrically connecting the 20-foot long individual pipe sections, and installing deep wells to create an electrical circuit and apply voltage to the pipe. The confidence level of the cost estimate is high, and the SPU Asset Management Committee has approved the project. In the 2005-2010 Adopted CIP, the project title for this project was “Cathodic Phase V”.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	1,184	248	5	0	0	0	0	0	1,437
<b>Project Total:</b>	1,184	248	5	0	0	0	0	0	1,437
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,184	248	5	0	0	0	0	0	1,437
<b>Appropriations Total*</b>	1,184	248	5	0	0	0	0	0	1,437
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Tolt Pipeline 2 II & III East of Tieline**

**BCL/Program Name:** Water Supply **BCL/Program Code:** C150B  
**Project Type:** Improved Facility **Start Date:** 3rd Quarter 1987  
**Project ID:** C100084 **End Date:** 4th Quarter 2008

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

Tolt Pipeline No. 2 has been planned as a 25-mile second regional supply pipeline for the Tolt system, ranging in diameter from 54 to 87 inches, and to be constructed in several phases over a period of decades. Phases II and III include installation of eight miles of 60-, 75- and 81-inch diameter welded steel pipeline between Duvall and Redmond along a different route than the original. The project is essentially complete and in service, with environmental restoration and monitoring activities required by permits continuing for several more years. The confidence level in the cost estimate is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	28,067	73	33	23	13	0	0	0	28,209
<b>Project Total:</b>	28,067	73	33	23	13	0	0	0	28,209
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	28,067	73	33	23	13	0	0	0	28,209
<b>Appropriations Total*</b>	28,067	73	33	23	13	0	0	0	28,209
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	60

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



# SPU - Water

## Tolt Pipeline I - Phase 3 - B

**BCL/Program Name:** Water Supply **BCL/Program Code:** C150B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 1999  
**Project ID:** C199003 **End Date:** 4th Quarter 2008

**Location:** Tolt Pipeline

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project is part of a long-term plan to rehabilitate or replace the Tolt Pipeline I. To date, four sections of the pipeline (totaling approximately 12 miles) have been re-lined with a smaller pipe or replaced. This project rehabilitates the last remaining higher-risk section of the original pipeline where it crosses the Snoqualmie River Valley for a length of about one mile. The confidence level in the cost estimate is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	756	4,894	9	5	5	0	0	0	5,669
<b>Project Total:</b>	756	4,894	9	5	5	0	0	0	5,669
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	756	4,894	9	5	5	0	0	0	5,669
<b>Appropriations Total*</b>	756	4,894	9	5	5	0	0	0	5,669
<b>O &amp; M Costs (Savings)</b>			6	8	10	10	10	10	54

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**2006-2011 Proposed Capital Improvement Program**

**Tolt Pipeline II - Phase 4**

**BCL/Program Name:** Water Supply **BCL/Program Code:** C150B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 1995  
**Project ID:** C194029 **End Date:** 4th Quarter 2007

**Location:** Tolt Pipeline Right of Way

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

Tolt Pipeline II is a 25-mile second regional supply pipeline for the Tolt system, ranging in diameter from 54 to 87 inches. This new pipeline improves the reliability of the Tolt system, allows rehabilitation of remaining portions of Tolt Pipeline I, enhances operational flexibility, increases reliability of the system during a major flood, landslide, or earthquake, and provides increased capacity. Phase 4 included the installation of six miles of 54-inch and 60-inch diameter welded steel pipeline. The project is essentially complete and in service, with environmental restoration and monitoring activities required by permits continuing on for several more years. The confidence level in the cost estimate is high, and SPU's Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	31,585	55	43	28	0	0	0	0	31,711
<b>Project Total:</b>	31,585	55	43	28	0	0	0	0	31,711
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	31,585	55	43	28	0	0	0	0	31,711
<b>Appropriations Total*</b>	31,585	55	43	28	0	0	0	0	31,711
<b>O &amp; M Costs (Savings)</b>			15	19	24	24	25	27	134

**Tolt River Watershed Road Improvements**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 1996  
**Project ID:** C196007 **End Date:** 4th Quarter 2011

**Location:** Tolt Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project provides drainage and other road improvements on portions of the 70 miles of forest roads in the South Fork Tolt River Watershed. The confidence level of the current cost estimate is medium.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	203	170	175	186	191	197	203	209	1,534
<b>Project Total:</b>	203	170	175	186	191	197	203	209	1,534
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	203	170	175	186	191	197	203	209	1,534
<b>Appropriations Total*</b>	203	170	175	186	191	197	203	209	1,534
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Tolt Watershed Management Plan**

**BCL/Program Name:** Environmental Stewardship **BCL/Program Code:** C130B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2005  
**Project ID:** C105083 **End Date:** 4th Quarter 2010

**Location:** Tolt River Watershed

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project develops a Tolt Watershed Management Plan to bring operations in the Tolt municipal watershed area into alignment with the operation of other major watershed facilities, and to provide guidance for a wide array of management activities into the future. Major elements addressed in the plan include forestland management, facility security and protection, road maintenance and operations, and fish and wildlife management. Historically, water supply and watershed management operations have been undertaken in the Tolt Watershed area with little formal written protocol or management guidance. In the 2005-2010 Adopted CIP, the project ID was C1NW301-002 for this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	300	206	212	219	113	116	0	1,166
<b>Project Total:</b>	0	300	206	212	219	113	116	0	1,166
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	300	206	212	219	113	116	0	1,166
<b>Appropriations Total*</b>	0	300	206	212	219	113	116	0	1,166
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Transmission Pipelines Rehabilitation**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2005  
**Project ID:** C1127 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District **Urban Village:** Not in an Urban Village

This program repairs and upgrades water transmission pipes as deficiencies are identified. The confidence level of the current cost estimate is low, and the SPU Asset Management Committee review is not required as it is an on-going program.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	500	103	1,061	1,093	1,126	1,159	1,194	6,236
<b>Project Total:</b>	0	500	103	1,061	1,093	1,126	1,159	1,194	6,236
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	500	103	1,061	1,093	1,126	1,159	1,194	6,236
<b>Appropriations Total*</b>	0	500	103	1,061	1,093	1,126	1,159	1,194	6,236
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Treatment & Transmission Project Development**

**BCL/Program Name:** Water Supply **BCL/Program Code:** C150B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2005  
**Project ID:** C1NW501-008 **End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides funds for performing planning level work in SPU's Treatment and Transmission System business area prior to the formation of specific capital projects. This work includes policy analysis and program development to deal with issues related to the management of the distribution system.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	0	100	41	106	109	113	116	119	704
<b>Project Total:</b>	0	100	41	106	109	113	116	119	704
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	100	41	106	109	113	116	119	704
<b>Appropriations Total*</b>	0	100	41	106	109	113	116	119	704
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**W Duwamish Waterway Tunnel/Rails**

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2003  
**Project ID:** C194034 **End Date:** 1st Quarter 2006

**Location:** SW Spokane St.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Greater Duwamish **Urban Village:** Not in an Urban Village

This work is implemented as part of an agreement between SPU and the King County Department of Natural Resources and Parks for the W Duwamish Waterway Tunnel Crossing and the project relocates a watermain. SPU's obligation under the interagency agreement governing this project includes site restoration for the project staging area.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	153	50	52	0	0	0	0	0	255
<b>Project Total:</b>	153	50	52	0	0	0	0	0	255
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	153	50	52	0	0	0	0	0	255
<b>Appropriations Total*</b>	153	50	52	0	0	0	0	0	255
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**Water Design Standards & Guideline Program**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 2nd Quarter 2002  
**Project ID:** C102028 **End Date:** 4th Quarter 2008

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project creates detailed design standards for various types of water facilities, to streamline future design efforts, reduce costs, and increase the quality of future new facilities. The confidence level in the cost estimate is high, and the SPU Asset Management Committee has approved the first phase of the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	115	200	258	265	273	0	0	0	1,111
<b>Project Total:</b>	115	200	258	265	273	0	0	0	1,111
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	115	200	258	265	273	0	0	0	1,111
<b>Appropriations Total*</b>	115	200	258	265	273	0	0	0	1,111
<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 in thousands of dollars.*

# SPU - Water

## Water Infrastructure - Hydrant Replacement/Relocation

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C1110 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program replaces older and damaged hydrants to ensure a reliable and adequate supply of water for fire protection. The Seattle Fire Department provides SPU with information on hydrants that are found to be malfunctioning. Other repairs or replacements occur when hydrants are damaged by vehicles. On average, the Department repairs or replaces between seven and 25 hydrants per year. This project is in a preliminary phase of development and cost estimates will be revised over time, reflecting uncertainty about how many hydrants will be found to be malfunctioning in a given year. The SPU Asset Management Committee has approved the project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	2,247	222	233	240	247	254	262	270	3,975
<b>Project Total:</b>	2,247	222	233	240	247	254	262	270	3,975
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	2,247	222	233	240	247	254	262	270	3,975
<b>Appropriations Total*</b>	2,247	222	233	240	247	254	262	270	3,975
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Water Infrastructure - New Hydrants

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** New Facility **Start Date:** Ongoing  
**Project ID:** C1112 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program provides new fire hydrants citywide. The number of new hydrants installed each year varies with demand. The confidence level of the cost estimate is medium as the Seattle Fire Department determines the number of hydrants that should be added. The project has been approved by the SPU Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	161	64	12	13	13	14	14	14	305
<b>Project Total:</b>	161	64	12	13	13	14	14	14	305
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	161	64	12	13	13	14	14	14	305
<b>Appropriations Total*</b>	161	64	12	13	13	14	14	14	305
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Water Infrastructure - New Taps

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** New Facility **Start Date:** Ongoing  
**Project ID:** C1113 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program installs new water service lines (taps) from the City watermain to customers' property lines. Taps are usually installed within an average of six weeks following a customer's request. The confidence level of the current cost estimate is medium as the number of taps is dependent upon customer requests. The SPU Asset Management Committee has approved this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	33,704	3,601	3,708	3,819	3,934	4,052	4,173	4,299	61,290
<b>Project Total:</b>	33,704	3,601	3,708	3,819	3,934	4,052	4,173	4,299	61,290
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	33,704	3,601	3,708	3,819	3,934	4,052	4,173	4,299	61,290
<b>Appropriations Total*</b>	33,704	3,601	3,708	3,819	3,934	4,052	4,173	4,299	61,290
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Water Infrastructure - Service Renewal

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C1109 **End Date:** Ongoing

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program replaces water service lines that are substandard, leaking, or have outlived their useful life, and disconnects service lines that are no longer required. The confidence level of the current cost estimate is medium. The Asset Management Committee has approved this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	43,294	5,123	5,315	5,489	5,654	5,823	5,998	6,178	82,874
<b>Project Total:</b>	43,294	5,123	5,315	5,489	5,654	5,823	5,998	6,178	82,874
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	43,294	5,123	5,315	5,489	5,654	5,823	5,998	6,178	82,874
<b>Appropriations Total*</b>	43,294	5,123	5,315	5,489	5,654	5,823	5,998	6,178	82,874
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Water Infrastructure - Watermain Extensions

<b>BCL/Program Name:</b> Infrastructure	<b>BCL/Program Code:</b> C110B
<b>Project Type:</b> New Facility	<b>Start Date:</b> Ongoing
<b>Project ID:</b> C1111	<b>End Date:</b> Ongoing

**Location:** 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 Watermain Extension Program assists private developers to install new standard watermains and fire hydrants to serve properties that are being developed or re-developed. Once constructed and commissioned, new watermains are turned over to SPU to own, operate, and maintain. Costs incurred by SPU under this program are almost fully reimbursed by the parties triggering the need for the new watermains. The confidence level of the current cost estimate is medium, and the program has been approved by the Asset Management Committee.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	7,586	1,191	1,030	1,061	1,093	1,126	1,159	1,194	15,440
<b>Project Total:</b>	7,586	1,191	1,030	1,061	1,093	1,126	1,159	1,194	15,440
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	7,586	1,191	1,030	1,061	1,093	1,126	1,159	1,194	15,440
<b>Appropriations Total*</b>	7,586	1,191	1,030	1,061	1,093	1,126	1,159	1,194	15,440
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Water Infrastructure - Watermain Replacement**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2001  
**Project ID:** C1104 **End Date:** 2nd Quarter 2006

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program systematically replaces older water distribution pipes to reduce leakage and watermain breaks and improve water quality and fire protection. Targeted watermains are prioritized and scheduled for replacement in groups to maintain a steady volume of work and to facilitate quality design and construction management. This program typically only considered replacement of the pipes as the way to improve their performance, and ended in its current form in 2003. Several other targeted programs, including the Watermain Rehabilitation Program (C1129), which began in 2004, include the scope of the Watermain Replacement Program. These other programs implement a broader range of cost effective methods for improving pipe performance, including cleaning and re-lining pipes, retiring pipes and replacing them with longer service lines, and options. The confidence level of the cost estimates is high, and the SPU's Asset Management Committee has approved the program.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	16,074	339	12	0	0	0	0	0	16,425
<b>Project Total:</b>	16,074	339	12	0	0	0	0	0	16,425
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	16,074	339	12	0	0	0	0	0	16,425
<b>Appropriations Total*</b>	16,074	339	12	0	0	0	0	0	16,425
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Water Infrastructure -Tank Site Remediation

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 4th Quarter 1995  
**Project ID:** C1114 **End Date:** 4th Quarter 2008

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program cleans up soil and other contamination on adjacent private properties around some of Seattle Public Utilities' steel water tank sites. The contamination is typically due to lead-based paint and arsenic used in prior sand blasting operations. The contamination of the soil around the SPU tank sites is cleaned up during either the seismic upgrades or tank painting program unless those project timelines warrant earlier action by the utility.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	1,350	320	309	318	328	0	0	0	2,625
<b>Project Total:</b>	1,350	320	309	318	328	0	0	0	2,625
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,350	320	309	318	328	0	0	0	2,625
<b>Appropriations Total*</b>	1,350	320	309	318	328	0	0	0	2,625
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Water Resources Project Development**

**BCL/Program Name:** Water Supply **BCL/Program Code:** C150B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2005  
**Project ID:** C105100 **End Date:** Ongoing

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

This project supports the development of improvements in SPU’s Water Resources Business Area through the preparation of Project Development Plans. Project proposals, including supporting cost-benefit analyses, are reviewed and approved by SPU’s Capital Planning Committee. Staff then develops a Project Development Plan for approval by SPU’s Asset Management Committee. Documentation is prepared and budget implications are identified. This project is in a preliminary phase of development and cost estimates will be revised over time. In the 2005-2010 Adopted CIP, the project ID for this project was C1NW501-009.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	100	103	106	109	113	116	119	766
<b>Project Total:</b>	0	100	103	106	109	113	116	119	766
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	100	103	106	109	113	116	119	766
<b>Appropriations Total*</b>	0	100	103	106	109	113	116	119	766
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Water System Dewatering**

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** C1105 **End Date:** Ongoing

**Location:** Regional

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program improves the configuration and operation of approximately 200 blowoffs. Blowoffs are valves and piping located at low points in water pipelines used to drain or flush the line for emergency or maintenance operations. The program's goals include: minimizing flooding damage to downstream private development due to blowoff operations; addressing the discharge of water into sensitive streams; requiring monitoring and treatment for impacts due to chlorine, pH, and turbidity; eliminating possible cross-connections; and addressing improvements to water courses to reduce erosion or other damage caused by blowoff operations. The programmatic approach and criteria have been approved by the SPU's Asset Management Committee (AMC). Each individual location is reviewed by the AMC for approval; a few sites have been already approved. This project is in a preliminary phase of development and cost estimates will be revised over time.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	1,767	1,056	58	371	382	394	406	418	4,852
<b>Project Total:</b>	1,767	1,056	58	371	382	394	406	418	4,852
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	1,767	1,056	58	371	382	394	406	418	4,852
<b>Appropriations Total*</b>	1,767	1,056	58	371	382	394	406	418	4,852
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Water System Plan - 2007

**BCL/Program Name:** Water Supply **BCL/Program Code:** C150B  
**Project Type:** New Investment **Start Date:** 2nd Quarter 2004  
**Project ID:** C103058 **End Date:** 1st Quarter 2007

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

State regulations require water utilities to submit a new comprehensive water system plan every six years as a condition of state utility operating permit renewal. This project funds work on an environmental review and updated Comprehensive Water System Plan to commence in 2004 and finish 2007. SPU's Asset Management Committee has approved this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	85	430	399	28	0	0	0	0	942
<b>Project Total:</b>	85	430	399	28	0	0	0	0	942
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	85	430	399	28	0	0	0	0	942
<b>Appropriations Total*</b>	85	430	399	28	0	0	0	0	942
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

## Water System Plan - 2013

**BCL/Program Name:** Water Supply **BCL/Program Code:** C150B  
**Project Type:** New Investment **Start Date:** 3rd Quarter 2009  
**Project ID:** C1NW501-006 **End Date:** 3rd Quarter 2013

**Location:** N/A

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District **Urban Village:** Not in an Urban Village

State regulations require water utilities to submit a new comprehensive water system plan every six years as a condition of state utility operating permit renewal. This project funds work on an environmental review and updated Comprehensive Water System Plan, to commence in 2009 and finish 2013. This project is in a preliminary phase of development and cost estimates will be revised over time, as the scope of the plan is clarified.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	0	0	0	0	50	104	179	333
<b>Project Total:</b>	0	0	0	0	0	50	104	179	333
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	0	0	0	0	50	104	179	333
<b>Appropriations Total*</b>	0	0	0	0	0	50	104	179	333
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# SPU - Water

## Water System Security Improvement

**BCL/Program Name:** Water Quality **BCL/Program Code:** C140B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2002  
**Project ID:** C1405 **End Date:** 4th Quarter 2006

**Location:** Citywide

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** Not in an Urban Village

This project responds to a demand for increased security and water quality protection at SPU facilities. The project includes key card installation at pump stations, improved signage, key and fence upgrades, physical hardening of critical infrastructure at water treatment facilities and facility gates, and improving communications systems at various facilities.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	3,348	5,326	5,694	0	0	0	0	0	14,368
<b>Project Total:</b>	3,348	5,326	5,694	0	0	0	0	0	14,368
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	3,348	5,326	5,694	0	0	0	0	0	14,368
<b>Appropriations Total*</b>	3,348	5,326	5,694	0	0	0	0	0	14,368
<b>O &amp; M Costs (Savings)</b>			200	250	300	350	350	350	1,800

## Watermain Rehabilitation

**BCL/Program Name:** Infrastructure **BCL/Program Code:** C110B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2004  
**Project ID:** C1129 **End Date:** Ongoing

**Location:** Regional

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

This program utilizes asset management principles to provide sustainability of the water main distribution system infrastructure at the lowest life cycle costs. Pipes are replaced when the cost of continued repairs exceeds the replacement cost. Alternative methods of rehabilitation, such as clean and cement mortar lining, are utilized when appropriate, to provide a more cost effective option while reducing the impacts to the surrounding community. Other customer levels of service, such as pressure and fire flow, may drive water main improvements, either by regulation or where cost effective.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	344	1,366	2,369	4,144	4,268	4,396	4,528	4,664	26,079
<b>Project Total:</b>	344	1,366	2,369	4,144	4,268	4,396	4,528	4,664	26,079
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	344	1,366	2,369	4,144	4,268	4,396	4,528	4,664	26,079
<b>Appropriations Total*</b>	344	1,366	2,369	4,144	4,268	4,396	4,528	4,664	26,079
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**Westlake Ave. Watermain Decommissioning**

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Rehabilitation or Restoration **Start Date:** 1st Quarter 2006  
**Project ID:** C1NW201-002 **End Date:** 1st Quarter 2007

**Location:** Westlake Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Lake Union **Urban Village:** South Lake Union

This project transfers water services from Westlake Avenue between Olive and Denny to adjacent watermain allowing this section of watermain to be abandoned. This work is coordinated with the construction of the South Lake Union Streetcar.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	0	0	1,957	21	0	0	0	0	1,978
<b>Project Total:</b>	0	0	1,957	21	0	0	0	0	1,978
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	0	0	1,957	21	0	0	0	0	1,978
<b>Appropriations Total*</b>	0	0	1,957	21	0	0	0	0	1,978
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

**WSDOT Sound Walls**

**BCL/Program Name:** Other Agencies **BCL/Program Code:** C120B  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2004  
**Project ID:** C104019 **End Date:** 2nd Quarter 2005

**Location:** I-5/E Roanoke

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** East District **Urban Village:** Not in an Urban Village

This project responds to utility impacts by the Washington State Department of Transportation's project to install sound walls along the I-5 corridor near E Roanoke St. The project design has been modified to have a low level of construction activities monitoring and some water service relocations may be needed. The project is implemented in phases and the current construction phase has little to no impact on the City utilities.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Water Rates	6	20	0	0	0	0	0	0	26
<b>Project Total:</b>	6	20	0	0	0	0	0	0	26
<b>Fund Appropriations/Allocations</b>									
SPU Water Fund	6	20	0	0	0	0	0	0	26
<b>Appropriations Total*</b>	6	20	0	0	0	0	0	0	26
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# **INFORMATION TECHNOLOGY**



# INFORMATION TECHNOLOGY

## Overview of Facilities and Programs

The Department of Information Technology (DoIT) builds, manages, and maintains City government information technology infrastructure – radio, telephone, and computer networks that are used by other City departments to serve constituents. DoIT also manages the City’s central data center, which houses most of the computer servers used by City departments, and directs the development of certain computer applications projects on behalf of other departments, primarily the public safety departments – Police and Fire.

The Capital Improvement Program (CIP) supports the Department’s mission by providing for technology major upgrades and improvements to the City’s existing networks and systems. It funds, for example, upgrades to the data and communications infrastructure, fiber optic links, major improvements in the public safety radio network, and new computer applications such as computer aided dispatch systems for Police and Fire.

### Highlights

The Department’s 2006 – 2011 Proposed CIP provides for the following projects:

- Planning, repair, construction, and modification of various improvements to the City’s data and communications infrastructure;
- Installation of additional fiber optic cable links and spurs to various locations, including Seattle schools and under-served areas such as south and southeast Seattle;
- Replacement of software, hardware and electronics in the City’s telephone and data network to introduce improved service and features that will be useful to City employees and constituents, specifically for 24-hour-a-day access to City services;
- Development and implementation of a replacement records management (RMS) computer system for the Seattle Police Department;
- Development and implementation of a replacement computer-aided dispatch (CAD) computer system for the Seattle Police Department; and
- Planning and acquisition of a message switch for public safety agencies.

## Project Selection Process

DoIT selects infrastructure projects based upon the following criteria and priorities:

**Project Identification:** DoIT staff work with departmental program directors as well as Citywide governing boards including the Information Technology Business Management Council, the Public Safety Board, and the Urban Area Security Grant Technical Assistance Working Group to identify potential projects. The criteria for project selection includes opportunities to enhance public safety agencies’ response to emergencies; improve reliability of public safety technology systems; increase the availability of services to constituents with the goal of providing service delivery 24 hours a day, seven days a week; updating the City’s major hardware and software systems; and increasing urban area security by implementing federal government technology and public safety security grants.

**Project Selection:** DoIT departmental program directors work with guidance from Citywide governance boards to review the list of potential projects and determine which projects best fit the list of CIP project criteria.

# INFORMATION TECHNOLOGY

**Project Scheduling and Budgeting:** After the project list is refined, DoIT works with the Department of Finance to enter the selected projects into the capital budget system. The budget system tracks each project and allows staff to cross-check projects against Mayoral and Council priorities.

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

A significant portion of the Department's operating budget is devoted to operating and maintaining CIP projects. Some CIP projects generate Operations and Maintenance (O&M) savings.

# Information Technology

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Technology Infrastructure</b>									<b>BCL/Program Code: D3300</b>	
800 MHz Radio Network Program	D3RNRS	2,158	1,292	762	0	13,130	100	0	0	<b>17,442</b>
Data and Telephone Program	COMMIN FRA	1,381	1,192	1,500	1,500	1,500	1,500	1,500	1,500	<b>11,573</b>
Equipment and Infrastructure Protection	UASI05	0	467	0	0	0	0	0	0	<b>467</b>
Fiber Optic Communication Installation and Maintenance	FIBER	1,613	2,500	2,500	1,000	1,000	1,000	1,000	1,000	<b>11,613</b>
Information Technology Disaster Recovery Test of Mission Critical Applications	REGION6	0	657	0	0	0	0	0	0	<b>657</b>
Seattle Justice Information Systems	SEAJIS	972	200	0	0	0	0	0	0	<b>1,172</b>
Seattle Police Department Computer Aided Dispatch	SPDCAD	263	2,965	0	0	0	0	0	0	<b>3,228</b>
Seattle Police Department Message Switch	SPDMES S	0	1,875	0	0	0	0	0	0	<b>1,875</b>
Seattle Police Department Record Management System	SPDRMS	1,619	3,600	0	0	0	0	0	0	<b>5,219</b>
Seattle Urban Area Communications Interoperability	UACOM M04	527	1,473	0	0	0	0	0	0	<b>2,000</b>
Technology Infrastructure Security Enhancements	UASI04	223	1,832	0	0	0	0	0	0	<b>2,055</b>
Urban Area Security Initiative for Wideband Wireless Pilot and Fiber	UASI404	0	760	0	0	0	0	0	0	<b>760</b>
<b>Total for BCL Technology Infrastructure</b>		<b>8,756</b>	<b>18,813</b>	<b>4,762</b>	<b>2,500</b>	<b>15,630</b>	<b>2,600</b>	<b>2,500</b>	<b>2,500</b>	<b>58,061</b>
<b>Department Total</b>		<b>8,756</b>	<b>18,813</b>	<b>4,762</b>	<b>2,500</b>	<b>15,630</b>	<b>2,600</b>	<b>2,500</b>	<b>2,500</b>	<b>58,061</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Information Technology

## Fund Summary

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
2002B LTGO Capital Project Fund	179	4,666	0	0	0	0	0	0	4,845
Information Technology Operating Fund	8,577	14,147	4,762	2,500	15,630	2,600	2,500	2,500	53,216
<b>Department Total</b>	<b>8,756</b>	<b>18,813</b>	<b>4,762</b>	<b>2,500</b>	<b>15,630</b>	<b>2,600</b>	<b>2,500</b>	<b>2,500</b>	<b>58,061</b>

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

# Information Technology

## 800 MHz Radio Network Program

**BCL/Program Name:** Technology Infrastructure

**BCL/Program Code:** D3300

**Project Type:** New Investment

**Start Date:** 1st Quarter 2002

**Project ID:** D3RNRS

**End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The 800 MHz Radio Network Program upgrades and replaces 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 health and safety operations such as 911, Medic One, Fire, and Police. System upgrades and replacement ensures continued manufacturer support and overall communication functionality. The project is funded by reserves from the Information Technology Fund. Costs shown in 2008 reflect an anticipated major upgrade of the technology by the manufacturer. Funding levels beyond 2009 will be determined in future years. There are no anticipated operations and maintenance costs associated with this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	2,158	1,292	762	0	13,130	100	0	0	17,442
<b>Project Total:</b>	2,158	1,292	762	0	13,130	100	0	0	17,442
<b>Fund Appropriations/Allocations</b>									
Information Technology Operating Fund	2,158	1,292	762	0	13,130	100	0	0	17,442
<b>Appropriations Total*</b>	2,158	1,292	762	0	13,130	100	0	0	17,442
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		535	1,519	0	13,130	100	0	0	15,284

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

# Information Technology

## Data and Telephone Program

<b>BCL/Program Name:</b> Technology Infrastructure	<b>BCL/Program Code:</b> D3300
<b>Project Type:</b> New Investment	<b>Start Date:</b> 1st Quarter 2004
<b>Project ID:</b> COMMINFRA	<b>End Date:</b> Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The Data and Telephone Program maintains the City's data and telephone switching systems through software and major hardware maintenance, upgrades, and replacements. These projects are often unavoidable due to changing technology and/or mandated manufacturer requirements, and either reduce future costs or provide useful features which improve end-user productivity. The program is similar to equipment programs found in other departments with capital improvement projects, as there is an inventory of capital assets that require major maintenance, upgrades, and replacements to avoid unscheduled service disruption and system failures. Specific projects are chosen as the year progresses. Although project funds are expended from the Information Technology Operating Fund, the funding is generated by telephone and data user fees. There are no additional operations and maintenance costs associated with this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	1,381	1,192	1,500	1,500	1,500	1,500	1,500	1,500	11,573
<b>Project Total:</b>	1,381	1,192	1,500	1,500	1,500	1,500	1,500	1,500	11,573
<b>Fund Appropriations/Allocations</b>									
Information Technology Operating Fund	1,381	1,192	1,500	1,500	1,500	1,500	1,500	1,500	11,573
<b>Appropriations Total*</b>	1,381	1,192	1,500	1,500	1,500	1,500	1,500	1,500	11,573
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Information Technology

## Equipment and Infrastructure Protection

**BCL/Program Name:** Technology Infrastructure

**BCL/Program Code:** D3300

**Project Type:** New Investment

**Start Date:** 3rd Quarter 2005

**Project ID:** UASI05

**End Date:** 1st Quarter 2007

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides for equipment and infrastructure protection. This project is funded by federal Urban Area Security Initiative (UASI) grant funds.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	0	467	0	0	0	0	0	0	467
<b>Project Total:</b>	0	467	0	0	0	0	0	0	467
<b>Fund Appropriations/Allocations</b>									
Information Technology Operating Fund	0	467	0	0	0	0	0	0	467
<b>Appropriations Total*</b>	0	467	0	0	0	0	0	0	467
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		138	234	95	0	0	0	0	467

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

# Information Technology

## Fiber Optic Communication Installation and Maintenance

**BCL/Program Name:** Technology Infrastructure **BCL/Program Code:** D3300  
**Project Type:** New Investment **Start Date:** 1st Quarter 2005  
**Project ID:** FIBER **End Date:** Ongoing

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides for the installation and maintenance of the fiber network on behalf of fiber partners (the federal government's General Services Administration, National Oceanic Atmospheric Association, Washington State Department of Information Services, Washington State Department of Transportation, King County, University of Washington, Seattle School District, South/Central/North Seattle Community College Districts, and other City departments). The fiber network provides a high-speed communication network for these agencies and departments. The expansion of the fiber network includes sites such as libraries, public schools, fire stations, police stations, water treatment facilities, sewage treatment facilities, community centers, and other City facilities. There are 22 main fiber projects and over 60 subprojects. Although the project funds are expended from the Information Technology Fund, the funding is generated from payments by fiber partners and departmental user fees. The operating and maintenance costs are funded through the Information Technology Operating Fund from access fees collected from fiber partners.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	1,613	2,500	2,500	1,000	1,000	1,000	1,000	1,000	11,613
<b>Project Total:</b>	1,613	2,500	2,500	1,000	1,000	1,000	1,000	1,000	11,613
<b>Fund Appropriations/Allocations</b>									
Information Technology Operating Fund	1,613	2,500	2,500	1,000	1,000	1,000	1,000	1,000	11,613
<b>Appropriations Total*</b>	1,613	2,500	2,500	1,000	1,000	1,000	1,000	1,000	11,613
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0

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# Information Technology

## Information Technology Disaster Recovery Test of Mission Critical Applications

**BCL/Program Name:** Technology Infrastructure

**BCL/Program Code:** D3300

**Project Type:** New Investment

**Start Date:** 2nd Quarter 2005

**Project ID:** REGION6

**End Date:** 4th Quarter 2005

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project enables the City of Seattle and King County to test processes and procedures that will be used to restore hardware, mission critical applications, and infrastructure in the event of a disaster. The U.S. Department of Homeland Security's Office of Domestic Preparedness is funding this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	0	657	0	0	0	0	0	0	657
<b>Project Total:</b>	0	657	0	0	0	0	0	0	657
<b>Fund Appropriations/Allocations</b>									
Information Technology Operating Fund	0	657	0	0	0	0	0	0	657
<b>Appropriations Total*</b>	0	657	0	0	0	0	0	0	657
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Information Technology

## Seattle Police Department Computer Aided Dispatch

**BCL/Program Name:** Technology Infrastructure **BCL/Program Code:** D3300  
**Project Type:** New Investment **Start Date:** 2nd Quarter 2001  
**Project ID:** SPDCAD **End Date:** 2nd Quarter 2007

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The Seattle Police Department Computer Aided Dispatch (CAD) project replaces the dispatch system currently in use by the Department. This project is one of four projects to upgrade the Seattle Fire Department and Police CAD and Record Management Systems (RMS). The other project included in this CIP is the Seattle Police Department Record Management System project (SPDRMS). Two Fire Department projects were completed in 2004, and are not in this CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	63	2,965	0	0	0	0	0	0	3,028
Internal Service Fees and Allocations, Outside Funding Partners	200	0	0	0	0	0	0	0	200
<b>Project Total:</b>	263	2,965	0	0	0	0	0	0	3,228
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	63	2,965	0	0	0	0	0	0	3,028
Information Technology Operating Fund	200	0	0	0	0	0	0	0	200
<b>Appropriations Total*</b>	263	2,965	0	0	0	0	0	0	3,228
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		150	1,200	1,615	0	0	0	0	2,965

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# Information Technology

## Seattle Police Department Message Switch

<b>BCL/Program Name:</b> Technology Infrastructure	<b>BCL/Program Code:</b> D3300
<b>Project Type:</b> New Investment	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> SPDMESS	<b>End Date:</b> 4th Quarter 2007

**Location:**

<b>Neighborhood Plan:</b> Not in a Neighborhood Plan	<b>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 Seattle Police Department Message Switch project plans for and procures hardware, software, interfaces, and professional services necessary to support the Seattle Police Department's (SPD) message switching requirements that include up to 22 interfaces. This project is part of the overall Seattle Police Information Dispatch and Electronic Reporting (SPIDER) project. The message switch project must be in place to support the Computer Aided Dispatch (CAD) and Records Management System (RMS) mobile projects that are occurring in parallel. This project establishes a common and standard platform to support current and future data sharing among appropriate applications within SPD, within the City of Seattle's Public Safety related departments, and with King County, state, and other appropriate public safety agencies.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	0	1,875	0	0	0	0	0	0	1,875
<b>Project Total:</b>	0	1,875	0	0	0	0	0	0	1,875
<b>Fund Appropriations/Allocations</b>									
Information Technology Operating Fund	0	1,875	0	0	0	0	0	0	1,875
<b>Appropriations Total*</b>	0	1,875	0	0	0	0	0	0	1,875
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	1,525	350	0	0	0	0	1,875

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# Information Technology

## Seattle Police Department Record Management System

<b>BCL/Program Name:</b> Technology Infrastructure	<b>BCL/Program Code:</b> D3300
<b>Project Type:</b> New Investment	<b>Start Date:</b> 1st Quarter 2001
<b>Project ID:</b> SPDRMS	<b>End Date:</b> 4th Quarter 2007

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

The Seattle Police Department Record Management System project replaces the record management system currently in use by the Department. This project is one of four projects to upgrade the Police and Fire Computer Aided Dispatch and Record Management Systems. The other project in this CIP is the Seattle Police Department Record Management System project (SPDCAD). Two Fire Department projects, the Seattle Fire Department Record Management System (SFDRMS) and Seattle Fire Department Computer Aided Dispatch (SFDCAD) were completed in 2004, and are not in this CIP. The project is in vendor selection phase and is projected to be completed in 2007.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	116	1,701	0	0	0	0	0	0	1,817
Internal Service Fees and Allocations, Outside Funding Partners	1,503	1,899	0	0	0	0	0	0	3,402
<b>Project Total:</b>	1,619	3,600	0	0	0	0	0	0	5,219
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	116	1,701	0	0	0	0	0	0	1,817
Information Technology Operating Fund	1,503	1,899	0	0	0	0	0	0	3,402
<b>Appropriations Total*</b>	1,619	3,600	0	0	0	0	0	0	5,219
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		154	1,500	1,946	0	0	0	0	3,600

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# Information Technology

## Seattle Urban Area Communications Interoperability

**BCL/Program Name:** Technology Infrastructure **BCL/Program Code:** D3300  
**Project Type:** New Investment **Start Date:** 1st Quarter 2004  
**Project ID:** UACOMM04 **End Date:** 4th Quarter 2005

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides for secure communications interoperability for emergency operations centers, elected officials, and senior executives in the Seattle urban area. Secure communications interoperability means emergency operations centers and high-level officials will have a standard and secure way of sharing sensitive information using video conferencing, two-way radio, telephone, data communications, satellite telephone, and secure telephone technology during times of emergency. This project is funded by federal Urban Area Security Initiative (UASI) grant funds.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	527	1,473	0	0	0	0	0	0	2,000
<b>Project Total:</b>	527	1,473	0	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
Information Technology Operating Fund	527	1,473	0	0	0	0	0	0	2,000
<b>Appropriations Total*</b>	527	1,473	0	0	0	0	0	0	2,000
<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 in thousands of dollars.*

# Information Technology

## Technology Infrastructure Security Enhancements

**BCL/Program Name:** Technology Infrastructure **BCL/Program Code:** D3300  
**Project Type:** New Investment **Start Date:** 2nd Quarter 2004  
**Project ID:** UASI04 **End Date:** 4th Quarter 2005

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides for planning, repair, construction and modification of various improvements to the City's data and communications infrastructure. This project is funded by federal Urban Area Security Initiative (UASI) grant funds.

	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	223	1,832	0	0	0	0	0	0	2,055
<b>Project Total:</b>	223	1,832	0	0	0	0	0	0	2,055
<b>Fund Appropriations/Allocations</b>									
Information Technology Operating Fund	223	1,832	0	0	0	0	0	0	2,055
<b>Appropriations Total*</b>	223	1,832	0	0	0	0	0	0	2,055
<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 in thousands of dollars.*

# Information Technology

## Urban Area Security Initiative for Wideband Wireless Pilot and Fiber

<b>BCL/Program Name:</b> Technology Infrastructure	<b>BCL/Program Code:</b> D3300
<b>Project Type:</b> New Investment	<b>Start Date:</b> 3rd Quarter 2004
<b>Project ID:</b> UASI404	<b>End Date:</b> 4th Quarter 2005

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides for implementation of a Wideband Wireless pilot project and provides for the installation of fiber to various government agencies. The Wideband Wireless pilot project will enable wireless connectivity to the internet in pilot project areas. The installation of fiber to various government agencies will enable internet and network access to government buildings covered in the Urban Area Security Initiative grant area. This project is funded by federal Urban Area Security Initiative (UASI) grant funds.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	0	760	0	0	0	0	0	0	760
<b>Project Total:</b>	0	760	0	0	0	0	0	0	760
<b>Fund Appropriations/Allocations</b>									
Information Technology Operating Fund	0	760	0	0	0	0	0	0	760
<b>Appropriations Total*</b>	0	760	0	0	0	0	0	0	760
<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 in thousands of dollars.*

# **FLEETS & FACILITIES**



## Overview of Facilities and Programs

The Fleets & Facilities Department (FFD) is responsible for general government facilities. Examples include the City's core public safety facilities, comprising both fire stations and police precincts; maintenance shops and other support facilities; and the City's downtown office buildings. In addition, FFD is responsible for the management and upkeep of several community-based facilities owned by the City.

The Department's 2006-2011 Proposed Capital Improvement Program outlines FFD's plan for maintaining, renovating, replacing, and adding to this 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 FFD asset preservation subaccounts), the 2003 Fire Facilities and Response Emergency Levy, Limited Tax General Obligation Bonds, proceeds from property sales, and insurance recoveries.

## Highlights

- ◆ Fire Facilities and Emergency Response Levy Program: Approved by voters on November 4, 2003, proceeds from this levy, as well as approximately \$40 million in other funding sources, fund more than 40 projects to upgrade, renovate, or replace most of the City's fire stations; construct new support facilities for the Fire Department (including a new joint training facility); construct a new Emergency Operations Center and Fire Alarm Center; carry out various emergency preparedness initiatives (for example, upgrading the City's water supply system for firefighting purposes); and procure two new fireboats and rehabilitate an existing one. In most cases, Levy projects are fully appropriated in their first active year to allow the Department to undertake multi-year contracts. In 2006, FFD begins the implementation of four new neighborhood station projects: Fire Station 2, Fire Station 17, Fire Station 28, and Fire Station 31. The Department also anticipates completion of the small fireboat and the large fireboat projects.
- ◆ Asset Preservation Program: A new initiative in 2005 to enhance the City's efforts to preserve general government assets funds several categories of projects in the 2005-2006 biennium, organized by facility type – shops and yards, City Hall, fire stations, Seattle Justice Center, and the Seattle Municipal Tower. Planned work ranges from the replacement of floor slabs and drainage at the Charles Street Maintenance Facility to the renovation of elevators at Seattle Municipal Tower. For the 2005-2006 biennium, \$5.8 million is appropriated for asset preservation projects, \$2.89 million of which is newly appropriated in 2006. In addition, following FFD's completion of a response to a 2005 Statement of Legislative Intent, it is anticipated that an asset preservation reserve fund of \$1.66 million is made available for future project-specific appropriations. No funding has been incorporated into later years of the CIP, as program planning has not yet determined appropriate projects. Future CIPs are anticipated to include more than two years of projects' funding as asset preservation planning matures.
- ◆ Civic Center Master Plan: With the sale of the Alaska and Arctic buildings, the final moves of City departments into permanent office space in the Seattle Municipal Tower and other leased office space in privately owned buildings takes place. These moves marks completion of the Seattle Municipal Tower tenant improvements, a major component of the Civic Center Master Plan. Planning for redevelopment of the block formerly occupied by the Public Safety Building is underway in 2006.

## Project Selection Process

The following process is used to identify and prioritize potential CIP projects:

Project Identification: For asset preservation and major maintenance projects, FFD maintains and annually updates a six-year plan based on its maintenance and planning efforts, balanced with input from various sources, ranging from customer departments, to neighborhood planning, to elected officials. Crew chiefs, property agents, architects, engineers, and space planners provide technical guidance in anticipation of major and minor

## Fleets & Facilities

maintenance, and rehabilitation of buildings. Other projects, including new facilities, are typically identified through special analyses or major Citywide initiatives.

Project Selection: FFD's six-year CIP comprises planning, development, and asset preservation projects. Regardless of their category, federal- and state-mandated projects are automatically placed in the six-year 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 six-year plan is reviewed to determine viable funding sources: Asset Preservation Subaccount, Community Development Block Grant, other grants, bond funds, or other Cumulative Reserve Subfund funds. Fleets and Facilities establishes the timeframe and estimates the cost of each planned project prior to review and approval by the Department of Finance, Mayor, and City Council.

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

Operating and maintenance costs for new facilities coming on line after 2005 are expected to increase existing budget levels due to both increases in square footage managed by the Department and inflationary increases in the cost of utilities, labor, and security. However, for its downtown facilities, FFD plans to maintain the added new space with only a minor increase in staff or net costs. This is possible through a combination of lower, but acceptable, standards of maintenance for these facilities, as well as a projected reduction in utility use, measured in units of consumption. The lower consumption of electricity and water, even with larger buildings, is made possible through the City's incorporation of sustainable building technologies in the new downtown buildings. For other new 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, and as additional facilities are added to FFD's inventory. 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.

# Fleets & Facilities

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Asset Preservation - City Hall</b>						<b>BCL/Program Code:</b>				A1AP1
Asset Preservation - City Hall	A1AP101	0	250	0	0	0	0	0	0	250
<b>Total for BCL Asset Preservation - City Hall</b>		<b>0</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250</b>
<b>Asset Preservation - Fire Stations</b>						<b>BCL/Program Code:</b>				A1AP6
Asset Preservation - Fire Stations	A1AP601	0	200	200	0	0	0	0	0	400
<b>Total for BCL Asset Preservation - Fire Stations</b>		<b>0</b>	<b>200</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400</b>
<b>Asset Preservation - Seattle Justice Center</b>						<b>BCL/Program Code:</b>				A1AP3
Asset Preservation - Seattle Justice Center	A1AP301	0	150	0	0	0	0	0	0	150
<b>Total for BCL Asset Preservation - Seattle Justice Center</b>		<b>0</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150</b>
<b>Asset Preservation - Seattle Municipal Tower</b>						<b>BCL/Program Code:</b>				A1AP2
Asset Preservation - Seattle Municipal Tower	A1AP201	0	1,600	2,025	0	0	0	0	0	3,625
<b>Total for BCL Asset Preservation - Seattle Municipal Tower</b>		<b>0</b>	<b>1,600</b>	<b>2,025</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,625</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Fleets & Facilities

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Asset Preservation - Shops and Yards - Fleets</b>						<b>BCL/Program Code:</b>				A1AP4
Asset Preservation - Charles Street Maintenance Facility	A1AP401	0	245	465	0	0	0	0	0	710
Asset Preservation - DoIT Radio Shop	A1AP404	0	117	0	0	0	0	0	0	117
Asset Preservation - Haller Lake Maintenance Facility	A1AP402	0	228	0	0	0	0	0	0	228
Asset Preservation - Sunny Jim Maintenance Facility	A1AP403	0	40	200	0	0	0	0	0	240
<b>Total for BCL Asset Preservation - Shops and Yards - Fleets</b>		<b>0</b>	<b>630</b>	<b>665</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,295</b>
<b>Asset Preservation - Shops and Yards - Shops</b>						<b>BCL/Program Code:</b>				A1AP5
Asset Preservation - Airport Way Center Maintenance Facility	A1AP501	0	80	0	0	0	0	0	0	80
<b>Total for BCL Asset Preservation - Shops and Yards - Shops</b>		<b>0</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80</b>
<b>Chief Seattle Fireboat Rehabilitation</b>						<b>BCL/Program Code:</b>				A1FL402
Chief Seattle Fireboat Rehabilitation	A1FL402	0	0	2,700	0	0	0	0	0	2,700
<b>Total for BCL Chief Seattle Fireboat Rehabilitation</b>		<b>0</b>	<b>0</b>	<b>2,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,700</b>
<b>Civic Center Plan - Seattle Municipal Tower, Airport Way Center, and Other Projects</b>						<b>BCL/Program Code:</b>				A34200-2
Civic Center Plan - Seattle Municipal Tower, Airport Way Center, and Other Projects	A34200-2	86,516	18,158	675	0	0	0	0	0	105,349
<b>Total for BCL Civic Center Plan - Seattle Municipal Tower, Airport Way Center, and Other Projects</b>		<b>86,516</b>	<b>18,158</b>	<b>675</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105,349</b>

\*Amounts in thousands of dollars

# Fleets & Facilities

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Collision Repair Facility</b>						<b>BCL/Program Code:</b>				A51640
Vehicle Refinishing Facility	A51640	2,906	1,650	0	0	0	0	0	0	<b>4,556</b>
<b>Total for BCL Collision Repair Facility</b>		<b>2,906</b>	<b>1,650</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,556</b>
<b>Earthquake Repair - Park 90/5</b>						<b>BCL/Program Code:</b>				A12930E
Earthquake Repair - Airport Way Center (formerly Park 90/5)	A12930E	12,700	0	13,049	1,304	0	0	0	0	<b>27,054</b>
<b>Total for BCL Earthquake Repair - Park 90/5</b>		<b>12,700</b>	<b>0</b>	<b>13,049</b>	<b>1,304</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,054</b>
<b>Emergency Community Disaster Supplies</b>						<b>BCL/Program Code:</b>				A1FL303
Emergency Community Disaster Supplies	A1FL303	12	748	0	0	0	0	0	0	<b>760</b>
<b>Total for BCL Emergency Community Disaster Supplies</b>		<b>12</b>	<b>748</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>760</b>
<b>Emergency Community Shelters Power Supply</b>						<b>BCL/Program Code:</b>				A1FL304
Emergency Community Shelters Power Supply	A1FL304	12	468	0	0	0	0	0	0	<b>480</b>
<b>Total for BCL Emergency Community Shelters Power Supply</b>		<b>12</b>	<b>468</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>480</b>
<b>Emergency Fire Suppression Water Supply</b>						<b>BCL/Program Code:</b>				A1FL302
Emergency Fire Suppression Water Supply	A1FL302	35	785	0	0	0	0	0	0	<b>820</b>
<b>Total for BCL Emergency Fire Suppression Water Supply</b>		<b>35</b>	<b>785</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>820</b>
<b>Emergency Operations Center</b>						<b>BCL/Program Code:</b>				A1FL301
Emergency Operations Center	A1FL301	5,911	10,727	0	0	0	0	0	0	<b>16,638</b>
<b>Total for BCL Emergency Operations Center</b>		<b>5,911</b>	<b>10,727</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,638</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Fleets & Facilities

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Fire Alarm Center</b>						<b>BCL/Program Code:</b>				A1FL201
Fire Alarm Center	A1FL201	0	12,258	0	0	0	0	0	0	<b>12,258</b>
<b>Total for BCL</b>	<b>Fire Alarm Center</b>	<b>0</b>	<b>12,258</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,258</b>
<b>Fire Station 10</b>						<b>BCL/Program Code:</b>				A1FL110
Fire Station 10	A1FL110	1,898	18,557	0	0	0	0	0	0	<b>20,455</b>
<b>Total for BCL</b>	<b>Fire Station 10</b>	<b>1,898</b>	<b>18,557</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,455</b>
<b>Fire Station Renovations</b>						<b>BCL/Program Code:</b>				A51542
Fire Station Renovations	A51542	3,161	253	381	0	0	0	0	0	<b>3,795</b>
<b>Total for BCL</b>	<b>Fire Station Renovations</b>	<b>3,161</b>	<b>253</b>	<b>381</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,795</b>
<b>Fire Stations - Land Acquisition</b>						<b>BCL/Program Code:</b>				A1FL101
Fire Stations - Land Acquisition	A1FL101	4,723	12,129	0	0	0	0	0	0	<b>16,852</b>
<b>Total for BCL</b>	<b>Fire Stations - Land Acquisition</b>	<b>4,723</b>	<b>12,129</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,852</b>
<b>Garden of Remembrance</b>						<b>BCL/Program Code:</b>				A51647
Garden of Remembrance	A51647	106	20	20	21	21	22	22	23	<b>255</b>
<b>Total for BCL</b>	<b>Garden of Remembrance</b>	<b>106</b>	<b>20</b>	<b>20</b>	<b>21</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>23</b>	<b>255</b>
<b>General Government Facilities - Community-Based</b>						<b>BCL/Program Code:</b>				A1GM2
Asian Counseling and Referral Service - New Facility	A1GM203	0	381	619	0	0	0	0	0	<b>1,000</b>
Colman School – Northwest African American Museum	A1GM204	0	0	1,000	0	0	0	0	0	<b>1,000</b>
Community-Based Facilities	A1GM201	0	240	0	0	0	0	0	0	<b>240</b>
Wing Luke Asian Museum	A1GM202	0	0	1,000	0	0	0	0	0	<b>1,000</b>
<b>Total for BCL</b>	<b>General Government Facilities - Community-Based</b>	<b>0</b>	<b>621</b>	<b>2,619</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,240</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Fleets & Facilities

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>General Government Facilities - General</b>						<b>BCL/Program Code:</b>				A1GM1
Animal Shelter	A1GM10 1	0	0	70	0	0	0	0	0	<b>70</b>
Civic Center Signage	A1GM10 3	0	125	0	0	0	0	0	0	<b>125</b>
Civic Center Spot Improvements	A1GM10 4	0	1,065	485	0	0	0	0	0	<b>1,550</b>
Customer Requested Tenant Improvement Program	A1GM10 5	0	0	1,500	1,550	1,600	1,650	1,700	1,750	<b>9,750</b>
Utility Payment Center	A1GM10 6	0	813	0	0	0	0	0	0	<b>813</b>
<b>Total for BCL</b>	<b>General Government Facilities - General</b>	<b>0</b>	<b>2,003</b>	<b>2,055</b>	<b>1,550</b>	<b>1,600</b>	<b>1,650</b>	<b>1,700</b>	<b>1,750</b>	<b>12,308</b>
<b>Joint Training Facility</b>						<b>BCL/Program Code:</b>				A1FL202
Joint Training Facility	A1FL202	8,676	17,856	1,000	0	0	0	0	0	<b>27,532</b>
<b>Total for BCL</b>	<b>Joint Training Facility</b>	<b>8,676</b>	<b>17,856</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,532</b>
<b>Large Fireboat</b>						<b>BCL/Program Code:</b>				A1FL401
Large Fireboat	A1FL401	78	12,039	0	0	0	0	0	0	<b>12,117</b>
<b>Total for BCL</b>	<b>Large Fireboat</b>	<b>78</b>	<b>12,039</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,117</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Fleets & Facilities

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Neighborhood Fire Stations</b>						<b>BCL/Program Code:</b>				A1FL1
Fire Station 02	A1FL102	0	0	6,694	0	681	0	0	0	<b>7,375</b>
Fire Station 06	A1FL106	0	0	0	5,557	0	0	0	0	<b>5,557</b>
Fire Station 08	A1FL108	0	0	0	0	0	0	1,451	0	<b>1,451</b>
Fire Station 09	A1FL109	0	0	0	0	0	0	4,352	0	<b>4,352</b>
Fire Station 11	A1FL111	0	0	0	0	0	679	699	0	<b>1,378</b>
Fire Station 13	A1FL113	0	0	0	0	209	526	0	0	<b>735</b>
Fire Station 14	A1FL114	0	0	0	5,794	0	0	0	0	<b>5,794</b>
Fire Station 16	A1FL116	0	0	0	0	0	454	468	0	<b>922</b>
Fire Station 17	A1FL117	0	0	4,103	0	0	0	0	0	<b>4,103</b>
Fire Station 18	A1FL118	0	0	0	0	0	0	0	1,013	<b>1,013</b>
Fire Station 20	A1FL120	0	0	0	0	0	4,300	0	0	<b>4,300</b>
Fire Station 21	A1FL121	0	0	0	0	0	3,968	0	0	<b>3,968</b>
Fire Station 22	A1FL122	0	0	0	0	0	0	4,853	0	<b>4,853</b>
Fire Station 24	A1FL124	0	0	0	0	0	0	1,210	0	<b>1,210</b>
Fire Station 25	A1FL125	0	0	0	0	0	0	1,260	0	<b>1,260</b>
Fire Station 26	A1FL126	0	0	0	0	0	0	0	1,073	<b>1,073</b>
Fire Station 27	A1FL127	0	0	0	0	0	521	536	0	<b>1,057</b>
Fire Station 28	A1FL128	0	0	6,274	0	0	0	0	0	<b>6,274</b>
Fire Station 29	A1FL129	0	0	0	685	425	0	0	0	<b>1,110</b>
Fire Station 30	A1FL130	0	0	0	0	3,951	0	0	0	<b>3,951</b>
Fire Station 31	A1FL131	0	0	2,122	0	0	0	0	0	<b>2,122</b>
Fire Station 32	A1FL132	0	0	0	0	7,462	0	0	0	<b>7,462</b>
Fire Station 33	A1FL133	0	0	0	1,082	0	0	0	0	<b>1,082</b>
Fire Station 34	A1FL134	0	0	0	0	0	496	510	0	<b>1,006</b>
Fire Station 35	A1FL135	0	0	0	4,218	0	0	0	0	<b>4,218</b>
Fire Station 36	A1FL136	0	0	0	0	0	0	1,325	0	<b>1,325</b>
Fire Station 37	A1FL137	0	0	0	3,979	0	0	0	0	<b>3,979</b>
Fire Station 38	A1FL138	0	0	0	3,979	0	0	0	0	<b>3,979</b>
Fire Station 39	A1FL139	0	0	0	5,758	0	0	0	0	<b>5,758</b>
Fire Station 40	A1FL140	0	0	0	0	0	0	1,217	0	<b>1,217</b>
Fire Station 41	A1FL141	0	0	0	832	1,287	0	0	0	<b>2,119</b>

\*Amounts in thousands of dollars

**2006-2011 Proposed Capital Improvement Program**

# Fleets & Facilities

## Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
<b>Neighborhood Fire Stations</b>			<b>BCL/Program Code:</b>							<b>A1FL1</b>
<b>Total for BCL</b>	<b>Neighborhood Fire Stations</b>	<b>0</b>	<b>0</b>	<b>19,193</b>	<b>31,884</b>	<b>14,015</b>	<b>10,944</b>	<b>17,881</b>	<b>2,086</b>	<b>96,003</b>
<b>Public Safety Facilities - Fire</b>			<b>BCL/Program Code:</b>							<b>A1PS2</b>
Fire Station Drainage Improvements	PS201	0	0	172	0	0	0	0	0	172
<b>Total for BCL</b>	<b>Public Safety Facilities - Fire</b>	<b>0</b>	<b>0</b>	<b>172</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>172</b>
<b>Public Safety Facilities - Police</b>			<b>BCL/Program Code:</b>							<b>A1PS1</b>
Police Facilities	A1PS101	1,172	1,069	120	0	0	0	0	0	2,361
<b>Total for BCL</b>	<b>Public Safety Facilities - Police</b>	<b>1,172</b>	<b>1,069</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,361</b>
<b>Regulatory Projects</b>			<b>BCL/Program Code:</b>							<b>A51921</b>
Regulatory Projects	A51921	640	232	0	0	0	0	0	0	872
<b>Total for BCL</b>	<b>Regulatory Projects</b>	<b>640</b>	<b>232</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>872</b>
<b>Small Fireboat</b>			<b>BCL/Program Code:</b>							<b>A1FL403</b>
Small Fireboat	A1FL403	69	1,665	0	0	0	0	0	0	1,734
<b>Total for BCL</b>	<b>Small Fireboat</b>	<b>69</b>	<b>1,665</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,734</b>
<b>South Downtown Service Center</b>			<b>BCL/Program Code:</b>							<b>A1OTH01</b>
Connections Center	A1OTH01	19	2,231	1,100	0	0	0	0	0	3,350
<b>Total for BCL</b>	<b>South Downtown Service Center</b>	<b>19</b>	<b>2,231</b>	<b>1,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,350</b>
<b>Department Total</b>		<b>128,634</b>	<b>116,379</b>	<b>45,974</b>	<b>34,759</b>	<b>15,636</b>	<b>12,616</b>	<b>19,603</b>	<b>3,859</b>	<b>377,460</b>

\*Amounts in thousands of dollars

2006-2011 Proposed Capital Improvement Program

# Fleets & Facilities

## Fund Summary

<b>Fund Name</b>	<b>LTD</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
1-2-3 Bond Fund	443	0	0	0	0	0	0	0	<b>443</b>
2002 LTGO Capital Project Fund	2,519	51	0	0	0	0	0	0	<b>2,570</b>
2002B LTGO Capital Project Fund	6,194	518	0	0	0	0	0	0	<b>6,712</b>
2003 Fire Facilities Fund	16,413	77,151	18,344	29,285	11,413	8,268	15,317	2,086	<b>178,278</b>
2003 LTGO Capital Project Fund	12,700	0	0	0	0	0	0	0	<b>12,700</b>
2006 LTGO Capital Project Fund	0	0	12,669	0	0	0	0	0	<b>12,669</b>
City Facilities Renovation & Improvement Fund - 123 Bonds	443	0	0	0	0	0	0	0	<b>443</b>
Community Development Block Grant Fund	0	521	0	0	0	0	0	0	<b>521</b>
Cumulative Reserve Subfund - REET I Subaccount	5,728	13,014	6,630	3,903	2,602	2,676	2,564	0	<b>37,117</b>
Cumulative Reserve Subfund - REET II Subaccount	0	2,800	0	0	0	0	0	0	<b>2,800</b>
Cumulative Reserve Subfund - Unrestricted Subaccount	972	2,359	3,819	21	21	22	22	23	<b>7,259</b>
Cumulative Reserve Subfund, Asset Preservation Subaccount - Fleets and Facilities	0	2,910	2,890	0	0	0	0	0	<b>5,800</b>
Fleets and Facilities Operating Fund	0	634	1,622	1,550	1,600	1,650	1,700	1,750	<b>10,506</b>
Municipal Civic Center Fund	83,221	16,421	0	0	0	0	0	0	<b>99,642</b>
<b>Department Total</b>	<b>128,634</b>	<b>116,379</b>	<b>45,974</b>	<b>34,759</b>	<b>15,636</b>	<b>12,616</b>	<b>19,603</b>	<b>3,859</b>	<b>377,460</b>

*\*Amounts in thousands of dollars*

**2006-2011 Proposed Capital Improvement Program**

# Fleets & Facilities

## Animal Shelter

**BCL/Program Name:** General Government Facilities - General

**BCL/Program Code:** A1GM1

**Project Type:** Rehabilitation or Restoration

**Start Date:** 2nd Quarter 2006

**Project ID:** A1GM101

**End Date:** 3rd Quarter 2007

**Location:** 2061 15th Ave. W

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project provides for miscellaneous spot repairs, such as repairs to the shelter's elevator for ADA compliance and safe operation and repairs to the in-floor radiant heating system to provide consistent heat to the kenneled animals.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	70	0	0	0	0	0	70
<b>Project Total:</b>	0	0	70	0	0	0	0	0	70
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	70	0	0	0	0	0	70
<b>Appropriations 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</b>		0	11	59	0	0	0	0	70

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

# Fleets & Facilities

## Asian Counseling and Referral Service - New Facility

**BCL/Program Name:** General Government Facilities - Community-Based    **BCL/Program Code:** A1GM2  
**Project Type:** New Facility    **Start Date:** 1st Quarter 2005  
**Project ID:** A1GM203    **End Date:** TBD

**Location:** 3639 Martin Luther King Jr. Wy. S

**Neighborhood Plan:** Not in a Neighborhood Plan    **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast    **Urban Village:** North Rainier

The City intends to commit \$1 million of funding (\$619,000 of Cumulative Reserve Subfund - Unrestricted funds, and \$381,000 of Community Development Block Grant funds) toward construction of a new facility for the Asian Counseling & Referral Service (ACRS). ACRS is a non-profit organization offering social services, job training, and mental health programs to Asian Pacific Americans. The agency plans to expand its operations by moving into a new, 75,000 square foot facility in the Rainier Valley. The facility is expected to include underground parking (21,000 square feet) and three levels of office space (54,000 square feet). The new facility is expected to include an activity center, commercial kitchen, computer lab, art room, classroom space for English as a Second Language classes, and a garden. Total project costs are anticipated to be \$15.5 million, which the agency intends to fund by a combination of public and private sources. Release of City funds is contingent upon a yet to be completed agreement between the City and ACRS.

This pass-through project is not managed by FFD and is displayed within FFD's CIP for informational purposes only.

In the 2005 budget process, City Council adopted the following budget proviso related to this project: "None of the money appropriated in 2005 for the Community Development Block Grant, Human Services Department BCL, can be spent to pay for the Asian Counseling and Referral Service - New Facility (project ID A1GM203), until authorized by future ordinance."

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Community Development Block Grant	0	381	0	0	0	0	0	0	381
Property Sales and Interest Earnings-2	0	0	619	0	0	0	0	0	619
<b>Project Total:</b>	0	381	619	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
Community Development Block Grant Fund	0	381	0	0	0	0	0	0	381
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	619	0	0	0	0	0	619
<b>Appropriations Total*</b>	0	381	619	0	0	0	0	0	1,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	0	0

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

# Fleets & Facilities

## Asset Preservation - Airport Way Center Maintenance Facility

**BCL/Program Name:** Asset Preservation - Shops and Yards - Shops      **BCL/Program Code:** A1AP5  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** A1AP501      **End Date:** Ongoing

**Location:** 2203 Airport Wy. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project provides for the preservation and long-term maintenance of the Airport Way Center Maintenance Facility (formerly Park 90/5) that houses FFD's shops. The funds dedicated to this project are raised through departmental space rent and, for the 2005-06 biennium only, FFD fund balance. Work over the 2005-06 biennium includes, but is not limited to, items such as the installation of an emergency generator. Specific funding levels and work items for 2007 and beyond have not been identified, but are anticipated to average about 1% of the facility's replacement cost annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	0	80	0	0	0	0	0	0	80
<b>Project Total:</b>	0	80	0	0	0	0	0	0	80
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund, Asset Preservation Subaccount - Fleets and Facilities	0	80	0	0	0	0	0	0	80
<b>Appropriations Total*</b>	0	80	0	0	0	0	0	0	80
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		12	68	0	0	0	0	0	80

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

# Fleets & Facilities

## Asset Preservation - Charles Street Maintenance Facility

**BCL/Program Name:** Asset Preservation - Shops and Yards - Fleets      **BCL/Program Code:** A1AP4  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** A1AP401      **End Date:** Ongoing

**Location:** 714 Charles St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** International District

This project provides for the preservation and long-term maintenance of the Charles Street Maintenance Facility. The funds dedicated to this project are raised through departmental space rent and, for the 2005-06 biennium only, FFD fund balance. Work over the 2005-06 biennium includes, but is not limited to, items such as the replacement of mezzanine supports, the replacement of offices, and the replacement of floor slab and drains. Specific funding levels and work items for 2007 and beyond have not been identified, but are anticipated to average about 1% of the facility's replacement cost annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Department Space Allocation	0	245	465	0	0	0	0	0	710
Charges									
<b>Project Total:</b>	0	245	465	0	0	0	0	0	710
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund, Asset Preservation Subaccount - Fleets and Facilities	0	245	465	0	0	0	0	0	710
<b>Appropriations Total*</b>	0	245	465	0	0	0	0	0	710
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		36	279	395	0	0	0	0	710

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

# Fleets & Facilities

## Asset Preservation - City Hall

**BCL/Program Name:** Asset Preservation - City Hall

**BCL/Program Code:** A1AP1

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2005

**Project ID:** A1AP101

**End Date:** Ongoing

**Location:** 600 4th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

This project provides for the preservation and long-term maintenance of City Hall. The funds dedicated to this project are raised through departmental space rent and, for the 2005-06 biennium only, FFD fund balance. Work over the 2005-06 biennium includes, but is not limited to, items such as the enhancement of the HVAC in the seventh floor main conference room and the installation of security film on the building's annealed glass to provide explosive blast protection. Specific funding levels and work items for 2007 and beyond have not been identified, but are anticipated to average about 1% of the building's replacement cost annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Department Space Allocation	0	250	0	0	0	0	0	0	250
Charges									
<b>Project Total:</b>	0	250	0	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund, Asset Preservation Subaccount - Fleets and Facilities	0	250	0	0	0	0	0	0	250
<b>Appropriations 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</b>		80	170	0	0	0	0	0	250

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

# Fleets & Facilities

## Asset Preservation - DoIT Radio Shop

**BCL/Program Name:** Asset Preservation - Shops and Yards - Fleets      **BCL/Program Code:** A1AP4  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** A1AP404      **End Date:** Ongoing

**Location:** 1933 Minor Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown      **Urban Village:** Denny Triangle

This project provides for the preservation and long-term maintenance of DoIT's Radio Shop. The funds dedicated to this project are raised through departmental space rent and, for the 2005-06 biennium only, FFD fund balance. Work over the 2005-06 biennium includes, but is not limited to, items such as the sealing of exterior masonry and the replacement of the HVAC system. Specific funding levels and work items for 2007 and beyond have not been identified, but are anticipated to average about 1% of the building's replacement cost annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Department Space Allocation	0	117	0	0	0	0	0	0	117
Charges									
<b>Project Total:</b>	0	117	0	0	0	0	0	0	117
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund,	0	117	0	0	0	0	0	0	117
Asset Preservation Subaccount - Fleets and Facilities									
<b>Appropriations Total*</b>	0	117	0	0	0	0	0	0	117
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Fleets & Facilities

## Asset Preservation - Fire Stations

**BCL/Program Name:** Asset Preservation - Fire Stations

**BCL/Program Code:** A1AP6

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2005

**Project ID:** A1AP601

**End Date:** Ongoing

**Location:** Various Locations

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides for the preservation and long-term maintenance of various fire stations' general building systems, although for the 2005-06 biennium, work will be limited to interim emergency repairs while fire stations wait for more substantial renovation and replacement work planned for future years under Fire and Emergency Facilities Levy program. The funds dedicated to this project are raised through departmental space rent and, for the 2005-06 biennium only, FFD fund balance. Work over the 2005-06 biennium includes, but is not limited to, items such as emergency repair of roofs, hot water heaters, and electrical systems that become necessary prior to the renovation or replacement of stations. As the project evolves into a more complete asset preservation program for fire stations and once planned renovation and replacement work occurs under the Fire Facilities and Emergency Response Levy program, specific funding levels and work items will be identified and are anticipated to average about 1% of the buildings' replacement cost annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	0	200	200	0	0	0	0	0	400
<b>Project Total:</b>	0	200	200	0	0	0	0	0	400
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund, Asset Preservation Subaccount - Fleets and Facilities	0	200	200	0	0	0	0	0	400
<b>Appropriations Total*</b>	0	200	200	0	0	0	0	0	400
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Fleets & Facilities

## Asset Preservation - Haller Lake Maintenance Facility

**BCL/Program Name:** Asset Preservation - Shops and Yards - Fleets      **BCL/Program Code:** A1AP4  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** A1AP402      **End Date:** Ongoing

**Location:** 12597 Ashworth Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Not in an Urban Village

This project provides for the preservation and long-term maintenance of the Haller Lake Maintenance Facility. The funds dedicated to this project are raised through departmental space rent and, for the 2005-06 biennium only, FFD fund balance. Work over the 2005-06 biennium includes, but is not limited to, items such as the replacement of counters, showers, and plumbing. Specific funding levels and work items for 2007 and beyond have not been identified, but are anticipated to average about 1% of the facility's replacement cost annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Department Space Allocation	0	228	0	0	0	0	0	0	228
Charges									
<b>Project Total:</b>	0	228	0	0	0	0	0	0	228
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund,	0	228	0	0	0	0	0	0	228
Asset Preservation Subaccount -									
Fleets and Facilities									
<b>Appropriations Total*</b>	0	228	0	0	0	0	0	0	228
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		125	103	0	0	0	0	0	228

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# Fleets & Facilities

## Asset Preservation - Seattle Justice Center

<b>BCL/Program Name:</b> Asset Preservation - Seattle Justice Center	<b>BCL/Program Code:</b> A1AP3
<b>Project Type:</b> Rehabilitation or Restoration	<b>Start Date:</b> 1st Quarter 2005
<b>Project ID:</b> A1AP301	<b>End Date:</b> Ongoing

**Location:** 600 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 preservation and long-term maintenance of Seattle Justice Center. The funds dedicated to this project are raised through departmental space rent and, for the 2005-06 biennium only, FFD fund balance. Work over the 2005-06 biennium includes, but is not limited to, items such as the installation of security film on the building's annealed glass to provide explosive blast protection. Specific funding levels and work items for 2007 and beyond have not been identified, but are anticipated to average about 1% of the building's replacement cost annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Department Space Allocation	0	150	0	0	0	0	0	0	150
Charges									
<b>Project Total:</b>	0	150	0	0	0	0	0	0	150
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund, Asset Preservation Subaccount - Fleets and Facilities	0	150	0	0	0	0	0	0	150
<b>Appropriations 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</b>		45	105	0	0	0	0	0	150

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

# Fleets & Facilities

## Asset Preservation - Seattle Municipal Tower

**BCL/Program Name:** Asset Preservation - Seattle Municipal Tower      **BCL/Program Code:** A1AP2  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** A1AP201      **End Date:** Ongoing

**Location:** 700 5th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown      **Urban Village:** Commercial Core

This project provides for the preservation and long-term maintenance of Seattle Municipal Tower. The funds dedicated to this project are raised through departmental space rent and, for the 2005-06 biennium only, FFD fund balance. Work over the 2005-06 biennium includes, but is not limited to, items such as the installation of a dry cooler serving the DoIT Server Room, the enhancement of the 5th Avenue lobby entrance to eliminate moisture condensation issues, the ADA renovation of elevators, and replacement of the domestic water pump system. Specific funding levels and work items for 2007 and beyond have not been identified, but are anticipated to average about 1% of the building's replacement cost annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	0	1,600	2,025	0	0	0	0	0	3,625
<b>Project Total:</b>	0	1,600	2,025	0	0	0	0	0	3,625
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund, Asset Preservation Subaccount - Fleets and Facilities	0	1,600	2,025	0	0	0	0	0	3,625
<b>Appropriations Total*</b>	0	1,600	2,025	0	0	0	0	0	3,625
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		400	1,504	1,721	0	0	0	0	3,625

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

# Fleets & Facilities

## Asset Preservation - Sunny Jim Maintenance Facility

**BCL/Program Name:** Asset Preservation - Shops and Yards - Fleets      **BCL/Program Code:** A1AP4  
**Project Type:** Rehabilitation or Restoration      **Start Date:** 1st Quarter 2005  
**Project ID:** A1AP403      **End Date:** Ongoing

**Location:** 4500 Airport Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Greater Duwamish      **Urban Village:** Not in an Urban Village

This project provides for the preservation and long-term maintenance of the Sunny Jim Maintenance Facility. The funds dedicated to this project are raised through departmental space rent and, for the 2005-06 biennium only, FFD fund balance. Work over the 2005-06 biennium includes, but is not limited to, items such as the repair of the loading dock, drainage, and north retaining wall. Specific funding levels and work items for 2007 and beyond have not been identified, but are anticipated to average about 1% of the building's replacement cost annually.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Department Space Allocation	0	40	200	0	0	0	0	0	240
Charges									
<b>Project Total:</b>	0	40	200	0	0	0	0	0	240
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund, Asset Preservation Subaccount - Fleets and Facilities	0	40	200	0	0	0	0	0	240
<b>Appropriations Total*</b>	0	40	200	0	0	0	0	0	240
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		40	120	80	0	0	0	0	240

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# Fleets & Facilities

## Chief Seattle Fireboat Rehabilitation

**BCL/Program Name:** Chief Seattle Fireboat Rehabilitation

**BCL/Program Code:** A1FL402

**Project Type:** New Investment

**Start Date:** 3rd Quarter 2006

**Project ID:** A1FL402

**End Date:** 4th Quarter 2008

**Location:** Lake Union

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project rehabilitates the Chief Seattle fireboat with upgraded systems, engines, and pumps. Following the upgrade, the Chief Seattle is anticipated to be able to pump up to 10,000 gallons of water per minute and have the ability to reach an average top speed of 18 to 20 knots. The overhaul is expected to extend the Chief Seattle's service life by 20 years. The Chief Seattle is relocated to freshwater to replace the aging Alki fireboat, which is to be retired in 2005. A new saltwater fireboat is created through the "Large Fireboat" project (A1FL401) to replace the Chief Seattle in Elliott Bay. The schedule for the project has been accelerated one year from what was previously anticipated; once the new large fireboat is put into service in 2006, the Chief Seattle will be taken out of service for rehabilitation. Operations and maintenance costs are to be funded by the Seattle Fire Department and are not expected to increase because of this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	2,700	0	0	0	0	0	2,700
<b>Project Total:</b>	0	0	2,700	0	0	0	0	0	2,700
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	2,700	0	0	0	0	0	2,700
<b>Appropriations Total*</b>	0	0	2,700	0	0	0	0	0	2,700
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	150	1,700	850	0	0	0	2,700

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

# Fleets & Facilities

## Civic Center Plan - Seattle Municipal Tower, Airport Way Center, and Other Projects

**BCL/Program Name:** Civic Center Plan - Seattle Municipal Tower, Airport Way Center, and Other Projects      **BCL/Program Code:** A34200-2  
**Project Type:** Improved Facility      **Start Date:** 3rd Quarter 1998  
**Project ID:** A34200-2      **End Date:** Ongoing

**Location:** 600 4th Ave.

**Neighborhood Plan:** DUCPG (Downtown Urban Center Planning Group)      **Neighborhood Plan Matrix:** LU-21

**Neighborhood District:** Downtown      **Urban Village:** Commercial Core

This umbrella project consists of multiple smaller projects creating the Civic Center complex in downtown Seattle. Elements included within this project are: tenant improvements at Seattle Municipal Tower; tenant improvements at Airport Way Center (formerly Park 90/5); demolition of the Municipal Building and Public Safety Building; acquisition of the SeaPark Garage; development of open space for the Justice Center Plaza and City Hall Plaza; access improvements at the base of the Seattle Municipal Tower; general Civic Center Master Plan costs; sale of the Alaska and Arctic buildings and associated tenant moves, unreimbursed furniture, fixtures, and equipment costs for the Airport Way Center project; and for redevelopment of the block previously occupied by the Public Safety Building.

The budget displayed below includes appropriations approved under several ordinances that passed in 2005. Ordinance 121786, approving the City's sale of the Alaska Building, appropriated \$1.93 million to the Civic Center Fund for purposes of moving former City occupants of the Alaska Building to the Seattle Municipal Tower or other office space. Ordinance 121790, approving the City's sale of the Arctic Building and as amended by Ordinance 121862, appropriated \$132,700 from the Civic Center Fund for purposes of moving former City occupants of the Arctic Building into new office space and \$511,000 from CRF-REET I for making capital improvements to Seattle City Hall's 4th Avenue lobby.

Also in 2005, Ordinance 121882 appropriated \$326,000 from CRF-REET I to pay for planning costs associated with redevelopment of the Public Safety Building (\$210,000) and development costs associated with the retail space at the northwest corner of City Hall adjacent to the 4th Avenue Plaza (\$116,000).

The budget displayed below also assumes passage of a pending 2005 supplemental appropriation of \$2.1 million from the Civic Center Fund and \$900,000 from CRF-REET I to pay for additional tenant improvements and moving expenses associated with the sale of the Arctic and Alaska Buildings. In 2006, \$454,000 is appropriated from CRF-REET I to pay for unreimbursed furniture, fixtures, and equipment costs at Airport Way Center. Also in 2006, an additional \$221,000 from CRF-REET I provides funding for City Hall's West Plaza.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	3,295	0	0	0	0	0	0	0	3,295
Real Estate Excise Tax I	0	1,737	675	0	0	0	0	0	2,412
Property Sales and General Obligation Bonds	83,221	16,421	0	0	0	0	0	0	99,642
<b>Project Total:</b>	86,516	18,158	675	0	0	0	0	0	105,349
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	3,295	0	0	0	0	0	0	0	3,295
Cumulative Reserve Subfund - REET I Subaccount	0	1,737	675	0	0	0	0	0	2,412
Municipal Civic Center Fund	83,221	16,421	0	0	0	0	0	0	99,642
<b>Appropriations Total*</b>	86,516	18,158	675	0	0	0	0	0	105,349
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		12,626	6,207	0	0	0	0	0	18,833

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

# Fleets & Facilities

## Civic Center Signage

**BCL/Program Name:** General Government Facilities - General

**BCL/Program Code:** A1GM1

**Project Type:** New Facility

**Start Date:** 1st Quarter 2005

**Project ID:** A1GM103

**End Date:** 3rd Quarter 2006

**Location:** 600 4th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

This project provides directional signage within the Civic Center campus. This signage serves as geographic and visual markers at key locations and identifies accessible routes, navigation, and orientation for Civic Center visitors.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	0	125	0	0	0	0	0	0	125
<b>Project Total:</b>	0	125	0	0	0	0	0	0	125
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	125	0	0	0	0	0	0	125
<b>Appropriations Total*</b>	0	125	0	0	0	0	0	0	125
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		19	106	0	0	0	0	0	125

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

# Fleets & Facilities

## Civic Center Spot Improvements

**BCL/Program Name:** General Government Facilities - General

**BCL/Program Code:** A1GM1

**Project Type:** Rehabilitation or Restoration

**Start Date:** 2nd Quarter 2005

**Project ID:** A1GM104

**End Date:** 4th Quarter 2006

**Location:**

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

This project funds various spot improvements to the Civic Center campus for building components that do not operate as envisioned and/or as necessary for a safe, efficient, and environmentally sound campus. The City is actively pursuing recoveries from warranties, designers, contractors, and equipment suppliers. Any recoveries will be used to reimburse the Cumulative Reserve Subfund.

In 2005, Ordinance 121882 appropriated \$765,000 in REET I funds to begin work immediately on projects such as bird control and fall protection at the new City Hall, repairs to elevator cables at the Seattle Justice Center, installation of solar shading, boiler repairs/replacement in the Seattle Justice Center, hot water system repairs/replacement in the Seattle Justice Center, and other high priority items. The budget below also assumes approval of a proposed 3rd Quarter 2005 Supplemental appropriation in the amount of \$300,000 for enhancements to the water feature on City Hall's West Plaza. The 2006 appropriation shown below funds work such as rebuilding witness lift components and water valve installation in the Seattle Justice Center, and other improvements at City Hall.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	1,065	485	0	0	0	0	0	1,550
<b>Project Total:</b>	0	1,065	485	0	0	0	0	0	1,550
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	1,065	485	0	0	0	0	0	1,550
<b>Appropriations Total*</b>	0	1,065	485	0	0	0	0	0	1,550
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		415	1,135	0	0	0	0	0	1,550

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# Fleets & Facilities

## Colman School – Northwest African American Museum

**BCL/Program Name:** General Government Facilities - Community-Based    **BCL/Program Code:** A1GM2  
**Project Type:** Improved Facility    **Start Date:** 1st Quarter 2006  
**Project ID:** A1GM204    **End Date:** TBD

**Location:** 2401 S Irving St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

The Urban League of Metropolitan Seattle proposes to rehabilitate the former Colman School (near 23rd Avenue S and Rainier Avenue S) to house the new Northwest African American Heritage Museum (approximately 22,000 square feet), 36 units of affordable rental housing, and office space. Project costs include acquisition, construction, and museum endowment, and total approximately \$19 million. To date, the Urban League has secured just over \$7 million in project funds. In 2006, the City intends to commit \$1 million toward this project, which the Urban League has included in the preceding figure. Other project funders include the State of Washington (\$1.5 million), Bill and Melinda Gates Foundation (\$750,000), the federal government (\$325,000), Microsoft Corporation (\$304,460), Paul G. Allen Charitable Foundation (\$250,000), the Boeing Company (\$200,000), Seattle Foundation (\$101,000), and Washington Mutual Foundation (\$100,000). The Urban League will secure the remaining project funding from public and private sources. Release of City funds for this project is contingent upon the completion of a public benefits agreement between the City and the Urban League.

This pass-through project is not managed by FFD and is displayed within FFD's CIP for informational purposes only.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	0	0	1,000	0	0	0	0	0	1,000
<b>Project Total:</b>	0	0	1,000	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	1,000	0	0	0	0	0	1,000
<b>Appropriations 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

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# Fleets & Facilities

## Community-Based Facilities

**BCL/Program Name:** General Government Facilities - Community-Based    **BCL/Program Code:** A1GM2  
**Project Type:** Rehabilitation or Restoration    **Start Date:** 4th Quarter 2003  
**Project ID:** A1GM201    **End Date:** 4th Quarter 2006

**Location:** Various

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** In more than one District

**Urban Village:** In more than one Urban Village

For the 2005-06 biennium, this project performs major maintenance on two community-based facilities - the Central Area Senior Center and the Southeast Health Clinic. These City-owned facilities are managed by FFD and are occupied by community organizations with mutual-offsetting-benefit agreements with the City. Work at the Central Area Senior Center (500 30th Ave. S) includes the replacement of water piping and renovation of the water heating systems. Work at the Southeast Health Clinic (4400 37th Ave. S) uses \$140,000 of Community Development Block Grant funds and includes the replacement of water heaters and heat pumps. There are no increased operations and maintenance costs associated with this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Community Development Block Grant	0	140	0	0	0	0	0	0	140
Real Estate Excise Tax I	0	100	0	0	0	0	0	0	100
<b>Project Total:</b>	0	240	0	0	0	0	0	0	240
<b>Fund Appropriations/Allocations</b>									
Community Development Block Grant Fund	0	140	0	0	0	0	0	0	140
Cumulative Reserve Subfund - REET I Subaccount	0	100	0	0	0	0	0	0	100
<b>Appropriations Total*</b>	0	240	0	0	0	0	0	0	240
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		100	140	0	0	0	0	0	240

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# Fleets & Facilities

## Connections Center

**BCL/Program Name:** South Downtown Service Center

**BCL/Program Code:** A1OTH01

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** A1OTH01

**End Date:** 1st Quarter 2007

**Location:** 300 5th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** International District

This project, formerly the South Downtown Hygiene and Homeless Service Center, provides for the creation of an 8,800 square foot hygiene and homeless service center to be operated by the Downtown Emergency Services Center and located at the Morrison Hotel in downtown Seattle. This facility is intended to have capacity to provide the following services: intake, assessment and referral; day center; showers; laundry facilities; meals and on-site supportive services.

In the 2005-2006 Adopted Budget, a total of \$2.3 million of Cumulative Reserve Subfund – Unrestricted funds were shown in this project (\$1 million in 2005 and \$1.3 million in 2006), designated for a City-owned facility to be built adjacent to the new Fire Station 10/Emergency Operations Center/Fire Alarm site. In addition, \$900,000 of General Funds were shown in 2006 as endorsed funding in Finance General to be used for the project's capital or operating expenses. Council Resolution 30746, adopted in February 2005, requests that the Executive negotiate construction of the facility at the Morrison site rather than the Fire Station 10 site, and states that that the capital costs of developing this facility not exceed \$2.1 million. The Office of Housing and Human Services Department are working with DESC on the Morrison site, to be called the Connections Center. The Finance General funds are abandoned in 2006 via third quarter 2005 supplemental legislation, and the remaining funds are used for construction.

This pass-through project is not managed by FFD and is displayed within FFD's CIP for informational purposes only. The Office of Housing is the lead agency for the capital portion of this project; the Human Services Department is managing a \$1 million contract for operating funds for the Center.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	19	51	0	0	0	0	0	0	70
Property Sales and Interest Earnings-2	0	2,180	1,100	0	0	0	0	0	3,280
<b>Project Total:</b>	19	2,231	1,100	0	0	0	0	0	3,350
<b>Fund Appropriations/Allocations</b>									
2002 LTGO Capital Project Fund	19	51	0	0	0	0	0	0	70
Cumulative Reserve Subfund - Unrestricted Subaccount	0	2,180	1,100	0	0	0	0	0	3,280
<b>Appropriations Total*</b>	19	2,231	1,100	0	0	0	0	0	3,350
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0

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# Fleets & Facilities

## Customer Requested Tenant Improvement Program

**BCL/Program Name:** General Government Facilities - General                      **BCL/Program Code:** A1GM1  
**Project Type:** Rehabilitation or Restoration    **Start Date:** Ongoing  
**Project ID:** A1GM105    **End Date:** Ongoing

**Location:**

**Neighborhood Plan:** Not in a Neighborhood Plan                      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** In more than one District                      **Urban Village:** In more than one Urban Village

This project provides for pass-through budget authority to perform customer-requested tenant improvement work within facilities that FFD owns and/or manages. City departments periodically reorganize and restructure their operations within the spaces that they lease from FFD to improve their operations and/or respond to various City initiatives. These reorganizations typically involve reconfigurations of furniture, offices, building systems, and common spaces that require private contractors and/or vendors to perform. Due to the complexity of the public works process and FFD operational requirements that building systems modifications meet City standards, FFD has the exclusive responsibility to manage all tenant improvement work within Department-owned/managed facilities.

This work involves in-house FFD project management staff, architecture/engineering, design and other consultant services, public works construction contracts, and furniture/equipment procurement. All contracts are held and paid by FFD, with reimbursement from the customer department.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Interdepartmental Transfer	0	0	1,500	1,550	1,600	1,650	1,700	1,750	9,750
<b>Project Total:</b>	0	0	1,500	1,550	1,600	1,650	1,700	1,750	9,750
<b>Fund Appropriations/Allocations</b>									
Fleets and Facilities Operating Fund	0	0	1,500	1,550	1,600	1,650	1,700	1,750	9,750
<b>Appropriations Total*</b>	0	0	1,500	1,550	1,600	1,650	1,700	1,750	9,750
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Fleets & Facilities

## Earthquake Repair - Airport Way Center (formerly Park 90/5)

**BCL/Program Name:** Earthquake Repair - Park 90/5

**BCL/Program Code:** A12930E

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2001

**Project ID:** A12930E

**End Date:** Ongoing

**Location:** 2203 Airport Way S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project repaired damage to the Airport Way Center (formerly Park 90/5) complex that resulted from the February 28, 2001 Nisqually Earthquake. Damages were sustained to the roof, floor, and walls of Buildings A and C. The project was funded through a bridge loan from Councilmanic debt that is expected to be repaid in large part by insurance reimbursements and by grants from the Federal Emergency Management Agency (FEMA) and the state. The 2006 LTGO Bond Fund proceeds extend project financing, in the event that all insurance and federal funding issues are not resolved when the 2003 Bonds mature in 2006. There are no increased operations and maintenance costs associated with this project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	12,700	0	0	0	0	0	0	0	12,700
General Obligation Bonds	0	0	12,669	0	0	0	0	0	12,669
Real Estate Excise Tax I	0	0	380	1,304	0	0	0	0	1,685
<b>Project Total:</b>	12,700	0	13,049	1,304	0	0	0	0	27,054
<b>Fund Appropriations/Allocations</b>									
2003 LTGO Capital Project Fund	12,700	0	0	0	0	0	0	0	12,700
2006 LTGO Capital Project Fund	0	0	12,669	0	0	0	0	0	12,669
Cumulative Reserve Subfund - REET I Subaccount	0	0	380	1,304	0	0	0	0	1,685
<b>Appropriations Total*</b>	12,700	0	13,049	1,304	0	0	0	0	27,054
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Fleets & Facilities

## Emergency Community Disaster Supplies

**BCL/Program Name:** Emergency Community Disaster Supplies      **BCL/Program Code:** A1FL303  
**Project Type:** New Facility      **Start Date:** 3rd Quarter 2004  
**Project ID:** A1FL303      **End Date:** 3rd Quarter 2006

**Location:** Various Locations

**Neighborhood Plan:** Not in a Neighborhood Plan      **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Not in a Neighborhood District      **Urban Village:** Not in an Urban Village

This project constructs and/or procures up to four supply storage units to be installed on and/or within City-owned property in geographically strategic areas. Each unit holds enough supplies for approximately 1,000 people. The Fire Facilities and Emergency Response Levy provides for initial supplies to stock the units; the Emergency Preparedness Bureau of the Seattle Police Department assumes responsibility for their ongoing maintenance and associated costs. No re-supply costs are anticipated until after 2012, unless a major activation occurs prior to that year. Sites include FFD's Haller Lake Maintenance Facility, FFD's Charles Street Maintenance Facility, Parks Westbridge Maintenance Facility, and a location to be identified within the Magnolia neighborhood.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	12	748	0	0	0	0	0	0	760
<b>Project Total:</b>	12	748	0	0	0	0	0	0	760
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	12	748	0	0	0	0	0	0	760
<b>Appropriations Total*</b>	12	748	0	0	0	0	0	0	760
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		40	708	0	0	0	0	0	748

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# Fleets & Facilities

## Emergency Community Shelters Power Supply

**BCL/Program Name:** Emergency Community Shelters Power Supply      **BCL/Program Code:** A1FL304  
**Project Type:** New Facility      **Start Date:** 3rd Quarter 2004  
**Project ID:** A1FL304      **End Date:** 1st Quarter 2006

**Location:** Various Locations

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project purchases several trailer-mounted generators and provides for their installation at several Parks Department sites throughout the City. The Department of Parks and Recreation provides shelter in the event of an emergency; the Red Cross operates these shelters. Generators of this size power the internal lighting systems and a number of specially wired outlets in the community centers. Community centers designated as shelter facilities are the Bitter Lake and Meadowbrook community centers in North Seattle, the Queen Anne and Garfield community centers in Central Seattle, and the Delridge and Rainier Beach community centers in south Seattle. The project, in addition to procuring and installing supplemental power supply equipment, wires the Queen Anne and Rainier Beach community centers with transfer switches necessary to accept portable power. Ongoing operations and maintenance costs are paid by the Department of Parks and Recreation.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	12	468	0	0	0	0	0	0	480
<b>Project Total:</b>	12	468	0	0	0	0	0	0	480
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	12	468	0	0	0	0	0	0	480
<b>Appropriations Total*</b>	12	468	0	0	0	0	0	0	480
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		422	46	0	0	0	0	0	468

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# Fleets & Facilities

## Emergency Fire Suppression Water Supply

**BCL/Program Name:** Emergency Fire Suppression Water Supply      **BCL/Program Code:** A1FL302  
**Project Type:** New Facility      **Start Date:** 3rd Quarter 2004  
**Project ID:** A1FL302      **End Date:** 2nd Quarter 2006

**Location:** Various Locations

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project has three components. First, hardened hydrants are installed at several reservoirs and water storage tanks. These hardened hydrants provide easier access to water supplies and allow water to be drawn from a reservoir without contamination. Second, pumping points for fire engines are established for pulling water directly from Lake Union, Lake Washington, and Elliott Bay and suction hose is procured and strategically stocked around the City. Third, large diameter hose is stockpiled in geographically strategic areas and is increased from three and a half inches to about six inches. These actions increase firefighters' range when using water from reservoirs, lakes, or saltwater. Operations and maintenance costs are not expected to be significant, and are paid by the Seattle Fire Department and Seattle Public Utilities through a memorandum of agreement.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	35	785	0	0	0	0	0	0	820
<b>Project Total:</b>	35	785	0	0	0	0	0	0	820
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	35	785	0	0	0	0	0	0	820
<b>Appropriations Total*</b>	35	785	0	0	0	0	0	0	820
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		675	110	0	0	0	0	0	785

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# Fleets & Facilities

## Emergency Operations Center

**BCL/Program Name:** Emergency Operations Center

**BCL/Program Code:** A1FL301

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** A1FL301

**End Date:** 3rd Quarter 2007

**Location:** 300 5th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** International District

This project relocates the Emergency Operations Center (EOC) from Fire Station 02 to a new facility co-located with the new "Fire Station 10" project (A1FL110) and "Fire Alarm Center" project (A1FL201). The funding for this project includes land acquisition for the project's share of the overall site costs. Potential project elements include an operations area and 24-hour duty room, media briefing room, director and staff offices, communications center, and a secure reception area. Operations and maintenance costs are incorporated into future Seattle Police Department budgets.

The budget below excludes an award of \$204,000 in Federal Urban Area Security Initiative grant funds in 2005 to increase the facility's audio/visual capabilities; this amount has been appropriated in the Seattle Police Department's operating budget. Additional federal grant funds may be allocated to the Police Department in 2006, if available, to further enhance the facility's audio/visual capabilities.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	5,911	10,727	0	0	0	0	0	0	16,638
<b>Project Total:</b>	5,911	10,727	0	0	0	0	0	0	16,638
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	5,911	10,727	0	0	0	0	0	0	16,638
<b>Appropriations Total*</b>	5,911	10,727	0	0	0	0	0	0	16,638
<b>O &amp; M Costs (Savings)</b>			0	42	167	167	167	167	710
<b>Spending Plan</b>		0	9,331	1,396	0	0	0	0	10,727

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# Fleets & Facilities

## Fire Alarm Center

**BCL/Program Name:** Fire Alarm Center

**BCL/Program Code:** A1FL201

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2004

**Project ID:** A1FL201

**End Date:** 3rd Quarter 2007

**Location:** 300 5th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** International District

This project constructs a new Fire Alarm Center (FAC), the primary 911 dispatch center for the Seattle Fire Department. This project relocates the FAC from Fire Station 02 to a new facility co-located with the new Fire Station 10 (project A1FL110) and Emergency Operations Center (project A1FL301). Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	12,258	0	0	0	0	0	0	12,258
<b>Project Total:</b>	0	12,258	0	0	0	0	0	0	12,258
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	12,258	0	0	0	0	0	0	12,258
<b>Appropriations Total*</b>	0	12,258	0	0	0	0	0	0	12,258
<b>O &amp; M Costs (Savings)</b>			0	34	135	135	135	135	574
<b>Spending Plan</b>		0	10,664	1,594	0	0	0	0	12,258

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# Fleets & Facilities

## Fire Station 02

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2006

**Project ID:** A1FL102

**End Date:** 4th Quarter 2009

**Location:** 2334 4th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Belltown

This project is a major renovation and expansion of Fire Station 02 to address current structural and systems inadequacies. After the City's Emergency Operations Center (see project A1FL301) and Fire Alarm Center (see project A1FL201) move to a new Fire Station 10, a wellness and fitness center serving the Fire Department is constructed in the vacated space.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	5,635	0	0	0	0	0	5,635
Real Estate Excise Tax I	0	0	1,059	0	681	0	0	0	1,740
<b>Project Total:</b>	0	0	6,694	0	681	0	0	0	7,375
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	5,635	0	0	0	0	0	5,635
Cumulative Reserve Subfund - REET I Subaccount	0	0	1,059	0	681	0	0	0	1,740
<b>Appropriations Total*</b>	0	0	6,694	0	681	0	0	0	7,375
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	345	345	690
<b>Spending Plan</b>		0	221	1,033	5,163	959	0	0	7,375

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**2006-2011 Proposed Capital Improvement Program**

# Fleets & Facilities

## Fire Station 06

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** New Facility

**Start Date:** 1st Quarter 2007

**Project ID:** A1FL106

**End Date:** 4th Quarter 2010

**Location:** TBD

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project rebuilds Fire Station 06 at a new location in the Central District. The City's final siting decision addresses operational and response requirements. The existing structure is to be nominated for historic landmark designation to protect its historic character and will no longer serve as a fire station. The City intends to convey this property at full market price and requires the resulting proceeds to fund other planned fire facilities. The new Fire Station 06 houses the same functions as the existing facility provides the full complement of services typical of a station of its size. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	5,557	0	0	0	0	5,557
<b>Project Total:</b>	0	0	0	5,557	0	0	0	0	5,557
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	5,557	0	0	0	0	5,557
<b>Appropriations Total*</b>	0	0	0	5,557	0	0	0	0	5,557
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	116	116
<b>Spending Plan</b>		0	0	167	778	3,890	722	0	5,557

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

# Fleets & Facilities

## Fire Station 08

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL108

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2010  
**End Date:** 1st Quarter 2012

**Location:** 110 Lee St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Queen Anne

This project provides a seismic and safety upgrade for Fire Station 08 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. The station continues to house one engine company and a ladder unit. While the station is being upgraded, an interim facility is sited within the neighborhood to provide continuity of fire and medic service until the station project is complete. The Seattle Fire Department funds operations and maintenance costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	1,451	0	1,451
<b>Project Total:</b>	0	0	0	0	0	0	1,451	0	1,451
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	1,451	0	1,451
<b>Appropriations Total*</b>	0	0	0	0	0	0	1,451	0	1,451
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	145	943	1,088

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

# Fleets & Facilities

## Fire Station 09

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2010

**Project ID:** A1FL109

**End Date:** TBD

**Location:** 3829 Linden Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Lake Union

**Urban Village:** Fremont

This project rebuilds Fire Station 09 at its existing location. At 50 years of age, the station building has reached the end of its useful life. When the station is complete, it will meet all current seismic safety codes and provide the full complement of services typical of a one-engine station. This Fremont location will continue to provide compressed air fill service for the north end and continue to house one engine company. While the station is under construction, an interim facility will be sited within the neighborhood to provide continuity of fire and medic service until the station project is complete. The Seattle Fire Department funds operations and maintenance costs. Although the project end date above displays "TBD", it is forecast to be complete in 4th quarter of 2013.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	4,352	0	4,352
<b>Project Total:</b>	0	0	0	0	0	0	4,352	0	4,352
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	4,352	0	4,352
<b>Appropriations Total*</b>	0	0	0	0	0	0	4,352	0	4,352
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	131	609	740

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

**2006-2011 Proposed Capital Improvement Program**

# Fleets & Facilities

## Fire Station 10

**BCL/Program Name:** Fire Station 10

**BCL/Program Code:** A1FL110

**Project Type:** New Facility

**Start Date:** 2nd Quarter 2004

**Project ID:** A1FL110

**End Date:** 3rd Quarter 2007

**Location:** 300 5th Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** International District

This project builds a new, relocated Fire Station 10. The new station houses essentially the same functions as the existing facility, potentially including a headquarters function and Fire Marshal's Office. The existing reserve hazmat unit is slated to move to Fire Station 31. The new Fire Station 10 is co-located with a new Fire Alarm Center (project A1FL201) and a new Emergency Operations Center (project A1FL301). Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

In 2005, Ordinance 121889 appropriated \$2.2 million in REET I funds, \$2.8 million in REET II funds and an additional \$1 million from the 2003 Fire Facilities Fund for this project. Of this \$6 million total appropriation, \$4 million supports an enhanced foundation structure and provides for essential shoring of the neighboring Yesler Way Viaduct; \$1 million provides funding for measures to ensure that the facility meets LEED Silver status; and \$1 million addresses unanticipated inflation costs. Also in 2005, Ordinance 121883 appropriated \$150,000 from the 2003 Fire Facilities Fund to enable the spending of utility rebates for conservation upgrades. These supplemental appropriations are reflected in the fund table below. The table also assumes approval of an additional \$500,000 from the 2003 Fire Facilities Fund to cover an upgrade to 800 MHz communications equipment. Revenues to support this appropriation come from King County's 800 MHz Levy Fund.

The 2006 appropriation of REET I backfills the supplemental appropriation in the same amount from the 2003 Fire Facilities Subfund. The latter appropriation is abandoned in 2006.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	0	0	0	0	0	0	0	0	0
Interdepartmental Transfer	0	0	0	0	0	0	0	0	0
Miscellaneous Grants or Donations	0	650	0	0	0	0	0	0	650
Seattle Voter-Approved Levy	1,898	12,907	(1,000)	0	0	0	0	0	13,805
Real Estate Excise Tax I	0	2,200	1,000	0	0	0	0	0	3,200
Real Estate Excise Tax II	0	2,800	0	0	0	0	0	0	2,800
<b>Project Total:</b>	1,898	18,557	0	0	0	0	0	0	20,455
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	1,898	13,557	(1,000)	0	0	0	0	0	14,455
Cumulative Reserve Subfund - REET I Subaccount	0	2,200	1,000	0	0	0	0	0	3,200
Cumulative Reserve Subfund - REET II Subaccount	0	2,800	0	0	0	0	0	0	2,800
<b>Appropriations Total*</b>	1,898	18,557	0	0	0	0	0	0	20,455
<b>O &amp; M Costs (Savings)</b>			0	76	303	303	303	303	1,288
<b>Spending Plan</b>		3,431	14,043	1,083	0	0	0	0	18,557

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

# Fleets & Facilities

## Fire Station 11

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL111

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2009  
**End Date:** 1st Quarter 2011

**Location:** 1514 SW Holden St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Delridge

**Urban Village:** Not in an Urban Village

This project provides a seismic and safety upgrade for Fire Station 11 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	0	679	699	0	1,378
<b>Project Total:</b>	0	0	0	0	0	679	699	0	1,378
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	0	0	0	679	699	0	1,378
<b>Appropriations Total*</b>	0	0	0	0	0	679	699	0	1,378
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	48	48
<b>Spending Plan</b>		0	0	0	0	138	896	345	1,378

## Fire Station 13

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL113

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2008  
**End Date:** 1st Quarter 2010

**Location:** 3601 Beacon Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project provides a seismic and safety upgrade for Fire Station 13 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. The station continues to house one engine company. It will no longer serve as the lead station for Battalion V as Fire Station 14 assumes this responsibility. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	209	526	0	0	735
<b>Project Total:</b>	0	0	0	0	209	526	0	0	735
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	0	0	209	526	0	0	735
<b>Appropriations Total*</b>	0	0	0	0	209	526	0	0	735
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	39	52	91
<b>Spending Plan</b>		0	0	0	74	478	184	0	735

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

# Fleets & Facilities

## Fire Station 14

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2007

**Project ID:** A1FL114

**End Date:** 4th Quarter 2010

**Location:** 3224 4th Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Greater Duwamish

**Urban Village:** Not in an Urban Village

This project provides for a major renovation and expansion for Fire Station 14. A seismic retrofit, potentially an upgrade of the existing piling foundation, expansion of crew space and equipment storage, and a reconfiguration of the apparatus bays to increase available space and functionality are included in the project. Two existing bays are remodeled to accommodate current apparatus and keep the units out of the weather. Fire Station 14 is to assume the duties of lead station for Battalion V, covering much of south Seattle east of the Duwamish River. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	5,794	0	0	0	0	5,794
<b>Project Total:</b>	0	0	0	5,794	0	0	0	0	5,794
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	5,794	0	0	0	0	5,794
<b>Appropriations Total*</b>	0	0	0	5,794	0	0	0	0	5,794
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	149	149
<b>Spending Plan</b>		0	0	174	811	4,056	753	0	5,794

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

# Fleets & Facilities

## Fire Station 16

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL116

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2009  
**End Date:** 1st Quarter 2011

**Location:** 6846 Oswego Pl. NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Green Lake

This project provides a seismic and safety upgrade for Fire Station 16 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. The remodel requires the transfer of Fire Station 16's existing medic unit to Fire Station 17 in order to improve the bay housing the station's engine unit. The Seattle Fire Department funds operations and maintenance costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	0	454	468	0	922
<b>Project Total:</b>	0	0	0	0	0	454	468	0	922
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	0	0	0	454	468	0	922
<b>Appropriations Total*</b>	0	0	0	0	0	454	468	0	922
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	39	39
<b>Spending Plan</b>		0	0	0	0	92	599	231	922

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

**2006-2011 Proposed Capital Improvement Program**

# Fleets & Facilities

## Fire Station 17

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2006

**Project ID:** A1FL117

**End Date:** 4th Quarter 2009

**Location:** 1050 NE 50th St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northeast

**Urban Village:** University District

This project expands and remodels the building while largely preserving its potentially historic character. This expansion permits Station 17 to assume responsibility as the lead station for Battalion VI, covering Seattle's northeast sector, the Eastlake neighborhood, and a portion of Capitol Hill. Following the expansion, Fire Station 17 has room to house the battalion chief's office and to support the battalion's training activities. The expansion also creates greater capacity for the existing engine and ladder truck. The existing apparatus bay houses a medic unit moved from Fire Station 16. An existing handball court is remodeled to provide a kitchen and dayroom area on the second floor, and a small addition to the second floor accommodates physical training functions. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	3,514	0	0	0	0	0	3,514
Real Estate Excise Tax I	0	0	589	0	0	0	0	0	589
<b>Project Total:</b>	0	0	4,103	0	0	0	0	0	4,103
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	3,514	0	0	0	0	0	3,514
Cumulative Reserve Subfund - REET I Subaccount	0	0	589	0	0	0	0	0	589
<b>Appropriations Total*</b>	0	0	4,103	0	0	0	0	0	4,103
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	209	209	418
<b>Spending Plan</b>		0	123	574	2,872	533	0	0	4,103

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# Fleets & Facilities

## Fire Station 18

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL118

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2011  
**End Date:** TBD

**Location:** 1521 NW Market Street

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Ballard

This project provides a seismic and safety upgrade for Fire Station 18 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. Although the project end date above displays "TBD", it is forecast to be complete in 1st quarter of 2013. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	0	1,013	1,013
<b>Project Total:</b>	0	0	0	0	0	0	0	1,013	1,013
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	0	1,013	1,013
<b>Appropriations Total*</b>	0	0	0	0	0	0	0	1,013	1,013
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	101	101

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

# Fleets & Facilities

## Fire Station 20

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** New Facility

**Start Date:** 1st Quarter 2009

**Project ID:** A1FL120

**End Date:** 4th Quarter 2012

**Location:** TBD

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project builds a new Fire Station 20 at a new location in the West Queen Anne/Interbay area, given that renovation of this small and obsolete station is not cost-effective. The City's siting decision will primarily address operational and response requirements. The City intends to convey excess property not necessary for the redevelopment of the fire station at full market price and requires the resulting proceeds to fund other planned fire facilities. The rebuilt station meets all current seismic safety codes and provides the full complement of services typical of a station housing one engine and one reserve unit. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets. This Fire Facilities Levy Program project relies upon non-Levy funding sources anticipated at the time of the Levy passage to be funded with proceeds from the sale of surplus City property (former fire stations). If revenue from the sale of former fire stations is insufficient to pay for the project, the project will require replacement funding to be constructed.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	0	0	0	0	0	2,050	0	0	2,050
Seattle Voter-Approved Levy	0	0	0	0	0	2,250	0	0	2,250
<b>Project Total:</b>	0	0	0	0	0	4,300	0	0	4,300
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	4,300	0	0	4,300
<b>Appropriations Total*</b>	0	0	0	0	0	4,300	0	0	4,300
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	129	602	3,010	3,741

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# Fleets & Facilities

## Fire Station 21

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** New Facility

**Start Date:** 1st Quarter 2009

**Project ID:** A1FL121

**End Date:** TBD

**Location:** 7304 Greenwood Ave. N

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Greenwood

This project rebuilds the existing Fire Station 21 on an expanded site given that renovation of this obsolete facility is not feasible. The rebuilt Fire Station 21 meets all current seismic safety codes and provides the full complement of services typical of a station of its size. It also continues to house Engine 21 and the Department's Mass Casualty Unit. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets. Although the project end date above displays "TBD", it is forecast to complete in 4th quarter 2013.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	3,968	0	0	3,968
<b>Project Total:</b>	0	0	0	0	0	3,968	0	0	3,968
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	3,968	0	0	3,968
<b>Appropriations Total*</b>	0	0	0	0	0	3,968	0	0	3,968
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	119	556	2,778	3,452

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

# Fleets & Facilities

## Fire Station 22

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2010

**Project ID:** A1FL122

**End Date:** TBD

**Location:** 901 E Roanoke St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** East District

**Urban Village:** Eastlake

This project rebuilds Fire Station 22 in the same location on an expanded site. Fire Station 22 is 40 years old and is inadequately sized for current fire operations. Although the existing site has limited parking, it is large enough to accommodate an upgraded facility within minimal additional land. Following the station's rebuild, it continues to house the E22 engine company and the Department's Incident Command Unit. While the station is under construction, an interim facility is sited within the neighborhood to provide continuity of fire and medic service until the station project is complete. The Seattle Fire Department funds operations and maintenance costs. The final siting configuration and/or location is dependent upon the 520 bridge replacement project and final alignment. Although the project end date above displays "TBD", it is forecast to be complete in 4th quarter 2013.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	4,853	0	4,853
<b>Project Total:</b>	0	0	0	0	0	0	4,853	0	4,853
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	4,853	0	4,853
<b>Appropriations Total*</b>	0	0	0	0	0	0	4,853	0	4,853
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	146	679	825

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

# Fleets & Facilities

## Fire Station 24

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL124

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2010  
**End Date:** 4th Quarter 2012

**Location:** 401 N 130th St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Bitter Lake Village

This project provides a seismic and safety upgrade for Fire Station 24 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. While Fire Station 24 is being upgraded, an interim facility is sited within the neighborhood to provide continuity of fire and medic service until the station project is complete. The Seattle Fire Department funds operations and maintenance costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	1,210	0	1,210
<b>Project Total:</b>	0	0	0	0	0	0	1,210	0	1,210
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	1,210	0	1,210
<b>Appropriations Total*</b>	0	0	0	0	0	0	1,210	0	1,210
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	121	787	908

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

# Fleets & Facilities

## Fire Station 25

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL125

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2010  
**End Date:** 4th Quarter 2012

**Location:** 1300 E Pine St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** East District

**Urban Village:** Capitol Hill

This project provides a seismic and safety upgrade for Fire Station 25 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. A change in station operations moves Fire Station 25's existing battalion chief unit and reserve battalion chief unit to Fire Station 02. Despite this move, Fire Station 25 remains the lead station for Battalion II. The transfer is planned because Fire Station 02 offers ample room for multiple apparatus bays and would permit Fire Station 25 the capacity to house another medic unit if future demand warrants the service expansion. While the station is being upgraded, an interim facility is sited within the neighborhood to provide continuity of fire and medic service until the station project is complete. The Seattle Fire Department funds operations and maintenance costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	1,260	0	1,260
<b>Project Total:</b>	0	0	0	0	0	0	1,260	0	1,260
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	1,260	0	1,260
<b>Appropriations Total*</b>	0	0	0	0	0	0	1,260	0	1,260
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	126	819	945

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

# Fleets & Facilities

## Fire Station 26

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL126

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2011  
**End Date:** TBD

**Location:** 800 S. Cloverdale Street

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** South Park

This project provides a seismic and safety upgrade for Fire Station 26 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. Although the project end date above displays "TBD", it is forecast to be complete in 1st quarter of 2013. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	0	1,073	1,073
<b>Project Total:</b>	0	0	0	0	0	0	0	1,073	1,073
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	0	1,073	1,073
<b>Appropriations Total*</b>	0	0	0	0	0	0	0	1,073	1,073
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	107	107

## Fire Station 27

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL127

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2009  
**End Date:** 1st Quarter 2011

**Location:** 1000 S Myrtle St.

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Greater Duwamish

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project provides a seismic and safety upgrade for Fire Station 27 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	0	521	536	0	1,057
<b>Project Total:</b>	0	0	0	0	0	521	536	0	1,057
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	0	0	0	521	536	0	1,057
<b>Appropriations Total*</b>	0	0	0	0	0	521	536	0	1,057
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	47	47
<b>Spending Plan</b>		0	0	0	0	106	687	264	1,057

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

# Fleets & Facilities

## Fire Station 28

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2006

**Project ID:** A1FL128

**End Date:** 4th Quarter 2009

**Location:** 5968 Rainier Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Not in an Urban Village

This project renovates and expands the existing Fire Station 28 to accommodate additional equipment, apparatus, and crew support functions. The main level receives a full seismic retrofit and is reconfigured to accommodate a third apparatus bay. The other major change to Fire Station 28 is construction of a new 5,400-square-foot building at the rear of the main station site to accommodate the Fire Department's Metropolitan Medical Response System, and Urban Search and Rescue units. Following the upgrade, Fire Station 28 continues to house the engine, ladder, and medic units, and provides storage space for equipment associated with the Urban Search and Rescue and Metropolitan Medical Response System. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	5,373	0	0	0	0	0	5,373
Real Estate Excise Tax I	0	0	901	0	0	0	0	0	901
<b>Project Total:</b>	0	0	6,274	0	0	0	0	0	6,274
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	5,373	0	0	0	0	0	5,373
Cumulative Reserve Subfund - REET I Subaccount	0	0	901	0	0	0	0	0	901
<b>Appropriations Total*</b>	0	0	6,274	0	0	0	0	0	6,274
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	180	180	360
<b>Spending Plan</b>		0	188	878	4,392	816	0	0	6,274

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

**2006-2011 Proposed Capital Improvement Program**

# Fleets & Facilities

## Fire Station 29

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL129

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2011  
**End Date:** TBD

**Location:** 2139 Ferry Avenue SW

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** Admiral District

This project provides a seismic and safety upgrade for Fire Station 29 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. Although the project end date above displays "TBD", it is forecast to be complete in 1st quarter of 2013. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	685	425	0	0	0	1,110
<b>Project Total:</b>	0	0	0	685	425	0	0	0	1,110
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	0	685	425	0	0	0	1,110
<b>Appropriations Total*</b>	0	0	0	685	425	0	0	0	1,110
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	0	111	111

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

# Fleets & Facilities

## Fire Station 30

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** New Facility

**Start Date:** 1st Quarter 2008

**Project ID:** A1FL130

**End Date:** 4th Quarter 2011

**Location:** 2931 Mount Baker Dr. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** North Rainier

This project rebuilds Fire Station 30 at its existing location. The building's square footage is more than doubled due to a small expansion of the building's footprint and its expected design as a two-story building. The complete station continues to house one engine company and a reserve engine. It also meets all current seismic safety codes and provides the full complement of services typical of a station of its size. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	3,951	0	0	0	3,951
<b>Project Total:</b>	0	0	0	0	3,951	0	0	0	3,951
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	3,951	0	0	0	3,951
<b>Appropriations Total*</b>	0	0	0	0	3,951	0	0	0	3,951
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	119	553	2,766	514	3,951

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

# Fleets & Facilities

## Fire Station 31

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL131

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2006  
**End Date:** 1st Quarter 2008

**Location:** 1319 N Northgate Wy.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Northwest

**Urban Village:** Aurora-Licton

This project provides a seismic and safety upgrade for Fire Station 31 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. At the conclusion of the project, Fire Station 31 houses a hazmat reserve unit intended to serve the north end of Seattle that is transferred from Fire Station 10. The station continues to house an engine, ladder, medic unit, and trailer-mounted generator. While the station is being upgraded, an interim facility is sited within the neighborhood to provide continuity of fire and medic service until the station project is complete. The Seattle Fire Department funds operations and maintenance costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	2,122	0	0	0	0	0	2,122
<b>Project Total:</b>	0	0	2,122	0	0	0	0	0	2,122
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	2,122	0	0	0	0	0	2,122
<b>Appropriations Total*</b>	0	0	2,122	0	0	0	0	0	2,122
<b>O &amp; M Costs (Savings)</b>			0	0	94	125	125	125	469
<b>Spending Plan</b>		0	212	1,379	531	0	0	0	2,122

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

# Fleets & Facilities

## Fire Station 32

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** New Facility

**Start Date:** 1st Quarter 2008

**Project ID:** A1FL132

**End Date:** 4th Quarter 2011

**Location:** 3715 SW Alaska St.

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southwest

**Urban Village:** West Seattle Junction

This project rebuilds Fire Station 32 on its existing site. As part of the rebuild, Fire Station 32 is slated for major improvements and conversion to the lead station for Battalion VII, which covers all of West Seattle, southwest Seattle, Harbor Island, and the industrial areas lining both sides of the Duwamish River. Following the rebuild, Fire Station 32 continues to house the same functions as the existing facility. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	7,462	0	0	0	7,462
<b>Project Total:</b>	0	0	0	0	7,462	0	0	0	7,462
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	7,462	0	0	0	7,462
<b>Appropriations Total*</b>	0	0	0	0	7,462	0	0	0	7,462
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	224	1,045	5,223	970	7,462

## Fire Station 33

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2007

**Project ID:** A1FL133

**End Date:** 1st Quarter 2009

**Location:** 9645 Renton Ave. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Southeast

**Urban Village:** Rainier Beach

This project provides a seismic and safety upgrade for Fire Station 33 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	1,082	0	0	0	0	1,082
<b>Project Total:</b>	0	0	0	1,082	0	0	0	0	1,082
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	0	1,082	0	0	0	0	1,082
<b>Appropriations Total*</b>	0	0	0	1,082	0	0	0	0	1,082
<b>O &amp; M Costs (Savings)</b>			0	0	0	42	56	56	154
<b>Spending Plan</b>		0	0	108	703	271	0	0	1,082

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

# Fleets & Facilities

## Fire Station 34

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL134

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2009  
**End Date:** 1st Quarter 2011

**Location:** 633 32nd Ave. E

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Central

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project provides a seismic and safety upgrade for Fire Station 34 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	0	496	510	0	1,006
<b>Project Total:</b>	0	0	0	0	0	496	510	0	1,006
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	0	0	0	496	510	0	1,006
<b>Appropriations Total*</b>	0	0	0	0	0	496	510	0	1,006
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	34	34
<b>Spending Plan</b>		0	0	0	0	101	654	252	1,006

## Fire Station 35

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** New Facility  
**Project ID:** A1FL135

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2007  
**End Date:** 4th Quarter 2010

**Location:** 8729 15th Ave. NW

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Ballard

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Crown Hill

This project rebuilds Fire Station 35 at its existing location. By almost doubling the station's square footage, this project creates more adequate bay space for the primary engine, medic unit, and reserve engine assigned to Fire Station 35, as well as an apparatus bay support area sufficient to accommodate decontamination equipment, and crew preparation and vehicle maintenance functions. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	4,218	0	0	0	0	4,218
<b>Project Total:</b>	0	0	0	4,218	0	0	0	0	4,218
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	4,218	0	0	0	0	4,218
<b>Appropriations Total*</b>	0	0	0	4,218	0	0	0	0	4,218
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	95	95
<b>Spending Plan</b>		0	0	127	591	2,953	548	0	4,218

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

# Fleets & Facilities

## Fire Station 36

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL136

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2010  
**End Date:** 1st Quarter 2012

**Location:** 3600 23rd Ave. SW

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Delridge

**Urban Village:** Not in an Urban Village

This project provides a seismic and safety upgrade for Fire Station 36 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. While the station is being upgraded, an interim facility is sited within the neighborhood to provide continuity of fire and medic service until the station project is complete. The Seattle Fire Department funds operations and maintenance costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	974	0	974
Real Estate Excise Tax I	0	0	0	0	0	0	351	0	351
<b>Project Total:</b>	0	0	0	0	0	0	1,325	0	1,325
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	974	0	974
Cumulative Reserve Subfund - REET I Subaccount	0	0	0	0	0	0	351	0	351
<b>Appropriations Total*</b>	0	0	0	0	0	0	1,325	0	1,325
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	133	861	994

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

# Fleets & Facilities

## Fire Station 37

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** New Facility

**Start Date:** 1st Quarter 2007

**Project ID:** A1FL137

**End Date:** 4th Quarter 2010

**Location:** TBD

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project rebuilds Fire Station 37 at a new location in the High Point neighborhood. The City's siting decision primarily addresses operational and response requirements. The existing structure is to be nominated for historic landmark designation to protect its historic character and it will no longer serve as a fire station. The City intends to convey excess property not necessary for the redevelopment of the fire station at full market price and requires the resulting proceeds to fund other planned fire facilities. The rebuilt station meets all current seismic safety codes and provide the full complement of services typical of a station housing one engine and a reserve. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	3,979	0	0	0	0	3,979
<b>Project Total:</b>	0	0	0	3,979	0	0	0	0	3,979
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	3,979	0	0	0	0	3,979
<b>Appropriations Total*</b>	0	0	0	3,979	0	0	0	0	3,979
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	82	82
<b>Spending Plan</b>		0	0	119	557	2,785	517	0	3,979

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

# Fleets & Facilities

## Fire Station 38

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** New Facility

**Start Date:** 1st Quarter 2007

**Project ID:** A1FL138

**End Date:** 4th Quarter 2010

**Location:** TBD

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project rebuilds Fire Station 38 at a new location in the Ravenna/Bryant neighborhood. The City's siting decision primarily addresses operational and response requirements. The existing structure is to be nominated for historic landmark designation to protect its historic character and will no longer serve as a fire station. The City intends to convey excess property not necessary for the redevelopment of the fire station at full market price and requires the resulting proceeds to fund other planned fire facilities. The rebuilt station meets all current seismic safety codes and provides the full complement of services typical of a station housing one engine and a reserve. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	3,979	0	0	0	0	3,979
<b>Project Total:</b>	0	0	0	3,979	0	0	0	0	3,979
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	3,979	0	0	0	0	3,979
<b>Appropriations Total*</b>	0	0	0	3,979	0	0	0	0	3,979
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	81	81
<b>Spending Plan</b>		0	0	119	557	2,785	517	0	3,979

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

# Fleets & Facilities

## Fire Station 39

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** New Facility

**Start Date:** 1st Quarter 2007

**Project ID:** A1FL139

**End Date:** 4th Quarter 2010

**Location:** 12705 30th Ave. NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project rebuilds Fire Station 39 at its existing location. The rebuild provides adequate space for the existing engine company and reserve engine and creates capacity in Fire Station 39 to house a new rescue unit to serve the city's north end should the City later elect to make this strategic apparatus addition. The City intends to convey excess property not necessary for the redevelopment of the fire station at full market price and requires the resulting proceeds to fund other planned fire facilities. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	5,758	0	0	0	0	5,758
<b>Project Total:</b>	0	0	0	5,758	0	0	0	0	5,758
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	5,758	0	0	0	0	5,758
<b>Appropriations Total*</b>	0	0	0	5,758	0	0	0	0	5,758
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	104	104
<b>Spending Plan</b>		0	0	173	806	4,031	749	0	5,758

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

# Fleets & Facilities

## Fire Station 40

**BCL/Program Name:** Neighborhood Fire Stations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A1FL140

**BCL/Program Code:** A1FL1  
**Start Date:** 1st Quarter 2010  
**End Date:** 1st Quarter 2012

**Location:** 9401 35th Ave. NE

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** North

**Urban Village:** Not in an Urban Village

This project provides a seismic and safety upgrade for Fire Station 40 that includes some additional seismic bracing to meet current codes and minor functional improvements to the facility. Fire Station 40 continues to house two apparatus. While the station is being upgraded, an interim facility is sited within the neighborhood to provide continuity of fire and medic service until the station project is complete. The Seattle Fire Department funds operations and maintenance costs.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	0	0	0	0	0	1,217	0	1,217
<b>Project Total:</b>	0	0	0	0	0	0	1,217	0	1,217
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	0	0	0	0	0	0	1,217	0	1,217
<b>Appropriations Total*</b>	0	0	0	0	0	0	1,217	0	1,217
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		0	0	0	0	0	122	791	913

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

# Fleets & Facilities

## Fire Station 41

**BCL/Program Name:** Neighborhood Fire Stations

**BCL/Program Code:** A1FL1

**Project Type:** Improved Facility

**Start Date:** 1st Quarter 2007

**Project ID:** A1FL141

**End Date:** 4th Quarter 2009

**Location:** 2416 34th Ave. W

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Magnolia/Queen Anne

**Urban Village:** Not in an Urban Village

This project provides a major renovation and expansion of Fire Station 41. It addresses current structural and systems inadequacies; slightly expands the existing structure to create additional space for decontamination equipment, crew preparation and vehicle maintenance functions; and replaces certain crew areas displaced by these support functions. The station continues to house the primary engine company. Operations and maintenance costs will be incorporated into future Seattle Fire Department budgets.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	832	1,287	0	0	0	2,119
<b>Project Total:</b>	0	0	0	832	1,287	0	0	0	2,119
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	0	832	1,287	0	0	0	2,119
<b>Appropriations Total*</b>	0	0	0	832	1,287	0	0	0	2,119
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	66	66	132
<b>Spending Plan</b>		0	0	212	1,377	530	0	0	2,119

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

**2006-2011 Proposed Capital Improvement Program**

# Fleets & Facilities

## Fire Station Drainage Improvements

**BCL/Program Name:** Public Safety Facilities - Fire

**BCL/Program Code:** A1PS2

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2006

**Project ID:** PS201

**End Date:** TBD

**Location:** 3600 23rd Ave. SW

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project upgrades the drainage systems at three fire stations to comply with the Stormwater, Grading, and Drainage Control Code (SMC 22.800). The upgraded systems divert the wastewater resulting from washing fire apparatus from the drainage system to the sewer system or to vegetated infiltration swales. Stations 13, 31, and 36 are upgraded. Financing assumptions shown in the table below reflect a successful application to Seattle Public Utilities (SPU) for a grant for design, construction, and monitoring costs. Funding from the SPU grant and Cumulative Reserve Subfund are sufficient for the first three highest-priority stations. Additional appropriation may be requested in future years for construction at stations 5, 11, 18, 33, 40, and 41.

In addition to the nine stations mentioned above, drainage issues at five other stations identified for replacement under the 2003 Fire Facilities and Emergency Response Levy Program will be addressed as part of Fire Levy work. Remaining fire facilities already comply with Stormwater Code. Until upgrade work is completed, the Fire Department has modified washing procedures to minimize washwater impact on receiving waters.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	50	0	0	0	0	0	50
Interdepartmental Transfer	0	0	122	0	0	0	0	0	122
<b>Project Total:</b>	0	0	172	0	0	0	0	0	172
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	0	50	0	0	0	0	0	50
Fleets and Facilities Operating Fund	0	0	122	0	0	0	0	0	122
<b>Appropriations Total*</b>	0	0	172	0	0	0	0	0	172
<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 in thousands of dollars.*

# Fleets & Facilities

## Fire Station Renovations

**BCL/Program Name:** Fire Station Renovations  
**Project Type:** Rehabilitation or Restoration  
**Project ID:** A51542

**BCL/Program Code:** A51542  
**Start Date:** Ongoing  
**End Date:** Ongoing

**Location:** Various Locations

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This program provides resources for routine maintenance and upgrades to Seattle's fire stations. The program is incorporated into the Fire Facilities and Emergency Response Levy, with repairs coordinated with Levy projects. There are no increased operations and maintenance costs associated with projects funded.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	895	171	0	0	0	0	0	0	1,066
Real Estate Excise Tax I	1,404	73	381	0	0	0	0	0	1,858
Property Sales and Interest Earnings-2	862	9	0	0	0	0	0	0	871
<b>Project Total:</b>	3,161	253	381	0	0	0	0	0	3,795
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	895	171	0	0	0	0	0	0	1,066
Cumulative Reserve Subfund - REET I Subaccount	1,404	73	381	0	0	0	0	0	1,858
Cumulative Reserve Subfund - Unrestricted Subaccount	862	9	0	0	0	0	0	0	871
<b>Appropriations Total*</b>	3,161	253	381	0	0	0	0	0	3,795
<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 in thousands of dollars.*

# Fleets & Facilities

## Fire Stations - Land Acquisition

**BCL/Program Name:** Fire Stations - Land Acquisition

**BCL/Program Code:** A1FL101

**Project Type:** New Facility

**Start Date:** 1st Quarter 2004

**Project ID:** A1FL101

**End Date:** 2nd Quarter 2006

**Location:** Various Locations

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project funds land purchases for the neighborhood fire station projects included in the Fire Facilities and Emergency Response Levy program. The new properties house rebuilt stations that are expected to move from their existing sites. These stations are located in the Chinatown/International District (Fire Station 10), Central District (Fire Station 06), West Queen Anne/Interbay (Fire Station 20), High Point (Fire Station 37), and Ravenna/Bryant (Fire Station 38). This project also funds strategic land acquisitions that add on to existing station sites. The strategic land acquisition for Fire Station 22 in Roanoke may be delayed due to the SR 520 bridge replacement project and alignment impacts to the existing Fire Station 22, and is not reflected within the spending plan below.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	696	0	0	0	0	0	0	0	696
Seattle Voter-Approved Levy	2,223	9,629	0	0	0	0	0	0	11,852
Real Estate Excise Tax I	1,800	2,500	0	0	0	0	0	0	4,300
Property Sales and Interest Earnings-2	4	0	0	0	0	0	0	0	4
<b>Project Total:</b>	4,723	12,129	0	0	0	0	0	0	16,852
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	696	0	0	0	0	0	0	0	696
2003 Fire Facilities Fund	2,223	9,629	0	0	0	0	0	0	11,852
Cumulative Reserve Subfund - REET I Subaccount	1,800	2,500	0	0	0	0	0	0	4,300
Cumulative Reserve Subfund - Unrestricted Subaccount	4	0	0	0	0	0	0	0	4
<b>Appropriations Total*</b>	4,723	12,129	0	0	0	0	0	0	16,852
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		3,596	8,533	0	0	0	0	0	12,129

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# Fleets & Facilities

## Garden of Remembrance

**BCL/Program Name:** Garden of Remembrance **BCL/Program Code:** A51647  
**Project Type:** Rehabilitation or Restoration **Start Date:** Ongoing  
**Project ID:** A51647 **End Date:** Ongoing

**Location:** 1301 3rd Ave.

**Neighborhood Plan:** Not in a Neighborhood Plan **Neighborhood Plan Matrix:** N/A  
**Neighborhood District:** Downtown **Urban Village:** Commercial Core

This 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 BH Music Center, a private, non-profit affiliate of the Seattle Symphony. This fund pays for major maintenance and replaces garden installations, including irrigation equipment, landscaping, electrical/lighting fixtures, and mechanical water features. There are no additional operations and maintenance costs associated with this project.

This pass-through project is not managed by FFD and is displayed within FFD's CIP for informational purposes only.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	106	20	20	21	21	22	22	23	255
<b>Project Total:</b>	106	20	20	21	21	22	22	23	255
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	106	20	20	21	21	22	22	23	255
<b>Appropriations Total*</b>	106	20	20	21	21	22	22	23	255
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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# Fleets & Facilities

## Joint Training Facility

**BCL/Program Name:** Joint Training Facility

**BCL/Program Code:** A1FL202

**Project Type:** New Facility

**Start Date:** 3rd Quarter 2004

**Project ID:** A1FL202

**End Date:** 3rd Quarter 2006

**Location:** 9401 Myers Wy. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Delridge

**Urban Village:** Not in an Urban Village

This project provides a facility for specialized and legally required training for employees of the Fire Department, Seattle Public Utilities, and the Seattle Department of Transportation. Much of the training equipment that is provided at this new facility is cross functional; all three departments, for example, require training for tunnel extractions and elevated tower operations, including rescues. Funds for acquisition are excluded from the costs below, as final costs for acquisition and related financing expense are not yet known, pending sale of excess property. Facility maintenance costs are incorporated in FFD's 2006 budget.

In 2005, Ordinance 121883 appropriated \$51,000 from the 2003 Fire Facilities Subfund to enable the use of utility rebates for conservation measures incorporated into the overall project.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Subfund Revenues	2,500	0	0	0	0	0	0	0	2,500
General Obligation Bonds	0	235	0	0	0	0	0	0	235
Interdepartmental Transfer	0	3,400	0	0	0	0	0	0	3,400
Miscellaneous Grants or Donations	0	51	0	0	0	0	0	0	51
Seattle Voter-Approved Levy	6,176	11,824	0	0	0	0	0	0	18,000
Real Estate Excise Tax I	0	2,321	1,000	0	0	0	0	0	3,321
Property Sales and Interest Earnings-2	0	25	0	0	0	0	0	0	25
<b>Project Total:</b>	<b>8,676</b>	<b>17,856</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,532</b>
<b>Fund Appropriations/Allocations</b>									
2002 LTGO Capital Project Fund	2,500	0	0	0	0	0	0	0	2,500
2002B LTGO Capital Project Fund	0	235	0	0	0	0	0	0	235
2003 Fire Facilities Fund	6,176	15,275	0	0	0	0	0	0	21,451
Cumulative Reserve Subfund - REET I Subaccount	0	2,321	1,000	0	0	0	0	0	3,321
Cumulative Reserve Subfund - Unrestricted Subaccount	0	25	0	0	0	0	0	0	25
<b>Appropriations Total*</b>	<b>8,676</b>	<b>17,856</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,532</b>
<b>O &amp; M Costs (Savings)</b>			300	344	344	344	344	344	2,020
<b>Spending Plan</b>		14,951	3,905	0	0	0	0	0	18,856

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# Fleets & Facilities

## Large Fireboat

**BCL/Program Name:** Large Fireboat  
**Project Type:** New Investment  
**Project ID:** A1FL401

**BCL/Program Code:** A1FL401  
**Start Date:** 2nd Quarter 2004  
**End Date:** 3rd Quarter 2007

**Location:** Puget Sound

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

This project funds a new high performance fireboat to replace the Chief Seattle as the City's primary saltwater firefighting vessel. The vessel is designed and constructed for a 50-year service life. Some of the funding for the Large Platform Fireboat was received in 2004 from grants from the Port of Seattle and the Federal Urban Area Security Initiative (UASI) grant funds. The scope and budget have increased over those previously anticipated to accommodate equipment required by UASI funding to provide "Chemical Biological Radiological Nuclear Explosive" (CBRNE) capacity.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	0	2,654	0	0	0	0	0	0	2,654
Miscellaneous Grants or Donations	78	461	0	0	0	0	0	0	539
Seattle Voter-Approved Levy	0	8,924	0	0	0	0	0	0	8,924
<b>Project Total:</b>	78	12,039	0	0	0	0	0	0	12,117
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	78	12,039	0	0	0	0	0	0	12,117
<b>Appropriations Total*</b>	78	12,039	0	0	0	0	0	0	12,117
<b>O &amp; M Costs (Savings)</b>			0	216	216	216	216	216	1,080
<b>Spending Plan</b>		778	7,500	3,761	0	0	0	0	12,039

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# Fleets & Facilities

## Police Facilities

**BCL/Program Name:** Public Safety Facilities - Police

**BCL/Program Code:** A1PS1

**Project Type:** Rehabilitation or Restoration

**Start Date:** 1st Quarter 2005

**Project ID:** A1PS101

**End Date:** 3rd Quarter 2007

**Location:** Various Locations

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Not in a Neighborhood District

**Urban Village:** Not in an Urban Village

This project provides for certain improvements to Seattle Police Department facilities at the Airport Way Center (formerly Park 90/5), the East Precinct, and the K-9 Facility. Work during the 2005-06 biennium includes, but is not limited to, items such as the installation of a building automation system and replacement of the 50-ton HVAC air handlers at Park 90/5; roof repairs at the K-9 Facility; and replacement of an emergency generator and HVAC system at the East Precinct. The emergency generator project is funded with Cumulative Reserve Subfund - Unrestricted Subaccount funds, due to fund restrictions on other general government capital funds. The LTD budget shown below includes amounts previously appropriated to the BCL A51638.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	1,172	15	0	0	0	0	0	0	1,187
Real Estate Excise Tax I	0	1,054	40	0	0	0	0	0	1,094
Property Sales and Interest Earnings-2	0	0	80	0	0	0	0	0	80
<b>Project Total:</b>	1,172	1,069	120	0	0	0	0	0	2,361
<b>Fund Appropriations/Allocations</b>									
2002B LTGO Capital Project Fund	1,172	15	0	0	0	0	0	0	1,187
Cumulative Reserve Subfund - REET I Subaccount	0	1,054	40	0	0	0	0	0	1,094
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	80	0	0	0	0	0	80
<b>Appropriations Total*</b>	1,172	1,069	120	0	0	0	0	0	2,361
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		595	477	117	0	0	0	0	1,189

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**2006-2011 Proposed Capital Improvement Program**



# Fleets & Facilities

## Small Fireboat

**BCL/Program Name:** Small Fireboat  
**Project Type:** New Investment  
**Project ID:** A1FL403

**BCL/Program Code:** A1FL403  
**Start Date:** 2nd Quarter 2004  
**End Date:** 2nd Quarter 2006

**Location:** Puget Sound

**Neighborhood Plan:** Not in a Neighborhood Plan  
**Neighborhood District:** Not in a Neighborhood District

**Neighborhood Plan Matrix:** N/A  
**Urban Village:** Not in an Urban Village

Anticipated through the passage of the 2003 Fire Facilities and Emergency Response Levy by Seattle voters in November 2003, this project received full funding in 2004 from the Federal Urban Area Security Initiative (UASI) grant funds. This project was titled "CBRNE Response Vessel" in the 2005-2010 Adopted CIP. The scope and budget have increased over those previously anticipated to accommodate equipment required by UASI funding to provide "Chemical Biological Radiological Nuclear Explosive" (CBRNE) capacity. This increase is fully funded from the federal UASI grant funds.

This small fireboat provides speed, agility, and enough redundancy to ensure adequate coverage even when one of the City's two other fireboats (see projects A1FL401 and A1FL402) is in dry dock for annual maintenance. This vessel is designed and constructed for a 20-year service life.

The budget amounts shown below assume passage of a pending 4th Qtr 2005 Supplemental appropriation of \$24,150 for interest earned on a prior Port of Seattle grant to support the City's marine firefighting capacity.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Federal Grant Funds	69	1,641	0	0	0	0	0	0	1,710
Miscellaneous Grants or Donations	0	24	0	0	0	0	0	0	24
<b>Project Total:</b>	69	1,665	0	0	0	0	0	0	1,734
<b>Fund Appropriations/Allocations</b>									
2003 Fire Facilities Fund	69	1,665	0	0	0	0	0	0	1,734
<b>Appropriations Total*</b>	69	1,665	0	0	0	0	0	0	1,734
<b>O &amp; M Costs (Savings)</b>			16	32	32	32	32	32	176
<b>Spending Plan</b>		384	1,281	0	0	0	0	0	1,665

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# Fleets & Facilities

## Utility Payment Center

**BCL/Program Name:** General Government Facilities - General

**BCL/Program Code:** A1GM1

**Project Type:** Rehabilitation or Restoration

**Start Date:** 4th Quarter 2005

**Project ID:** A1GM106

**End Date:** 4th Quarter 2006

**Location:** 600 4th Ave

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** Commercial Core

This project creates a customer-friendly and accessible utility payment center in the 5th Avenue lobby of Seattle City Hall, in the vacant, semi-raw space behind the privately leased existing coffee cart (along the northern wall west of the Department of Neighborhood's Citizen Service Bureau). The utility payment center allows the City's utility customers easy access to assistance in paying utility bills and other related customer service performed by Seattle Public Utilities, Seattle City Light, and Department of Executive Administration.

The project is predominantly funded by the utilities (\$634,000), with a smaller portion funded from non-utility capital funds (\$179,000) for space to be occupied by DEA staff and/or equipment. The \$179,000 from the Cumulative Reserve Subfund is included in the table below and proposed 3rd Quarter 2005 Supplemental legislation. There are no increased operational costs to FFD because of the project, but there are increased staffing requirements in DEA that have been included in that department's operating budget.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	179	0	0	0	0	0	0	179
Interdepartmental Transfer	0	634	0	0	0	0	0	0	634
<b>Project Total:</b>	0	813	0	0	0	0	0	0	813
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - REET I Subaccount	0	179	0	0	0	0	0	0	179
Fleets and Facilities Operating Fund	0	634	0	0	0	0	0	0	634
<b>Appropriations Total*</b>	0	813	0	0	0	0	0	0	813
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan</b>		122	691	0	0	0	0	0	813

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# Fleets & Facilities

## Vehicle Refinishing Facility

**BCL/Program Name:** Collision Repair Facility

**BCL/Program Code:** A51640

**Project Type:** New Facility

**Start Date:** 1st Quarter 2003

**Project ID:** A51640

**End Date:** TBD

**Location:** 714 Charles St

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** International District

This project builds a Vehicle Refinishing Facility at the Charles Street Maintenance Facility through the potential renovation of existing Collision Repair Facility space and the addition of a new paint shop booth adjacent to the existing facility. Final scope is dependent on available resources. The project is supplemented by additional funds to be determined from the Department's operating fund and potentially other available capital funds transferred from other projects. This project was formerly titled "Haller Lake Maintenance Facility - Vehicle Paint and Body Shop" in the 2005-2010 Adopted CIP.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Obligation Bonds	443	0	0	0	0	0	0	0	443
General Obligation Bonds	136	97	0	0	0	0	0	0	233
General Obligation Bonds	443	0	0	0	0	0	0	0	443
Real Estate Excise Tax I	1,884	1,553	0	0	0	0	0	0	3,437
<b>Project Total:</b>	2,906	1,650	0	0	0	0	0	0	4,556
<b>Fund Appropriations/Allocations</b>									
1-2-3 Bond Fund	443	0	0	0	0	0	0	0	443
2002B LTGO Capital Project Fund	136	97	0	0	0	0	0	0	233
City Facilities Renovation & Improvement Fund - 123 Bonds	443	0	0	0	0	0	0	0	443
Cumulative Reserve Subfund - REET I Subaccount	1,884	1,553	0	0	0	0	0	0	3,437
<b>Appropriations Total*</b>	2,906	1,650	0	0	0	0	0	0	4,556
<b>O &amp; M Costs (Savings)</b>			N/C	N/C	N/C	N/C	N/C	N/C	0
<b>Spending Plan</b>		165	1,073	412	0	0	0	0	1,650

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# Fleets & Facilities

## Wing Luke Asian Museum

**BCL/Program Name:** General Government Facilities - Community-Based **BCL/Program Code:** A1GM2  
**Project Type:** Improved Facility **Start Date:** 1st Quarter 2006  
**Project ID:** A1GM202 **End Date:** 4th Quarter 2006

**Location:** S King St./8th St. S

**Neighborhood Plan:** Not in a Neighborhood Plan

**Neighborhood Plan Matrix:** N/A

**Neighborhood District:** Downtown

**Urban Village:** International District

The City intends to commit \$1 million toward redevelopment of the East Kong Yick Building into a new home for the Wing Luke Asian Museum. The Museum has outgrown its current 7,000-square-foot facility. The renovated East Kong Yick Building provides approximately 38,000 square feet of space for exhibitions, administrative offices, community use, and general retail use. The \$24.7 million estimated project costs include property acquisition and construction costs. The Museum is conducting a capital campaign to raise this amount. Funders include the State of Washington (\$1.5 million), Metropolitan King County (\$765,000), the City of Seattle, and private contributors. The release of City funds is contingent upon a yet to be completed agreement between the City and the Wing Luke Museum. The Mayor's Office of Arts & Cultural Affairs anticipates the agreement to be completed in early 2006. This CIP project exists wholly as a mechanism for appropriating the City's \$1 million investment in the renovation.

The project is displayed within FFD's CIP for informational purposes only. The Office of Arts & Cultural Affairs will manage the City's agreement with the Museum. The renovation project will be managed by the Wing Luke Asian Museum.

	LTD	2005	2006	2007	2008	2009	2010	2011	Total
<b>Revenue Sources</b>									
General Subfund Revenues	0	0	500	0	0	0	0	0	500
Property Sales and Interest Earnings-2	0	0	500	0	0	0	0	0	500
<b>Project Total:</b>	0	0	1,000	0	0	0	0	0	1,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	1,000	0	0	0	0	0	1,000
<b>Appropriations 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</b>		0	0	0	0	0	0	0	0

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



## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
<b><u>City Light</u></b>				
6161	Boundary Dam - Safety Improvements	This project will design and install an improved dam safety monitoring system.	0	10382 Boundary Rd
8203	Broad Street Substation Networks	This project will install new vaults and conduits in the Broad Street Substation service area.	4,387	6th AV N/Broad St
6171	Cedar Falls - Intake Gate Replacement	This project will install a new intake gate at Cedar Falls.	312	19901 Cedar Falls Rd SE
9009	Communications Improvements	This project will fund replacement of communications components in City Light's communications system.	300	Citywide
9307	Distribution Area Communications Networks	This project will provide fiber rings to Seattle-area facilities to create a secure digital communications network.	638	Citywide
8301	First Hill Network	This project will install new vaults and conduits in the First Hill service area.	718	1100 Madison St
6222	Gorge Dam - Spillgate Control Improvements	This project will replace motor starters and controls at two dam spillgates.	33	Milepost 121 State Highway 20
8202	Massachusetts Street Substation Networks	This project will install new vaults and conduits in the Massachusetts Street Substation service area.	234	1555 Utah AV S
8054	Meter Additions	This project will install new meters and upgrade existing meters annually.	3,784	Citywide
8057	Network Additions and Services	This project will fund capacity additions to the Network electrical system.	8,688	Citywide
8122	North Capacity Additions	This project will build new electric line segments adding capacity.	10,079	Citywide
8120	North Services - Overhead and Underground	This project will add electrical customers to the distribution system.	9,173	1300 N 97th St
7755	Power Stations Demand Driven Improvements	This project will fund the design and installation of new electrical service connections.	64	Citywide
7753	Relaying Improvements	This project will improve general metering, control, and relaying systems.	1,229	Citywide
8123	South Capacity Additions	This project will build new electric line segments adding capacity.	7,021	Citywide
7757	South Lake Union Substation Development	Ordinance 121753 in 2005 reduced the allocation shown for this project in the 2005-10 Adopted CIP.	3,467	Citywide
8121	South Services - Overhead and Underground	This project will add electrical customers to the distribution system.	5,227	Citywide

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
7751	Substation Capacity Additions	This project will provide new infrastructure to existing substations and systems by adding transformers and related equipment.	1,453	Citywide
7011	Transmission Capacity	This project will fund upgrades to short spans of the transmission system.	745	Citywide
7105	Transmission Inter-Agency	This project will fund improvements to the transmission system.	200	Citywide
7104	Transmission Reliability	This project will fund preliminary engineering and system analysis for transmission system improvements.	4,481	Citywide
8201	Union Street Substation Networks	This project will install new vaults and conduits in the Union Street Substation service area.	1,665	1312 Western AV

*\*Amounts in thousands of dollars*

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
<b><u>Fleets &amp; Facilities</u></b>				
A34200-2	Civic Center Plan - Seattle Municipal Tower, Airport Way Center, and Other Projects	This project will provide for renovation of 750,000 square feet of office space within Seattle Municipal Tower, 18,000 square feet of retail space at the new City Hall, and renovation of more than 276,000 square feet of work space and evidence storage at Airport Way Center.	675	600 4th Ave.
A1GM204	Colman School – Northwest African American Museum	This project will create approximately 22,000 square feet of museum space, 36 units of affordable rental housing, and office space.	1,000	2401 S Irving St.
A1FL303	Emergency Community Disaster Supplies	This project will create several emergency community disaster caches stocked with emergency shelter supplies for about 1,000 people each.	0	Various Locations
A1FL304	Emergency Community Shelters Power Supply	This project will fund the City's purchase of several trailer-mounted generators and installation at several Parks Department sites.	0	Various Locations
A1FL302	Emergency Fire Suppression Water Supply	This project will fund hardened hydrants to be installed at several reservoirs and at water storage tanks; several dry hydrants will be placed into fresh and salt-water sources.	0	Various Locations
A1FL301	Emergency Operations Center	This project will fund a new 16,684-square-foot facility - approximately 9,200 square feet larger than the existing Emergency Operations Center.	0	300 5th Ave.
A1FL201	Fire Alarm Center	The new Fire Alarm Center will be 34,296 square feet - approximately 5,200 square feet larger than the existing facility.	0	300 5th Ave.
A1FL102	Fire Station 02	This renovated station will be approximately 34,000 square feet - about 15,000 square feet larger than the existing station.	6,694	2334 4th Ave.
A1FL106	Fire Station 06	This rebuilt station will be between 11,000 and 13,000 square feet - a maximum of 8,000 square feet larger than the existing station.	0	TBD
A1FL109	Fire Station 09	This renovated station will be approximately 8,000 square feet - about 2,000 square feet larger than the existing station.	0	3829 Linden Ave. N

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
A1FL110	Fire Station 10	This rebuilt station will be between 29,000 and 32,000 square feet - about 10,000 square feet larger than the existing location.	0	300 5th Ave.
A1FL114	Fire Station 14	The renovated station will be between 14,000 and 19,000 square feet - a maximum of 5,000 square feet larger than the existing station.	0	3224 4th Ave. S
A1FL117	Fire Station 17	This renovated station will be between 20,000 and 22,000 square feet - a maximum of 8,000 square feet larger than the existing station.	4,103	1050 NE 50th St.
A1FL120	Fire Station 20	This rebuilt station will be approximately 8,000 square feet - about 5,000 square feet larger than the existing station.	0	TBD
A1FL121	Fire Station 21	This rebuilt station will be approximately 8,000 square feet - about 4,000 square feet larger than the existing station.	0	7304 Greenwood Ave. N
A1FL122	Fire Station 22	This project will rebuild Fire Station 22 in the same location on an expanded site with approximately 8,000 square feet of usable space - about twice the size of the existing station.	0	901 E Roanoke St.
A1FL128	Fire Station 28	This renovated station will be approximately 18,000 square feet - about twice the size of the existing station.	6,274	5968 Rainier Ave. S
A1FL130	Fire Station 30	This rebuilt station will be 8,000 square feet - about 4,000 square feet larger than the existing station.	0	2931 Mount Baker Dr. S
A1FL132	Fire Station 32	This rebuilt station will be between 16,000 and 19,000 square feet - a maximum of 11,000 square feet larger than the existing station.	0	3715 SW Alaska St.
A1FL135	Fire Station 35	This rebuilt station will be approximately 9,400 square feet - about the same size as the existing station.	0	8729 15th Ave. NW
A1FL137	Fire Station 37	This rebuilt station will be approximately 8,000 square feet - about 4,000 square feet larger than the existing station.	0	TBD
A1FL138	Fire Station 38	This rebuilt station will be approximately 8,000 square feet - about 5,000 square feet larger than the existing station.	0	TBD
A1FL139	Fire Station 39	This rebuilt station will be approximately 10,000 square feet - about 7,000 square feet larger than the existing station.	0	12705 30th Ave. NE

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
A1FL141	Fire Station 41	This renovated station will be approximately 6,500 square feet - about 2,000 square feet larger than the existing station.	0	2416 34th Ave. W
A1FL202	Joint Training Facility	This project will construct a classroom building of 26,000 square feet, along with multiple fire and utility training props on a 13-acre site.	1,000	9401 Myers Wy. S
A51640	Vehicle Refinishing Facility	The project will construct a rebuilt and potentially larger paint and body shop facility.	0	714 Charles St

*\*Amounts in thousands of dollars*

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
<b><u>Library</u></b>				
BLBRO1	Broadview Library Expansion	This project will expand library space by 6,595 square feet.	1,814	12755 Greenwood Ave. N
BLDTH1	Douglass-Truth Library Expansion	This project will expand library space by 6,992 square feet.	0	2300 E Yesler Wy.
BLLCY1	Lake City Library Expansion/New Neighborhood Service Center	This project will expand library space by 5,987 square feet and add a new co-located 3,600-square-foot neighborhood service center.	0	12501 25th Ave. NE
BLMAG	Magnolia Library Renovation	This project will expand library space by 1,800 square feet.	287	2801 34th Ave. W
BLMON1	Montlake Library Replacement	This project will expand library space by 3,426 square feet.	0	2232 E McGraw St.
B2NGT1	Northgate - Construction of New Branch	This project will construct a new 10,000-square-foot library.	0	5th Ave. NE/NE 105th St.
BLOPT	Opportunity Fund for Neighborhood Library Projects	This project will expand library space by 10,000 square feet (new South Park & Sand Point Branch Libraries).	1,000	Citywide
BLSWT	Southwest Library Expansion	This project will expand library space by 7,443 square feet.	0	9010 35th Ave. SW

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
<b><u>Parks &amp; Recreation</u></b>				
K733058	37th Ave. S Park Development (John C. Little, Sr. Park)	This project will not increase the physical capacity of the 5.8-acre park.	0	3551 S Holly St.
K733224	Amy Yee Tennis Center	This project adds two new tennis courts to the Amy Yee Tennis Center.	20	2000 M L King Wy S
K733063	Ballard Commons Park (formerly Ballard Municipal Center)	This project will provide a fully-developed 1.4 acre community park that will include landscaping and programming features.	0	20th Ave. NW/NW 57th St.
K733225	Ballard Pocket Park	This project develops a 5,000 sq foot site into a park.	0	17th NW/NW 63rd
K733064	Bellevue Substation Development (or Alternate Site)	Capacity will depend on properties acquired and project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	44	210 Bellevue Ave. E
K73484	Belltown Neighborhood Center	This project will provide 6,000 square feet of leased space on an ongoing basis to accommodate community gatherings in the Belltown area.	0	2407 1st Ave.
K733067	Boren-Pike-Pine Park - Redevelopment	This project will improve 0.6 acres of park space, some of which is currently undeveloped.	0	1533 Boren Ave.
K733069	Brandon Mini-Park Development	This project will add approximately 1.1 acres of turf and a plaza.	0	26th Ave. SW/SW Brandon St.
K733070	Burke-Gilman University Area Improvements	This project upgrades the area around the Burke-Gilman Trail near the University Bridge, I-5 Bridge, and Peace Park.	21	Various
K733071	California Substation - Development	This project will develop 0.34 acres at the corner of SW Dakota and California SW as a park site. The site currently houses a vacant 2,500-square-foot City Light substation.	0	4303 SW Dakota St.
K733072	Capitol Hill Park Development	Capacity will depend on properties acquired and project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	0	TBD
K733228	Cesar Chavez Park	This project develops a 21,000-square-foot park in the South Park area of Seattle.	236	7th Ave S./S. Cloverdale
K733076	Colman School Parking Lot Development	This project will convert an unused 20,000-square-foot parking lot into useful park space.	0	1515 24th Ave. S

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
K733077	Columbia Park Improvements	Capacity will depend on project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	283	4721 Rainier Ave. S
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.	865	Holman Rd NW/13th Ave. NW
K733081	Dexter Pit Park 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.	132	Dexter Ave. N/McGraw Ave.
K731231	Discovery Park - Capehart Acquisition	This project purchases 23 acres of property which will be restored to open space and natural habitat.	3,650	3801 W Government Way
K733229	Ercolini Property	This project develops a new .5 acre park.	0	48th Ave SW/SW Alaska St.
K733082	First Hill Park Development	This project adds an approximately 10,000 square foot neighborhood park.	0	Terry Ave./Cherry St.
K733230	Fremont Peak Park	This project develops a 25,000 square foot park.	150	4351 Palatine Av N
K733084	Gas Works Park - Improvements	This project will improve 1.8 acres of the underdeveloped northwest corner of Gas Works Park.	0	2101 N Northlake Wy.
K733086	Georgetown Playfield Improvements	This project improves landscaping and the field surface at Georgetown Playfield.	343	750 S Homer St.
K733089	Green Lake Park Plaza & Shade Garden 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.	72	7201 E Green Lake Dr. N
K733002	Green Space Acquisition General	Various new properties will be purchased throughout the Levy.	1,300	Citywide
K733091	Greg Davis Park - Development	This project will develop a portion of the 1.3-acre site at Greg Davis Park.	0	26th Ave. SW/SW Brandon St.
K733231	Haller Lake Community Street End Park	This project creates a 13,500 square foot park.	50	N125th St./Densmore Ave N
K732286	Hillman City P-Patch	This project will add a 9,000 square foot park, which will maintain it's current use as a P-Patch.	140	46th Avenue S./S. Lucille Street
K733131	Jefferson Park - Beacon Reservoir Acquisition & Development	This project will make substantial improvements at an existing park. The project's scope is still being considered; the study area covers 50 acres.	700	4165 16th Ave. S

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
K733094	Jefferson Park - Tennis Courts	This project will develop 0.2 acres into two new tennis courts.	0	4165 16th Ave. S
K733232	Junction Plaza Park Development	This project creates a 9,600 square foot park in southwest Seattle.	0	42nd Av SW/SW Alaska
K733098	Laurelhurst Community Center	This project improves and expands an existing 5,200-square-foot community center. Resulting capacity will depend on project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	2,062	4554 NE 41st St.
K732176	Lot 2 Skate Park and Basketball Court Acquisition and Development	This project will build an 8,800 square foot skateboard park and a 5,460 square foot basketball court	2,350	545 Elliott Way W
K732276	Lower Woodland Skateboard Park	This project develops Phase I of a skateboard park in Lower Woodland Park (5,000 square feet).	475	1000 N 50th St.
K733138	Loyal Heights Playfield Improvements	This project will make improvements to a portion of a 6.7-acre site.	1,462	2101 NW 77th St.
K733100	Magnolia Elementary Field Improvements	This project will develop a 2.5-acre site into a neighborhood park.	987	2550 34th Ave. W
K733233	Maple Leaf Community Garden	This project creates a 16,000 square foot P-Patch and Park.	28	529 NE 103rd
K733234	Marra Farm Community Project	This project begins development of a 4.8-acre property.	155	9026 4th Av S.
K733101	Martin Luther King, Jr. Park Improvements	This project will improve the 4.3-acre Martin Luther King, Jr. Park.	0	2200 M L King Jr Wy
K733102	Montlake Community Center	This project will expand an existing 2,810-square-foot community center. Resulting capacity will depend on project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	2,391	1618 E Calhoun St.
K733103	Morgan Substation Park 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.	63	4118 SW Morgan
K733235	Mt. Baker Ridge Viewpoint	This project develops a 4,800 square foot view property.	150	1403 31st Av S

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
K73977-02	Mt. Baker Rowing & Sailing Center - Addition	This project will construct 7,132 square feet and remodel 1,877 square feet of the existing sailhouse, and construct 2,036 square feet and remodel 4,346 square feet of the existing crewhouse. This project doubles the capacity for programs on the site.	1,173	3800 Lk Wash Blvd. Off Rp
K733104	Myrtle Reservoir Development	Capacity will depend on project scopes that will be the subject of negotiations with Seattle Public Utilities and additional citizen review consistent with the Parks Department's Public Involvement Policies.	172	SW 35th Myrtle/SW 35th Myrtle
K73479	Northgate Community Center Construction	This project will build a new 20,000-square-foot community center.	0	NE 105th St./5th Ave. NE
K733107	Northgate Park - Development	This project will develop an estimated 1.67-acre park on a recently purchased commercial site, which will include 31,000 square feet of level area for active recreation. 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	NE 105th St./5th Ave. NE
K732287	Northgate Urban Center Park - Acquisition	This project will acquire a 3.74-acre site in the Northgate Urban Center for development as a park.	0	NE 112th
K733060	Northlake Park (formerly 7th Avenue NE Street End)	This project will develop the 7th Ave. NE street end at Lake Union into a 0.1-acre park.	0	7th Ave. NE/NE Northlake Pl.
K733108	Orchard Street Ravine Improvements	This project will develop trails to access the ravine. The extent of the trails will not be known until planning is completed.	141	39th SW/SW Orchard St.
K733135	OSP - Belltown/Lower Queen Anne Waterfront Connections	Capacity will depend on project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	1,324	3130 Alaskan Wy. W
K731006	OSP - Olympic Sculpture Park Devel./Alaskan Way Improvements	This project will develop 1.8 acres of public right-of-way for artistic enrichment and improved pedestrian circulation.	1,498	3130 Alaskan Wy
K733236	Pinehurst Pocket Park	This project develops an 8,000 square foot park in northeast Seattle.	25	NE 117th St/19th Ave NE

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
K733237	Powell Barnett Legacy Project	The improvements to this project will increase the use of this 4.4 acre park.	178	352 ML King Jr Wy
K733110	Puget Boulevard Commons Development	This project will improve a portion of a 1.9-acre site at Puget Boulevard Commons.	0	Delridge Way SW/26th Ave. SW
K733151	Queen Anne Boulevard Improvements	This project will upgrade the historic Queen Anne Boulevard with pedestrian amenities, lighting, and landscaping.	200	Queen Anne Blvd.
K733111	Queen Anne Park Development	This project will develop a 12,000-square-foot park on a recently purchased site. Capacity will depend on the project scope that will be developed through a community process.	245	700 Queen Anne Ave. N
K733112	Rainier Beach Public Plaza - Development	This project will improve an existing underutilized space and create a public gathering area.	0	8825 Rainier Ave. S
K733140	Sand Point Magnuson Park - Athletic Field Renovation	This project will develop five athletic fields.	4,379	6500 Sand Point Wy. NE
K732099	Sand Point Magnuson Park - Boat Ramp & Pier Renovation	This project will provide additional dock space of 720 square feet.	250	6500 Sand Point Wy NE
K73965	Sand Point Magnuson Park - Northshore, Pier, and Log Boom	This project improves the Sand Point Magnuson Park Pontiac Bay shoreline.	0	6500 Sand Point Wy. NE
K733133	Sand Point Magnuson Park - Wetlands Development	This project will redevelop approximately 65 acres of wetlands.	900	6500 Sand Point Wy. NE
K733120	Seward Park Annex & Hatchery - Renovation	This project will improve a 4,000-square-foot existing building and 1,000 square feet of a covered porch area.	0	5898 Lake Washington Blvd. S
K733134	South Lake Union Park - Development	This project will redevelop approximately 12 acres of largely unimproved open space to serve as active parkland.	5,510	1000 Valley St.
K733124	University Heights Open Space Improvements	Capacity will depend on project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	41	University Wy. NE/NE 50th St.
K73486	Van Asselt Community Center - Expansion	This project will expand the existing 8,600-square-foot center to provide 10,000 square feet of added community center space, and renovate the existing play area.	50	7200 Beacon Ave. S
K733163	Voluntary Green Space Conservation	Capacity will depend on the properties acquired.	30	Citywide

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
K733127	Washington Park Arboretum - Improvements	This project will improve the existing 230-acre Washington Park Arboretum.	0	2300 Arboretum Dr. E
K733141	West Seattle Stadium - Improvements	This project will improve an eight-acre stadium site. The project will not increase the physical size of the stadium, although the improved amenities will increase efficiency and allow for more events to occur, and provide for a new event, the steeple chase.	0	4432 35th Ave. SW
K732291	Woodland Park Zoo Garage	This project will build a new parking garage for the Zoo and will provide approximately 700 additional spaces, and will bring the total number of visitor parking spaces for the Zoo to at least 1,360.	0	5500 Phinney Ave. N

*\*Amounts in thousands of dollars*

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
<b><u>Seattle Center</u></b>				
S0501	Lot 2 Development	Note: The \$9,210 design fee is 50% of the total negotiated amount of \$18,420, based on a projected lifetime total of \$15,350,000. (The construction cost will be a reduction to the sales price, so it will not appear in this CIP project directly.) The balance of \$9,210 will be paid in 2005. A memorandum of understanding is being developed.	2,503	Seattle Center Campus
S0001	Marion Oliver McCaw Hall	This project will renovate the Opera House by increasing lobby space, backstage support space, and the height of the flyloft by 25 feet. The overall project will provide 38,000 square feet of additional floor area.	0	321 Mercer St.
S0103	Theatre District Improvements	This project will create 32,500 square feet of additional open space.	0	Mercer St./2nd Ave. N/5th Ave. N

*\*Amounts in thousands of dollars*

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
<b><u>Seattle Public Utilities</u></b>				
C302305	10718 35th NE Sediment Pond	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	222	10718 35th Ave. NE
C363401	1500 - 2600 Aurora N Landslide	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	31	Aurora Ave. N
C301317	20th Ave. NE Local Drainage	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	5	20th Ave. NE/NE 137th St.
C343203	30th Ave. NE/NE 107 St. Drainage Improvements	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	130	10703 30th Ave. NE
C300329	3rd Ave. NW & NW 107 St. Natural System	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	69	NW 107th St./3rd Ave. NW
C363402	47 SW & SW Maplewood Pl. Landslide	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	50	47th Ave. SW
C353202	4th Ave. S/S Trenton Storm Drain	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	750	S Trenton/2nd Ave./5th Ave.
C404201-DWF	Alaskan Way Viaduct & Seawall	This project will fund planning, preliminary engineering, and design costs associated with drainage, wastewater, and water utility impacts arising from replacing the Alaskan Way Viaduct and Seawall.	1,535	Alaskan Way Viaduct
C404201-WF	Alaskan Way Viaduct & Seawall	This project will fund planning, preliminary engineering, and design costs associated with drainage, wastewater, and water utility impacts arising from replacing the Alaskan Way Viaduct and Seawall.	765	Alaskan Way Viaduct
C353301	Aquatic Habitat Matching Grant Project	This project will fund community-based habitat improvement projects.	300	Various
C103033	Aurora Ave. N (110th - 145th)	This project will conduct preliminary engineering to address the impacts of a transportation project on the City's water system.	16	N 110th St./Aurora Ave. N
C103027	Aurora N Multi-modal Corridor	This project will upgrade a portion of the water system that serves the City of Shoreline, to meet fireflow requirements.	156	N 145th St./Aurora Ave. N

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C303101	Ballard Combined Sewer Overflow	This project will construct approximately 700,000 gallons additional Combined Sewer Overflow storage capacity.	0	Various
C1606	Ballard Locks Improvements	This project will fund the planning, design, and construction of freshwater conservation and smolt passage facilities at the Ballard Locks.	155	3015 NW 54th St.
C353203	Ballard/Fremont Drainage Improvements	This project will construct drainage improvements to meet a 5-year level of service on residential streets and a 25-year level of service on arterials.	90	Various
C301319	Beer Sheva Habitat Improvement	This project will make habitat improvements.	50	Seward Park Ave. S/S Henderson St.
C300316	Best Management Practice Program Implementation	This project will construct stormwater treatment facilities to improve the quality of runoff.	365	Citywide
C301322	Bitter Lake/N 137th Stormwater	This project will construct stormwater treatment facilities to improve the quality of runoff discharged to Bitter Lake.	0	Bitter Lake Drainage Basin/N 145th St.
C1702	BPA - Aquatic & Riparian Restoration	This project will implement aquatic and riparian restoration projects in the Cedar River Watershed.	600	Cedar River Watershed
C1703	BPA - Road Decommissioning/Improvements	This project will implement road decommissioning and road improvement projects in the Cedar River Watershed.	282	Cedar River Watershed
C1704	BPA - Security Measures	This project will improve watershed security in the Cedar River Watershed.	255	Cedar River Watershed
C1705	BPA - Upland Forest Restoration	This project will implement forest restoration projects in the Cedar River Watershed.	390	Cedar River Watershed
C301355	Burke Gilman/NE 144th Landslide	This project will fund preliminary engineering for storm drain improvements that meet the drainage capacity standard of a 25-year storm.	662	NE 145th St./38th Ave. NE
C305101	Capital Planning - CSO Plan Implementation	This project will conduct studies and engineering for projects to reduce Combined Sewer Overflows.	150	Citywide
C343201	Capital Planning - Flood Control & Local Drainage	This project will conduct planning and project development for projects to improve flood control and local drainage.	320	Various
C343301	Capital Planning - Protection of Beneficial Uses	This project will conduct planning for capital projects to protect beneficial uses of receiving waters.	70	Various

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C343401	Capital Planning - Public Asset Protection	This project will fund preliminary assessment of emerging demands related to landslide protection.	100	Citywide
C1119	Cedar Bridges	This project will replace deteriorated bridges in the Cedar River Watershed.	422	Cedar Watershed
C145007	Cedar Eastside Supply Improvement - East Creek	This project will lower and encase in concrete the Cedar Eastside Supply Line to accommodate creek crossing improvements.	0	East Creek & Camber Rd.
C105092	Cedar Falls Facility Master Plan	This project will develop a preliminary study and design plan for upgrading existing facilities at Cedar Falls Headquarters.	247	Cedar Falls Rd. SE
C197009	Cedar Moraine Improvements	This project will improve monitoring capabilities along the northwest slopes of Cedar Moraine.	474	Cedar Watershed
C103001	Cedar River - Education Center Exhibits	This project will fabricate and install interpretive exhibits in the Cedar River Watershed Education Center.	155	Crw Education Center North Bend
C191001	Cedar River Non-HCP Road Improvements	This project will improve roads in the Cedar River Watershed.	828	Cedar Watershed
C102022	Cedar River Northridge Trail	This project will create a trail that provides recreational space along the Cedar River.	11	Cedar River Watershed, Northern Boundary
C1605	Cedar Sockeye Hatchery	This project will construct an incubation facility capable of producing 34 million "swim-up" Sockeye fry.	242	Cedar River
C196015	Cedar Treatment Facility	This project will construct a water treatment facility with an initial capacity of 180 million gallons per day and an ultimate capacity of 275 million gallons per day.	10	Lake Youngs Reservoir
C3NW032-008	Comprehensive Drainage Plan Implementation	This project will create facilities to expand the capacity of the drainage system.	0	Various
C353303	Creek Sediment Control Program	This project will fund erosion control and habitat improvements.	25	Citywide
C353302	Creeks Habitat Complexity Program	This project will fund habitat improvements.	75	Citywide
C3NW033-005	Creeks Hydrology Program	This project will fund improvements to creek hydrology.	0	Various
C353304	Creeks Vegetation Program	This project will restore publicly owned forest located along riparian corridors.	150	Citywide
C304502	Dallas Ave. S Emergency Soil Removal	The temporary stormwater treatment system includes five twenty thousand storage tanks to hold stormwater.	120	17th Ave. S/S Donovan/Dallas Ave. S

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C353204	Delridge Way SW/SW Myrtle - DRN	This project will fund storm drain and water quality improvements.	60	Delridge Wy. SW/SW Myrtle St.
C105087	Distribution Projects Development	This project will fund preliminary assessment of emerging or unanticipated demands related to development of the water distribution system.	103	Citywide
C3NW032-010	Eastlake Ave./Galer-Drainage Improvement	This project will install drainage system improvements.	0	Eastlake Ave. E
C105084	Environmental Steward Project Development	This project will fund preliminary assessment of emerging or unanticipated demands related to the environmental stewardship.	103	Cedar & Tolt River Watershed
C105095	ESA Tolt Levee Modifications	This project will construct a new setback levee at the edge of the Tolt River floodplain.	258	City Of Carnation
C204002	Facilities Master Plan Implementation	This project will involve demolition of two existing solid waste transfer stations and construction of new facilities with additional property.	8,011	Multiple locations
C404602-DWF	Facility Improvements - DWF	This project will provide tenant improvements, office buildouts, and furniture.	1,050	700 5th Ave.
C404602-SWF	Facility Improvements - SWF	This project will provide tenant improvements, office buildouts, and furniture.	287	700 5th Ave.
C404602-WF	Facility Improvements - Water	This project will provide tenant improvements, office buildouts, and furniture.	1,421	700 5th Ave.
C3NW035-004	Facility Security Upgrades - DRN	This project will add security features to Drainage and Wastewater Utility facilities.	0	Haller Lake & Charles St. Facilities
C304202	Facility Security Upgrades - WW	This project will add security features to Drainage and Wastewater Utility facilities.	387	Haller Lake & Charles St. Facilities
C343302	Fecal Total Maximum Daily Load Feasibility	This project will evaluate options for reducing bacteria levels in Seattle's creeks.	0	Various
C1128	Fireflow & Pressure Improvement	This project will improve the distribution system to meet customer service levels.	580	Citywide
C353305	Fish Passage Program	This project will remove fish passage barriers.	40	Citywide
C302204	Force Main/Pump Stations Plan	This program will make improvements in the City's wastewater force mains and pump stations.	142	N/A
C1NW201-003	Fremont Bridge	This project will conduct site restoration related to construction of the West Duwamish Waterway Tunnel.	1	South End Of Fremont Bridge

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C303102	Fremont-Wallingford CSO	This project will construct additional Combined Sewer Overflow capacity.	0	Fremont/Wallingford areas
C343403	Golden Gardens/View Ave. Landslide	This project will fund the preliminary engineering and initial design of a landslide mitigation project.	100	Golden Garden Dr. NW/View Dr. NW
C353306	Greenwood Water Quality Best Management Practice	This project will construct a stormwater treatment facility.	80	N 105th St./N 112th St.
C301303	High Point Drainage System	This project will add 34 blocks of natural drainage system in the Seattle Housing Authority High Point 120-acre redevelopment.	1,100	SW Juneau St./SW Myrtle St.
C206601	Historic Landfill Improvements	This project will start as a study/evaluation and is not anticipated to change existing capacity.	100	Various
C205403	Household Hazard Waste Code Improvements	This project funds anticipated upgrades to the City's solid waste facilities related to handling moderate risk waste.	50	Various
C353550	Intergovernmental Shares - DRN	This project will help develop City projects that have a drainage funding nexus.	2,000	Citywide
C305250	Intergovernmental Shares - WW	This project will help develop City projects that have a drainage funding nexus.	250	Citywide
C399305	Jackson Park Detention - Phase 2	This project will construct three detention ponds.	110	Multiple locations
C204003	Kent Highlands 228th Roadway	This project will fund design work to relocate the existing Kent Highlands Landfill leachate force main.	200	228th St. S
C205404	Kent Highlands Flare Improvement	This project will fund design and construction associated with the continued operation of the Kent Highlands gas flare facility.	100	23076 Military Rd. S
C101006	Lake Young's Outlet Dam Warning System	This project will install a warning system at the Lake Young's Outlet Dam.	41	South Of Lake Youngs Reservoir
C1604	Landsburg Fish Passage Improvements	This project will plan, design, and construct fish passage facilities.	226	Cedar River
C104016	Landsburg Flood Passage Improvement	This project will increase the flood passage capacity of the existing spillway by 8,000 cubic feet per second of flood flow.	410	Landsburg Dam
C302332	Longfellow Creek-Yancy St. - Phase 3	This project will make habitat improvements.	0	SW Yancy St./30th Ave. SW

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C353205	Lower Densmore Drainage Improvement	This project will increase storm water conveyance or detention capacity in the Lower Densmore subbasin.	225	Aurora Ave. N
C406601-DWF	Main Warehouse Improvements - DWF	This project will improve and construct building systems of an existing building.	128	2700 Airport/Way/S
C406601-SWF	Main Warehouse Improvements - SWF	This project will improve and construct building systems of an existing building.	36	2700 Airport/Way/S
C406604-WF	Main Warehouse Improvements - Water	This project will improve and construct building systems of an existing building.	262	2700 Airport/Way/S
C195001	Maple Leaf Gatehouse Pipe Refurbishing	This project will improve the ability to deliver water from the Tolt the water system south of the Ship Canal.	10	NE 83rd St./12th Ave. NE
C353206	Meadowbrook Outfall Rehabilitation	The project will repair or replace 3 damaged outfall pipes discharging overflow stormwater from Meadowbrook Pond.	231	Riviera Pl. NE & NE 105th & NE 106th St.
C203005	Miscellaneous Station Improvements	This project will fund short-term improvements to the existing Solid Waste stations.	500	1350 N 34th St.
C333205	MLK Way/Norfolk St. Storm Improvement	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	183	Norfolk Drainage Basin East Of I-5
C333514	Mobility Improvement	This program funds drainage design on transportation projects.	300	N/A
C343303	Monitoring System Upgrades	This project updates SPU's flow and rainfall monitoring system.	103	Various
C103032	Morse Lake Dead Storage Facilities	This project will either make modifications to the existing Morse Lake Pumping Plants or construct a more reliable and cost-effective alternative system.	927	Cedar River Watershed, Northern Boundary
C302313	N 125th & Aurora N Storm Drain	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	575	N 125th St./Aurora Ave. N
C333206	Natural Drainage System Improvements	This project will install storm drain improvements that meet the drainage capacity of a 10-year storm.	326	Various/3rd Ave. NW
C205308	New Facilities Development	This project will fund planning and project development for improvements to Solid Waste New Facilities.	25	Various

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C3NW032-011	Northpark Ave. N Drainage Improvement	This project will investigate and improve the drainage problem identified at Northpark Avenue North.	0	Northpark Ave N & Linden Ave N
C404501-DWF	Operations Control Center Upgrade - DWF	This project will expand the capacity of an existing building.	286	2700 Airport Wy. S
C404501-SWF	Operations Control Center Upgrade - SWF	This project will expand the capacity of an existing building.	361	2700 Airport Wy. S
C404501-WF	Operations Control Center Upgrade - Water	This project will expand the capacity of an existing building.	1,393	2700 Airport Wy. S
C353520	Other Agency Opportunity - DRN	This project funds major maintenance or studies leading to larger projects.	400	Citywide
C399326	Piper's Creek - Detention	This project will dredge an existing detention pond.	24	777 NW Carkeek Park Rd.
C1AA005	Pump Station - Queen Anne	This project will install a concrete underground booster pump station.	3,018	110 Lee St.
C305230	Pump Station Improvements	This program will provides for wastewater pump station improvements, upgrades, repairs and rehabilitation.	400	Various
C353401	Rainier Ave. S/S Carver - Landslide	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	86	
C1504	Regional Water Conservation Program	This project will extend SPU's water supply by 14.5 MGD using demand reduction from customer upgrades in water-using facilities and equipment to be more water efficient.	3,657	Citywide
C101060	Reservoir Covering - Beacon	This project will underground Beacon Reservoir to protect drinking water quality and create open space.	8,799	S Spokane St./Beacon Ave. S
C196012	Reservoir Covering - Lincoln	This project will underground Lincoln Reservoir to protect drinking water quality and create open space.	21	Nagle Pl./E Denny Wy./E Pine St.
C101078	Reservoir Covering - Maple Leaf	This project will underground Maple Leaf Reservoir to protect drinking water quality and create open space.	2	NE 86th St./Roosevelt Wy. NE
C101076	Reservoir Covering - Myrtle	This project will underground Myrtle Reservoir to protect drinking water quality and create open space.	2,695	35th Ave. SW
C101059	Reservoir Covering - Volunteer	This project will underground Volunteer Reservoir to protect drinking water quality and create open space.	0	12th Ave. E/E Prospect St.

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C101075	Reservoir Covering - West Seattle	This project will underground West Seattle Reservoir to protect drinking water quality and create open space.	284	8th Ave SW/SW Henderson
C101008	Rock Creek Fishway	This project will improve the fish passage at Rock Creek.	115	Lake Youngs
C303103	S Genesee Combined Sewer Overflow	This project will construct approximately 2.4 million gallons of Combined Sewer Overflow storage capacity.	325	S Genesee St.
C304102	S Henderson CSO Storage	This project will construct approximately 4.7 million gallons of Combined Sewer Overflow storage capacity.	325	S Henderson St./Rainier Ave. S
C305202	S Henderson Street Raincatchers	This project will implement a stormwater cistern and rain garden demonstration project and study wastewater and stormwater collection and conveyance alternatives.	628	S Henderson St.
C333307	Salmon Bay Phase 2 Acquisition & Restoration	This project will restore shoreline habitat and improve public access to the shoreline.	10	Salmon Bay
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.	1,018	Citywide
C404301-DWF	Seattle Monorail Project - DWF	This project will fund planning and design of SPU utility relocations and improvements associated with implementation of a new monorail.	0	SW Morgan St./NW 85th St.
C404301-WF	Seattle Monorail Project - Water	This project will fund planning and design of SPU utility relocations and improvements associated with implementation of a new monorail.	0	SW Morgan St./NW 85th St.
C405330	Seattle Monorail Project Watermain Replacement - Water	This project will fund planning and design of SPU utility relocations and improvements associated with implementation of a new monorail.	0	Citywide
C1118	Seismic Upgrade - Buildings	This project will provide seismic upgrades to pump stations, gatehouses, and other miscellaneous buildings.	170	Citywide
C197032	Seismic Upgrade - Cedar River Pipelines at Ginger Creek	This project will provide seismic improvements to make the Cedar River Pipeline more earthquake resistant.	6	Lake Youngs Wy. SE & Kirkland Wy. SE (Renton)
C101038	Seismic Upgrade - Pipeline Backbone	This project will provide seismic improvements to make major pipelines more earthquake resistant.	103	Citywide
C1120	Seismic Upgrade - Tanks	This project will provide seismic upgrades to tanks and standpipes.	1,591	Citywide

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C104035	SLU - Watermain Replacement/South Lake Union Park	This project will replace an existing watermain to meet the fireflow requirements for this zone.	10	South Lake Union
C3AA104	SLU Combined Sewer Overflow - KC	This project will fund a portion of King County's Combined Sewer Overflow improvements.	400	Denny Wy.
C3AA106	SLU Combined Sewer Overflow Phase 2	This project will construct Combined Sewer Overflow improvements.	10	Valley St.
C104036	SLU Watermain - Utility Coordination	This project will address the impacts to SPU water system infrastructure of possible City Light Underground efforts and proposed transportation improvements.	62	South Lake Union
C343402	Small Landslide Projects	This project will provide for spot improvements in landslide-prone areas throughout Seattle.	409	Citywide
C205402	Solid Waste Security Improvements	This project will fund selected security enhancements at solid waste facilities.	100	8100 2nd Ave. S
C405451	Sound Transit Integrated Drainage Plan	This project will make drainage and water quality improvements within the Martin Luther King/Norfolk drainage basin area.	300	Various
C4104-DWF	Sound Transit Light Rail - DWF	This program will fund projects for utility improvements and relocations associated with the development of Sound Transit's Light Rail system.	498	Martin Luther King Jr. Wy. S/S Walden St.
C4104-WF	Sound Transit Light Rail - Water	This program will fund projects for utility improvements and relocations associated with the development of Sound Transit's Light Rail system.	762	Martin Luther King Jr. Wy. S/S Walden St.
C405430	Sound Transit Light Rail - 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.	1,452	Regional
C305502	South Park Soil Project	This project will involve a combination of excavation, soil disposal and replacement, capping, and installation of drainage infrastructure.	581	Dallas Ave South/16th Ave South/South Donovan St
C302353	SW Prescott/Admiral Landslide	This project will install storm drain improvements that meet the drainage capacity standard of a 10-year storm.	485	SW Admiral Wy./SW Spokane Wy.
C399315	Taylor Creek Culverts Phase 2	This project will design and construct fish passage improvements.	315	Taylor Creek/Rainier Ave. S

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C343306	Thornton Creek Water Quality Channel Project	This project will fund preliminary engineering, design and construction of a water quality facility at Northgate Mall.	0	5th Ave. NE
C104057	Tolt Fisheries Mitigation	This project will improve fish habitat conditions on the South Fork Tolt River.	44	South Fork Tolt River
C1AA012	Tolt Instrument and Warning Upgrade	This project will improve the reliability of the Tolt instruments and warning system.	47	Tolt Dam
C100063	Tolt Pipeline 1 Cathodic Protection	This project will extend the life of an existing water pipeline.	5	Between Tolt Treatment Facility and Kelly Rd.
C100084	Tolt Pipeline 2 II & III East of Tieline	This project will construct a pipeline with a transmission capacity of 35 million gallons of water per day.	33	Various
C100083	Tolt Pipeline 2 II & III West of Tieline	This project will construct a pipeline with a transmission capacity of 35 million gallons of water per day.	5	Various
C194029	Tolt Pipeline II - Phase 4	This project will install 32,000 feet of pipeline from the Tolt East Side Supply Junction to the Lake Forest Park Reservoir.	43	Tolt Pipeline Right of Way
C196007	Tolt River Watershed Road Improvements	This project will provide drainage and other road improvements at the Tolt River Watershed.	175	Tolt Watershed
C1NW501-008	Treatment & Transmission Project Development	This project will conduct planning and project development for projects to improve water treatment and transmission systems.	41	Various
C406611-DWF	Utility Payment Center - DWF	This project will construct a new customer service walk-in center on the ground level of City Hall.	218	600 4th Ave.
C406611-SWF	Utility Payment Center - SWF	This project will construct a new customer service walk-in center on the ground level of City Hall.	218	
C406611-WF	Utility Payment Center - Water	This project will construct a new customer service walk-in center on the ground level of City Hall.	224	600 4th Ave.
C302317	Venema Creek Natural Drainage System	This project will add natural drainage system improvements that improve water quality and detain stormwater in an approximately 70-acre sub-basin of Piper's Creek.	405	4th Ave. NW/NW 120th St./NW 122nd St.
C304201	Wastewater Plan	This project will develop a long-range plan to guide improvements to the City's wastewater conveyance system.	100	Citywide
C1112	Water Infrastructure - New Hydrants	This project will improve fire protection by increasing the number of fire hydrants in the city.	12	Citywide

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
C1113	Water Infrastructure - New Taps	This project will install 980 new taps per year to domestic, commercial, and fire protection systems.	3,708	Citywide
C1111	Water Infrastructure - Watermain Extensions	This project will install approximately 8,000 feet of new watermains per year.	1,030	Citywide
C353308	Water Reuse - Stormwater	This project will fund a stormwater reuse project.	50	Citywide
C301203	Water Reuse - Wastewater	This project will fund wastewater reuse projects.	14	Citywide
C1405	Water System Security Improvement	This project will provide increased security and water quality protection at SPU facilities.	5,694	Citywide
C302103	Windermere CSO Storage	This project will construct approximately 500,000 gallons of Combined Sewer Overflow storage capacity.	325	Windemere

*\*Amounts in thousands of dollars*

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
<b><u>Transportation</u></b>				
TC366220	14th Ave. S Street Improvements	This project will provide new traffic controllers and wheelchair ramps.	0	14th Ave. S/S Dallas St./S Director St.
TC365730	35th Ave. NE Street Improvements	This project will upgrade and interconnect 23 traffic signals and provide street improvements.	5,958	35th Ave. NE/NE 55th St./NE 95th St.
TC366460	3rd Avenue NE Extension	This project will construct an extension of 3rd Ave NE between NE 103rd and NE 100th Streets.	0	3rd Ave. NE/NE 100th Ave.
TC366230	5th Ave. NE Improvements	This project will widen sidewalks, define street crossings, add medians and relocate and improve bus shelters along 5th Avenue NE.	531	5th Ave. NE/NE 100th St./NE Northgate St.
TC366560	Alaskan Way Viaduct Emergency Closure Warning Signs	This project will install activated warning signs, closed-circuit television cameras, portable message signs, and specialty detour signs to provide the traveling public with advance warning and routing information in the event of short-term or long-term emergency closure of the Alaskan Way Viaduct.	575	Aurora Avenue North
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 109th St./N 145th St.
TC366210	Belltown/Queen Anne Waterfront Connections - Thomas St.	This project will construct a pedestrian overpass between Elliott Ave. W and Myrtle Edwards Park.	0	
TC366540	Bike and Pedestrian Improvements in South Lake Union	This project will complete various bike and pedestrian improvements in the South Lake Union neighborhood.	360	various
TC322290	Bike Spot Safety Improvements	This project will install special signs, bicycle parking racks, and bicycle lane striping in order to facilitate bicycle mobility.	335	Citywide
TC366370	Bridge Way North and Fremont Circulation	This project will install five new traffic signals and upgrade existing signals; install variable message signs; improve various pedestrian crossings; and rechannelize traffic lanes.	1,440	Bridge Wy. N/Stone Wy. N/Fremont Wy.
TC364830	Burke-Gilman Trail Extension	This project will construct three miles of new multi-use trail.	201	Various
TC366600	Center City Access Program	The project will move improvements to the Center City transportation network from feasibility analysis through pre-design.	500	
TC365690	Chief Sealth Trail	This project will construct 3.6 miles of multi-use trail.	887	

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
TC323860	Collision Evaluation Program	This project will provide safety improvements at hazardous intersections.	149	Citywide
TC323150	Contracted Pedestrian & Bike Improvements	This project will construct pedestrian and bike improvements citywide.	41	Citywide
TC366270	Downtown Seattle Bus Layover	The project will design and construct short-term bus layover space improvements.	0	TBD
TC366200	Downtown Seattle Transit Tunnel Closure Mitigation Project	This project will optimize the capacity of the existing system to mitigate Tunnel closure.	508	Various
TC327010	Duwamish Bikeway	This project will install one-half mile of new multi-use trail.	2	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.	450	Various
TC365850	Duwamish Truck Mobility Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	227	Greater 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.	414	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.	1,441	Citywide
TC364980	Interurban Trail North	This project will construct one mile of new trail, at twelve feet wide.	5	Fremont Ave. N/N 109th St./N 128th St.
TC365380	Lake City Way NE Multimodal	This project will interconnect 15 traffic signals and construct pedestrian and street improvements.	45	Lake City Wy. NE/NE 145th St./12th Ave NE
TC327000	Lake Union Ship Canal Trail	This project will construct 0.75 miles of new trail.	2,758	W Nickerson St./6th Ave. W/15th Ave. W
TC365720	Leary Way NW Signal Improvements	This project will interconnect three existing traffic signals and install transit priority compatible controllers.	3	Leary Wy NW/NW 46th St.
TC323130	Left Turn Signals	This project will add between five and ten left turn signals annually.	170	Citywide
TC366060	Magnolia Bridge Replacement Project	This project will build a new bridge to current engineering standards to replace the existing bridge.	750	Magnolia Bridge

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
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.	2,500	Mercer/Fairview/Dexter Ave
TC365750	Mountains to Sound Greenway Trail	This project will construct 0.25 miles of new trail.	339	Multiple locations
TC366570	NE 100th Street Sidewalk Development	This project will complete the sidewalk system on NE 100th Street east of NE 3rd Street.	240	NE 100th/NE 3rd
TC322280	Neighborhood Bike Improvements	This project will install bicycle lanes, ramps, drain grates, paved shoulders, railroad crossing improvements, and bicycle lane striping to improve bicycle mobility.	0	Various
TC323120	Neighborhood Pedestrian Improvements	This project will construct pedestrian walkways, curb bulbs, and other pedestrian improvements in response to citizen and neighborhood recommendations.	88	Various
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.	332	Citywide
TC366550	Northgate South Lot Sidewalks	This project will construct three segments of sidewalks along the perimeter of the Northgate South Lot.	270	5th Avenue NE/NE 102nd Street/NE 103rd Street
TC366450	Pedestrian Lighting - Capital Costs	The project will add or improve pedestrian lighting in Neighborhood Business Districts.	200	Various
TC323140	Pedestrian/Elderly Handicapped Accessibility	This project will install curb bulbs and other street pedestrian improvements.	690	Citywide
TC366120	Phinney, Fremont, and 50th Street Improvements	This project will interconnect and upgrade 15 signalized intersections and make other street improvements.	0	Various
TC366300	S Henderson Street Improvements	The project will improve access and mobility for pedestrians, transit, bicyclists, freight and vehicles.	0	S Henderson St.
TC366280	S Holgate St. Railroad Crossing	This project will provide installation of shoulder mounts, cantilevers, gates, and upgraded circuitry at the railroad crossing.	0	S Holgate St.
TC366000	S Jackson St. Improvements	This project will construct vehicle, pedestrian, and bicycle improvements, and will interconnect traffic signals.	334	S Jackson St./12th Ave. S/14th Ave. S

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Proj.#	Project Title	Capacity	2006*	Location
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
TC366310	Sound Transit Construction Services	This project will build 14 miles of light rail.	2,766	Various
TC366260	South Lake Union Streetcar	This project will provide a 1.3-mile streetcar route.	32,577	Westlake Av/5th Av
TC364800	Spokane St. Viaduct	This project will install a temporary median barrier, make seismic improvements, and widen the viaduct structure.	15,330	S Spokane St./6th Ave. S - I5 NB Rp/E Marginal Wy. S
TC365020	SR-519	This project will develop an access road in the south Downtown area.	925	1st Ave. S/S King St/S Atlantic St
TC323250	Traffic Control Program	This program will install traffic calming devices on neighborhood streets.	346	Citywide
TC365420	University Way Multi-Modal Improvements	This project will reconstruct the entire roadway between property lines along University Way NE.	0	University Wy. NE/NE Campus Pkwy./NE 50th St.
TC365710	Urban Center Wayfinding	This project will establish a wayfinding system involving the design, fabrication, and installation of various informational signs.	0	Various

\*Amounts in thousands of dollars

# Glossary

**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.

**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 Mayor and the City Council) to make expenditures and incur obligations for specific purposes.

**Asset Preservation (also known as Major Maintenance):** Capital improvement projects that involve major repairs or rehabilitation of existing City facilities.

**Capital Improvement Program (CIP):** Annual appropriations from specific funding sources are shown in the City’s budget for certain capital purposes such as street improvements, building construction, and some kinds 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 which account for resources set aside to acquire or construct major capital facilities; allow for monitoring revenues and expenditures of specifically authorized revenues (i.e. voter approved and Councilmanic bonds and levies).

**City’s Early Action Plan:** The City’s proposal in response to the listing of Chinook salmon as a threatened species under the Endangered Species Act.

**Civic Center Projects:** A new City Hall, Justice Center, and open space on and near the site of the current City Hall.

**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 (CRF):** A significant source of ongoing local funding to support capital projects in general government departments. The CRF consists of two accounts: the Capital Projects Account and the Revenue Stabilization Account. The Capital Projects Account has six subaccounts: REET I, REET II, Unrestricted, South Lake Union Property Proceeds, Street Vacation, and Asset Preservation. The Real Estate Excise Tax (REET) is levied on all sales of real estate with the first .25% of the locally imposed tax going to REET I and the second .25% for REET II.

**Design Build Operate (DBO):** A non-conventional approach to implementation of major capital projects wherein a single vendor is responsible for design, construction, and long-term operation of a facility.

## Glossary

**Debt Service:** Annual principal and interest payments that the 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 and to conserve and recover listed species.

**Fire Facilities and Emergency Response Levy:** A \$167 million 8-year levy lid lift, approved by voters on November 4, 2003. 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 (General Fund):** A central fund into which most of the City's general tax revenues and discretionary resources are pooled, and which is allocated to support many of the operations of City government. General Fund dollars appear in the CIP in two places: the General Fund contribution to the Cumulative Reserve Subfund, and appropriations to capital projects from a department's operating budget.

**Geographic Information System (GIS):** A tool that enables the user to analyze and further 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 wise land use planning and provides protection for environmentally sensitive areas.

**Habitat Conservation Plan (HCP):** A 50-year commitment by the City and the 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 which 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 a designated purpose. (See Seattle Center and Community Centers Levy and 2000 Parks Levy.)

**Libraries for All (LFA):** A \$196.4 million bond measure approved by Seattle voters in 1998 to upgrade Seattle Public Library's 107-year-old library system with new facilities, technology, and books.

**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 (formerly Seattle Arts Commission) that establishes budgets for new 1% for Art program projects and describes the status of existing projects.

**Neighborhood Matching Fund (NMF):** A fund administered by the Department of Neighborhoods which provides 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.

## Glossary

**Operating Budget:** That portion of a budget that deals with recurring expenditures such as salaries, electric bills, postage, printing, paper supplies, and gasoline.

**Public Works Trust Fund:** A low-interest state revolving loan fund designed to help local governments with the repair, replacement, and rehabilitation of public works infrastructure.

**REET I and REET II:** The Real Estate Excise Tax (REET) is levied on all sales of real estate with the first .25% of the locally imposed tax going to REET I and the second .25% for REET II.

**Seattle Center and Community Centers Levy:** An eight-year levy lid lift, approved by the voters in November 1999, which provides \$36 million towards new and improved community centers and \$36 million for a renovated opera house (Marion Oliver McCaw Hall) and flag pavilion (Fisher Pavilion) at Seattle Center.

**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, which voters approve as part of the bond measure.



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