

# **ADOPTED BUDGET**

## **CITY OF PORTLAND**

### **OREGON**



**FISCAL YEAR 2002-2003**

**Volume Three**

**Capital Budget**

**Project Summaries and Detail**

## **Portland's Willamette River Atlas River Renaissance**

**The composed photo illustration on the budget cover was taken from Portland's Willamette River Atlas, a colorful and educational twenty-seven-page compendium of maps and text that describe Portland's changing landscape and relationship with the Willamette River over the past 100 years. Jim Ann Carter was the graphic illustrator in the Bureau of Planning who took the original photograph and graphically shaped it into the vibrant picture seen here. Shot from the Sellwood Bridge, the right foreground highlights Sellwood Waterfront Park while Willamette Park juts into the river from the left. The Willamette River flows grandly through the region with Downtown Portland forming an impressive backdrop.**

**The River Atlas documents the inherent links between the Willamette River and the city of Portland and maps the current characteristics of the river. River Renaissance is the City of Portland's comprehensive initiative to respond to the challenges of the twenty-first century. The River Renaissance Vision calls for a clean and healthy river, a prosperous working harbor, vibrant new waterfront districts and neighborhoods, enhanced access to the river, and new recreational opportunities.**

# **Adopted Budget**

## **City of Portland, Oregon**

**Fiscal Year 2002-03**  
**Volume Three**

### **Capital Improvement Plan**

*Mayor Vera Katz*

*Commissioner Jim Francesconi*

*Commissioner Dan Saltzman*

*Commissioner Erik Sten*

*Auditor Gary Blackmer*

*The contents of this budget are printed on 100%  
post-consumer waste recycled paper.*



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# Budget Award

The Government Finance Officers Association of the United States and Canada (GFOA) presented an award of Distinguished Budget Presentation to the City of Portland, Oregon for its annual budget for the fiscal year beginning July 1, 2001.

In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communication device.

The award is valid for a period of one year only. We believe our current budget document continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.





# Introduction

## OVERVIEW

The City of Portland's five-year capital improvement plan (CIP) budget implements the City's policy of preserving its current physical assets and planning for future capital investments. The CIP budget provides details on City projects which support and enhance the delivery of basic services and infrastructure improvements. These projects reflect the bureaus' prioritization of capital replacement and enhancement projects, estimations of project costs, and identification of the funding sources.

*The City maintains a Aaa bond rating, the highest available to a municipality.*

The City has been following a capital planning and budgeting process since FY 1974-75. The Council's commitment to maintaining the City's capital infrastructure has contributed to the maintenance of a Aaa bond rating for the last 28 years, the highest level attainable by a municipality.

## DEFINITION OF CAPITAL

Projects contained in the CIP budget address or enhance the City's assets, and meet one of the following criteria:

- ◆ New construction, expansion, renovation, or replacement of existing facilities (including the cost of land, engineering, architectural planning, and contractual services) which require a total expenditure of at least \$10,000 over the life of the project, or
- ◆ Major equipment with a cost of \$50,000 or more with a useful life of at least ten years, or
- ◆ Major maintenance or rehabilitation of existing facilities which require an expenditure of \$10,000 or more and have an economic life of at least ten years.

## ORGANIZATION OF THE CIP BUDGET DOCUMENT

The CIP budget is organized by six service areas: Public Safety; Parks, Recreation and Culture; Public Utilities; Community Development; Transportation and Parking; and Legislative, Administrative and Support Services. This volume provides an overview of the plan, including project details, and consists of eight sections:

- ◆ Introduction
- ◆ Overview of Capital Budgeting:
  - ◆ Planning Process
  - ◆ Capital Budget Process

- ♦ Process Improvements
- ♦ Citywide Summary:
  - ♦ Overview
  - ♦ Service Area Summary
  - ♦ General Fund Supported Project Summary
  - ♦ FY 2002-03 General Fund Capital Set-Aside Projects Table
  - ♦ Citywide CIP Project Cost Summary Table
  - ♦ Citywide CIP Funding Summary Table
  - ♦ Citywide CIP by Geographic Area Summary Table
  - ♦ Citywide Net Operating and Maintenance Costs Summary Table
- ♦ Six Service Area summaries:
  - ♦ Service Area Overview
  - ♦ Bureau Overview
  - ♦ Sources and Uses Summary Table
  - ♦ CIP by Geographic Area Table
  - ♦ Project Summary Table
  - ♦ Project Detail Table

## OVERVIEW OF PROJECT DETAIL

Within each service area are details of each CIP project. The project details include: program and project titles, objective, geographic area, project description, funding sources, project costs, and operating/maintenance costs. Descriptions are provided for items which may not be self-explanatory.

The following sections explain components of each CIP project: objective, geographic area, funding sources, project costs, and net O&M costs.

### Objectives

Bureaus are required to indicate which of the following five objectives best describes their capital projects:

#### **Repair/Maintenance**

These projects are necessary to prevent deterioration or return a facility to its original condition.

#### **Replacement**

Projects that correct existing deficiencies by replacing worn out parts of the capital system. For example, these projects may include replacement of sewer lines, streets, or new facilities that relieve an existing overload.

**Mandated**

Mandated projects are required by the City to satisfy federal and/or state regulatory requirements or to meet general public safety standards. Examples include seismic retrofits or improvements, Americans with Disabilities Act (ADA) improvements, environmental cleanup and asbestos removal, security improvements, and fire alarm systems.

**Expansion**

Expansion includes projects or facilities that expand the system's current service area, such as service to newly annexed areas or extension to undeveloped or unserved areas. Projects undertaken by the City to meet new demands are intended to be consistent with the bureaus' long-range facilities plan and land use densities provided in the Comprehensive Plan, while not diminishing the ability to serve existing City residents and properties.

**Efficiency**

These projects are aimed at making the system more efficient through the use of technological improvements or other means. Generally speaking, these projects should save overall financial resources or provide more services without requiring additional resources.

**Geographic Area**

Each CIP project specifies the area within the city of Portland in which the project is located. Table 1 shows the geographic codes for all projects.

**Table 1: Geographic Area Codes**

<b>Code</b>	<b>Geographic Area</b>
ALL	Citywide
CC	Central City
E	East
N	North
N/A	Not Applicable (No Geo Area)
NE	Northeast
NW	Northwest
S	South
SE	Southeast
SW	Southwest
W	West

**Funding Sources**

Funding sources are tracked either on a project, program, or bureau basis. The individual funding sources are grouped into 15 categories shown in Table 2.



**Table 2: Funding Sources**

<b>Funding Source</b>	<b>Examples</b>
General Obligation Bonds	G.O. Bonds retired through property taxes G.O. Bonds retired through General Fund support
Revenue Bonds	Sewer Capital Fund Water Capital Fund Gas Tax Revenue Bonds Parking Bonds Limited Tax Revenue Bonds
LID	Local Improvement Districts
Tax Increment Financing	
System Development Charges	
General Fund Discretionary	Add packages CRC packages
General Transportation Revenue	
Housing Investment Fund (GF)	
Service Charges and Fees	BES permit fees Golf fees License/Permits PDOT permit fees
Bureau Revenues	Interagency bureau revenue Cash transfers Service reimbursements Rents Land sales Loan collections Partnerships

**Table 2: Funding Sources**

<b>Funding Source</b>	<b>Examples</b>
Intergovernmental	State cost sharing PUC Oregon State Marine Board Local cost sharing PDC Port of Portland Multnomah County Tri-Met Metro Intergovernmental contracts
Grants	Federal grants State grants Local matches TEA-21/ISTEA Congestion Management Air Quality HUD Highway Bridge Replacement Title II Safety Tri-Met grants Oregon Department of Transportation EPA Private grants and donations
Other Funding	
Fund Balance	
Unfunded	
<b>Project Cost</b>	Cost schedules are categorized by the following four types of activities: <ul style="list-style-type: none"> <li>◆ Planning</li> <li>◆ Design and project management</li> <li>◆ Site acquisitions</li> <li>◆ Construction and equipment</li> </ul>

**Fund Level Cost**

OMF's General Services undertakes projects on behalf of many of the City's bureaus. These projects may be completed either by General Services or contracted out, both of which require project management. General Services recovers these management costs by charges to bureaus at the fund level.

**Net Operating and Maintenance Costs**

Operating and maintenance (O&M) costs reflect the net ongoing operating costs associated with the project. These include additional O&M costs for new facilities, or savings which may be associated with the replacement of old equipment or new facilities requiring less maintenance.

# Overview Of Capital Budgeting

## PLANNING PROCESS

### Regulatory Requirements

The City's capital budgeting and planning process is consistent with the State of Oregon Administrative Rules, Division 11, Section 6600-11-010 which require the City to develop and maintain public facilities plans. In addition, the CIP must be consistent with the City's Comprehensive Plan and City Council priorities, which are updated annually, and other types of planning documents.

### Public Facilities Plans

The City has completed public facilities plans for each of the major capital bureaus. These include the bureaus of Environmental Services, Water Works, Transportation, Parks and Recreation, Fire, Rescue and Emergency Services, Police, and General Services. The existing public facilities plans, as a whole, provide a framework for the provision of urban public facilities and services within Portland's urban service boundary.

### Comprehensive Plan

*Six goals, found in the Comprehensive Plan, relate directly to capital planning.*

The *Comprehensive Plan Goals and Policies*, adopted and updated annually by City Council since 1981, include the following goals related to capital planning:

**Neighborhoods (Goal 3):** Preserve and reinforce the stability and diversity of the city's neighborhoods while allowing for increased density in order to attract and retain long-term residents and businesses and ensure the city's residential quality and economic vitality.

**Housing (Goal 4):** Enhance Portland's vitality as a community at the center of the region's housing market by providing housing of different types, tenures, density, sizes, costs and locations that accommodate the needs, preferences, and financial capabilities of current and future households.

**Economic Development (Goal 5):** Foster a strong and diverse economy which provides a full range of employment and economic choices for individuals and families in all parts of the city.

**Transportation (Goal 6):** Provide for and protect the public's interest and investment in the public right-of-way and transportation system by encouraging the development of a balanced, affordable and efficient transportation system consistent with the Arterial Streets Classifications and Policies by:

- ◆ Providing adequate accessibility to all planned land uses;
- ◆ Providing for the safe and efficient movement of people and goods while preserving, enhancing, or reclaiming neighborhood livability;
- ◆ Minimizing the impact of inter-regional and longer distance intra-regional trips on city neighborhoods, commercial areas, and the city street system by maximizing the use of regional trafficways and transitways for such trips;
- ◆ Reducing reliance on the automobile and per capita vehicle miles traveled;

- ◆ Guiding the use of the city street system to control air pollution, traffic, and livability problems;
- ◆ Maintaining the infrastructure in good condition.

**Environment (Goal 8):** Maintain and improve the quality of Portland's air, water and land resources, and protect neighborhoods and business centers from detrimental noise pollution.

**Public Facilities (Goal 11):** Provide a timely, orderly and efficient arrangement of public facilities and services that support existing and planned land use patterns and densities.

### **Process Objectives**

The CIP planning process is intended to provide guidance in constructing budgets and implementing projects in a coordinated manner to accomplish the following objectives:

*The CIP helps coordinate the planning and implementing of capital projects.*

- ◆ Ensure coordination among City bureaus in planning and implementing capital projects.
- ◆ Ensure available capital resources, especially for General Fund bureaus, are allocated to the City's highest priority projects.
- ◆ Identify for the City Council both short- and long-term problems, opportunities, and policy issues resulting from bureau capital expenditure plans.
- ◆ Assess the short- and long-term financial impacts of capital projects on individual bureaus and the City as a whole, including an assessment of the impact on rates, debt, and revenue, as well as operations and maintenance costs.
- ◆ Ensure annual capital improvement submissions are consistent with legally required capital public facility plans.

## **CAPITAL BUDGET PROCESS**

All bureaus that plan capital expenditures are required to develop capital budgets. In general, CIP budget development includes the following steps:

### **Bureaus**

Each bureau develops five-year financial plans which detail the operating and capital requirements of the bureau and sources of funding. Simultaneously, the bureau develops a five-year capital improvement plan consistent with the financial plan. Needs are identified based on service levels, projects are proposed and analyzed for costs and benefits, requirements are prioritized, and available resources and/or funding strategies are identified.

### **Public Input**

Public input on both the operating and capital spending priorities is received via community budget forums.

### **Review by Financial Planning**

The capital and financial plans are reviewed by OMF's Financial Planning for reasonable assumptions, viable financing approaches, comprehensive consideration of available financing options, impacts on others such as ratepayers, and consistency with the City's Comprehensive Financial Policy. In addition, the impacts of the projects on operating and maintenance costs are identified. Recommendations may be made to specific bureaus and directly to the City Council.

## Review by Citizen Groups

*Citizens have several opportunities to provide input in the budget process.*

For selected bureaus, the financial and capital plans are reviewed by citizen groups, such as the Portland Utilities Review Board (PURB) for the bureaus of Environmental Services and Water Works. The PURB is comprised of citizens who provide independent and representative customer review of water, sewer, and solid waste financial plans, rates, and budgets, including the CIPs of those utilities. Similarly, the Transportation Bureau Advisory Committee, made up of citizens appointed by the Commissioner-in-Charge, reviews the CIP for the Office of Transportation.

## Capital Review Committee

*Eight criteria for General Fund projects.*

For General Fund-supported projects, the Capital Review Committee (CRC), comprised of the bureaus seeking General Fund support, is typically convened to review requests for General Fund capital support and to make funding recommendations to the City Council. The CRC was convened to review FY 2002-03 capital requests.

The criteria used to evaluate General Fund capital project requests are as follows:

- ◆ **Mandated** - The project addresses a legal mandate.
- ◆ **Major Council Objective** - The project meets one or more of the major Council objectives established at the Council retreat.
- ◆ **Decrease City's Unfunded Liability** - The project reduces the City's capital maintenance backlog identified in the public facility plans.
- ◆ **Return on Investment** - The project shows a favorable return on investment or significantly reduces future costs.
- ◆ **Multi-Year Projects** - The project addresses a prior-year commitment for funding.
- ◆ **Safety Oriented** - The project is oriented towards safety of employees and/or the public.
- ◆ **Labor Intensive/Economically Disadvantaged** - The project provides for significant job creation and/or employment opportunities for minorities, or impacts economically disadvantaged areas of the city.
- ◆ **Community Plan Priority** - The project is shown as a high priority in an adopted community plan.

## City Council

Once the CIP budget is finalized, it is submitted to the City Council for review. After public hearings, the capital budgets for the upcoming year, along with the operating budgets, are approved and adopted.

## PROCESS IMPROVEMENTS

### Capital Oversight Committee Formed

A Capital Oversight Committee composed of senior managers in the CIP bureaus has been formed to better coordinate the Citywide CIP development and implementation process. Bureau representatives meet regularly to identify where capital projects can be integrated to decrease costs and develop a coordinated, citywide public involvement process for developing capital improvement plans.

**Mapping Interface  
with the Geographic  
Information System**

A mapping interface has been developed between the bureaus' CIPs and the City's Geographic Information System (GIS), which allow bureaus to map their capital projects as they develop their capital plans. CIP project details and maps are also available to the public over the Internet at [www.PortlandMaps.com](http://www.PortlandMaps.com).



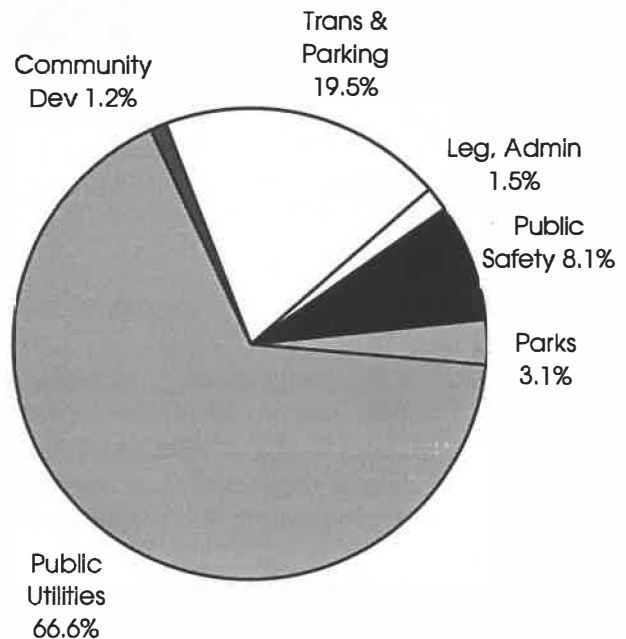
# Citywide Summary

## OVERVIEW

The City of Portland's FY 2002-03 Adopted CIP Budget is \$202.0 million. This is an increase of nearly \$15.1 million or 8.1 percent from the FY 2001-02 Adopted CIP Budget. The FY 2002-07 Citywide CIP budget is projected to be nearly \$1.3 billion.

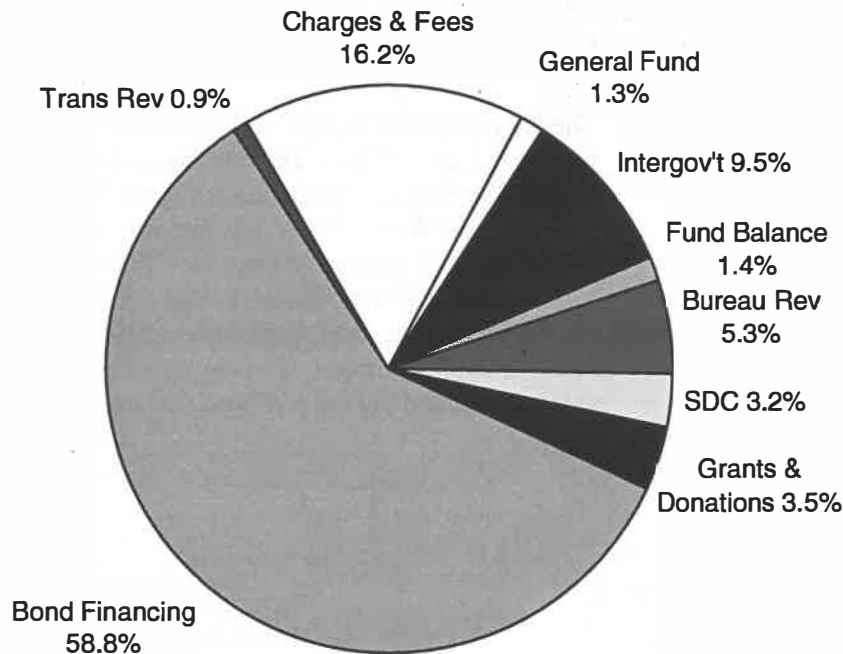
## CIP Budget

The Citywide CIP budget is summarized by bureau for each service area in the Citywide Capital Costs Table at the end of this section, and is graphically shown below. The Public Utility Service Area, including the bureaus of Environmental Services and Water Works, has the largest CIP budget in FY 2002-03 at \$134.6 million or 66.6 percent of the total CIP budget. This is followed by Transportation and Parking at \$39.4 million; Public Safety at \$16.3 million; Parks, Recreation and Culture at \$6.3 million; Legislative, Administration and Support Services at \$2.9 million; and Community Development at nearly \$2.5 million. More details of service area and bureau CIP budgets are contained in the sections that follow.



**Sources of Funding**

Funding for CIP projects is primarily provided through bond financing, service charges and fees, the General Fund, intergovernmental revenues, bureau revenues, system development charges (SDCs), general transportation revenues, and fund balances. CIP funding sources are summarized by service area in the table at the end of this section, and are shown in the following chart.

**Bond Financing**

Total bond financing, including revenue bonds, general obligation bonds, LID financing, tax increment financing, and other financed resources, is budgeted to be about \$118.7 million, or 58.8 percent of the total CIP budget. Revenue bonds are the largest single source of funding for CIP projects during FY 2002-03, with a total of approximately \$98.9 million, which is 83.3 percent of total bond financing.

**Service Charges and Fees**

Service charges and fees, which are mainly utility rates, account for approximately \$32.8 million of resources.

**System Development Charges**

System development charges are fees charged for new developments and account for nearly \$6.4 million of the total.

**General Fund**

In FY 2002-03, the General Fund will contribute \$2.5 million to capital projects, which is 1.3 percent of the total CIP resources. Note that the remaining \$1.5 million of the General Fund Capital Set-aside funds projects that are not considered capital.

In 1996, the City Council approved Resolution 35526 which established a General Fund Set-aside for capital projects. The five-year financial forecast for the General Fund provides for an increase of \$1 million a year until the Set-aside reaches \$10.0 million. This target amount is expected to be reached by FY 2005-06.

The requests for General Fund resources for capital projects far exceed the available resources. This situation has existed for many years, especially since Measures 47 and 50 were approved in FY 1996-97. It occurs because the General Fund is often the only available resource to finance projects by or for General Fund bureaus, primarily those in the Public Safety, Legislative/Administrative, and parts of the Transportation and Parks service areas.

**Bureau Revenues**

Bureau revenues are budgeted to be nearly \$10.6 million in FY 2002-03, or 5.3 percent of the total. These include revenues from interagency agreements, cash transfers, service reimbursements, rents, land sales, and partnerships.

**General Transportation Revenues**

General transportation revenues, mainly gas tax revenues, are projected to be about \$1.8 million.

**Fund Balance Revenues**

Fund balance revenues are carryovers from the previous fiscal year and are estimated to be about \$2.8 million.

**Grants and Donations**

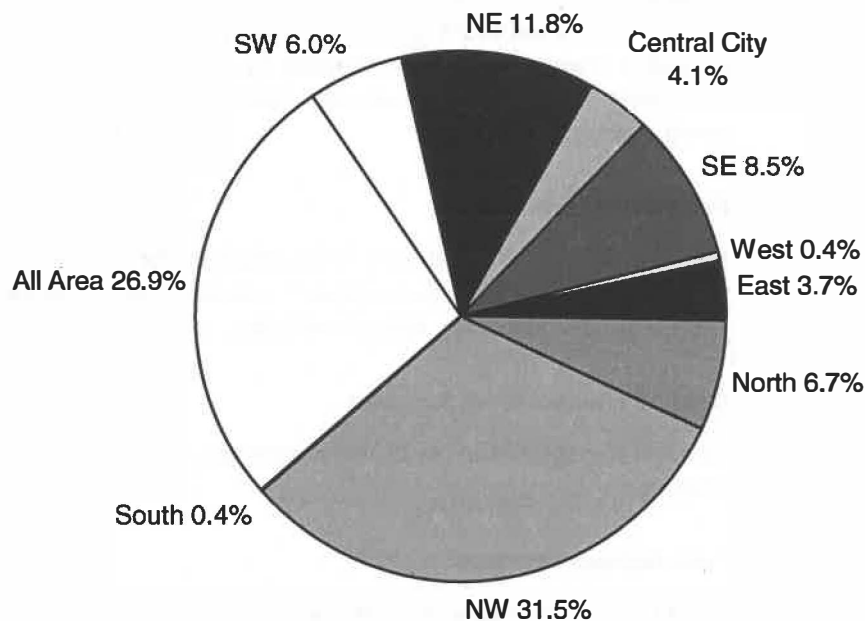
Grant and donation revenues include proceeds from federal and state grants, and donations from other governmental units or developers' contributions. They are budgeted to be nearly \$7.1 million, or 3.5 percent of the total FY 2002-03 CIP budget.

**Intergovernmental**

Intergovernmental revenues include proceeds from state loans, local revenue and cost sharing, and resources from other governmental units, such as Metro. They are budgeted to be nearly \$19.2 million, or 9.5 percent of the total FY 2002-03 CIP budget.

### CIP by Geographic Area

CIP budgets by geographic area are shown by service area in the table at the end of this section and graphically below. Capital projects in the central city district accounts for \$8.3 million or 4.1 percent of the total City capital budget in FY 2002-03. Capital projects categorized as all areas or citywide are \$54.4 million, north are nearly \$13.6 million, northeast are about \$23.8 million, southeast are nearly \$17.2 million, northwest are \$63.6 million, east are \$7.5 million, southwest are nearly \$12.1 million, west are \$721,000, and south are \$750,000. Note that some capital projects may overlap districts, so one project may actually be in two districts.



### Operating and Maintenance

Operating and Maintenance (O&M) costs or savings associated with capital projects can be from new facilities, or replacement and rehabilitation of current facilities. If a capital project will not increase or decrease current O&M costs, then net O&M costs/savings are zero. Net O&M costs are shown by bureau for each service area in the table at the end of this section. O&M costs in FY 2002-03 increase about \$269,000 citywide. The Public Utilities service area accounts for \$180,000, or 66.9 percent of the total. The Community Development and Legislative, Administrative and Support Services service areas have no additional O&M costs or savings.

## SERVICE AREA SUMMARY

<b>Public Utilities Service Area</b>	<p>In FY 2002-03 the largest portion of the CIP is for public utilities, which accounts for \$134.6 million, or 66.6 percent of the total. The Bureau of Environmental Services accounts for approximately \$92.8 million of this amount, and the Bureau of Water Works CIP totals almost \$41.5 million.</p> <p><b>Bureau of Environmental Services</b></p> <p>The largest public utilities program expenditures are for the Combined Sewer Overflow Program, which are anticipated to be about \$69.8 million in FY 2002-03. Additionally, \$10.5 million is anticipated to be spent on capital maintenance projects and about \$3.4 million on capital projects for wastewater treatment systems. Nearly \$4.1 million is budgeted for surface water capital improvements.</p> <p><b>Bureau of Water Works</b></p> <p>The largest area of water utility capital spending is for the Distribution System program, with a total of about \$16.0 million, followed by \$12.6 million for Storage and Supply, and \$5.3 million for the Water Quality and Treatment Program. Two new capital programs were approved in the FY 2002-03 Adopted CIP Budget. The new programs are Water System Security at \$8.4 million and Utility Relocations at \$2.5 million.</p>
<b>Transportation and Parking Service Area</b>	<p>Transportation and Parking is the second largest service area of the FY 2002-03 CIP, accounting for \$39.4 million of the CIP budget. Transportation accounts for about \$38.0 million, and Parking Facilities will be about \$1.4 million.</p> <p><b>Transportation</b></p> <p>The largest programs in the Transportation and Parking service area are the Local Street and Neighborhood program (\$13.4 million), the Centers and Main Streets program (\$8.8 million), and the Freight program (\$8.2 million). Notable projects include \$4.8 million for the North Lombard Overcrossing, \$4.5 million for SW Bond Avenue in the North Macadam District, and \$2.8 million for the intersection at Foster Road and SE 162nd.</p>
<b>Public Safety Service Area</b>	<p>Public Safety follows with approximately \$16.3 million of CIP expenditures or 8.1 percent of the total CIP budget. The budget includes nearly \$7.2 million for seismic upgrades and other improvements to fire stations, \$0.9 million for new fire apparatus replacements, and nearly \$0.7 million for public safety radio enhancements.</p>
<b>Parks, Recreation and Culture Service Area</b>	<p>Parks, Recreation and Culture is the fourth largest service area, with a total CIP of nearly \$6.3 million. This amount equals 3.1 percent of the total CIP budget.</p> <p><b>Parks and Recreation</b></p> <p>Significant Parks programs include about \$1.6 million for land acquisitions, \$1.2 million for the maintenance of parks, and nearly \$0.9 million for golf courses.</p>

**Legislative,  
Administrative and  
Support Services  
Service Area**

Legislative, Administrative and Support Services accounts for \$2.9 million of the CIP budget. The budget includes \$1.5 million for ongoing projects in the Portland Building and approximately \$0.8 million for Communication Services projects.

**Community  
Development Service  
Area**

Finally, Community Development is the smallest service area, with nearly \$2.5 million of CIP expenditures. Capital expenditures include approximately \$0.2 million Union Station and \$2.2 million for LID construction.

## **GENERAL FUND SUPPORTED PROJECT SUMMARY**

General Fund projects are supported by discretionary funding and may be appropriated from the General Fund Capital Set-aside, carryover from prior years, or by other Council actions. The following table summarizes the allocation of the General Fund Capital Set-aside in FY 2002-03.

The General Fund Capital Set-aside for FY 2002-03 was reduced from a planned \$7.0 million to \$4.0 million to help offset other general fund reductions. Total funding for the Gateway Child Receiving Center is \$1.0 million in FY 2002-03 with \$200,000 coming from the capital set-aside and the balance being debt financed and repaid from the capital set-aside over the next 4 years. The \$35,000 for the Fire Bureau's Linnton Training Site Clean-up is Fire's portion of a BES capital project. The Fire Bureau will transfer these funds to BES through an interagency. The Special Appropriation for the school grant debt service is not a capital project.

Table 1: FY 2002-03 General Fund Capital Set-Aside Projects

Bureau/Project	Amount
<b>Bureau of Fire, Rescue and Emergency Services</b>	
Apparatus Replacement	\$900,000
Linnton Training Site Clean-up	35,000
Station #6 Dredging	140,000
	<u>\$1,075,000</u>
<b>Bureau of Parks and Recreation</b>	
Columbia Pool HVAC & Light Replacement	\$345,000
GIS Enhancement	123,000
Killingsworth Land Acquisition	125,000
Westmoreland Renovation Grant Match	157,000
Springwater Three Bridges Grant Match	150,000
	<u>\$900,000</u>
<b>Office of Transportation</b>	
Debt Service for Streetcar #7	\$287,125
Street Lighting Projects	350,000
	<u>\$637,125</u>
<b>OMF ComNet</b>	
800 MHz System Major Maintenance	\$257,950
<b>Special Appropriations</b>	
Debt Service for School Grant	\$937,050
Gateway Child Receiving Center	200,000
	<u>\$1,137,050</u>
<b>Grand Total</b>	<u>\$4,007,125</u>



# Capital Improvement Plan — Citywide

## CAPITAL COSTS

This table summarizes project costs by the bureaus within each service area.

Service Area Bureau	Revised		Adopted	Capital Plan					5-Year Total
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07		
Public Safety									
Bureau of Fire, Rescue & Emergency	2,050,000	1,102,500	1,040,000	1,360,000	1,280,000	1,340,000	1,407,000	6,427,000	
Bureau of General Services	6,651,600	10,946,000	15,292,917	36,676,417	63,712,667	62,524,667	18,555,917	196,762,585	
Bureau of Police	0	0	0	160,000	0	0	0	160,000	
Total Public Safety	8,701,600	12,048,500	16,332,917	38,196,417	64,992,667	63,864,667	19,962,917	203,349,585	
Parks, Recreation and Culture									
Bureau of Parks and Recreation	7,518,875	11,746,532	5,602,833	21,018,897	20,365,290	17,239,902	155,713,479	219,940,401	
Spectator Facilities	36,303,182	2,271,493	650,000	400,000	200,000	200,000	200,000	1,650,000	
Total Parks, Recreation and Culture	43,822,057	14,018,025	6,252,833	21,418,897	20,565,290	17,439,902	155,913,479	221,590,401	
Public Utilities									
Bureau of Environmental Services	229,031,376	60,626,628	92,814,951	105,209,011	90,795,695	89,901,516	63,399,327	442,120,500	
Bureau of Water Works	37,378,746	22,076,670	41,460,300	57,039,000	57,103,000	58,581,000	57,171,000	271,354,300	
Environmental Remediation Division	0	0	365,000	0	0	0	0	365,000	
Total Public Utilities	266,410,122	82,703,298	134,640,251	162,248,011	147,898,695	148,482,516	120,570,327	713,839,800	
Community Development & Services									
Bureau of General Services	0	166,000	225,000	225,000	2,929,000	225,000	30,225,000	33,829,000	
Local Improvement Districts	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060	
Total Community Development & Ser-	15,133,100	3,266,000	2,474,161	794,604	3,512,962	603,552	30,614,781	38,000,060	
Transportation and Parking									
Bureau of General Services	0	58,950	1,398,736	988,568	1,337,284	1,184,494	1,196,568	6,105,650	
Office of Transportation	11,520,214	30,987,962	38,006,635	21,259,087	42,142,152	24,486,638	7,732,873	133,627,385	
Total Transportation and Parking	11,520,214	31,046,912	39,405,371	22,247,655	43,479,436	25,671,132	8,929,441	139,733,035	
Legislative, Administrative & Support Svcs									
Bureau of General Services	1,960,252	10,052,932	2,922,106	1,882,667	3,834,666	1,986,000	1,874,000	12,499,439	
Total Legislative, Administrative & Sup-	1,960,252	10,052,932	2,922,106	1,882,667	3,834,666	1,986,000	1,874,000	12,499,439	
Total City Capital Plan	\$347,547,345	\$153,135,667	\$202,027,639	\$246,788,251	\$284,283,716	\$258,047,769	\$337,864,945	\$1,329,012,320	

# Capital Improvement Plan — Citywide

## CAPITAL FUNDING

This table summarizes project funding by source for each service area.

Service Area	Revised		Adopted	Capital Plan				
Fund Group	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Public Safety								
Bureau Revenues	115,600	0	1,955,967	1,015,467	406,967	504,967	792,967	4,676,335
Fund Balance	0	800,000	0	1,500,000	0	0	0	1,500,000
General Fund Discretionary	2,050,000	1,102,500	1,297,950	1,777,950	1,537,950	1,597,950	1,664,950	7,876,750
General Obligation Bonds	6,536,000	10,146,000	13,079,000	33,903,000	63,047,750	61,761,750	17,505,000	189,296,500
Total Public Safety	8,701,600	12,048,500	16,332,917	38,196,417	64,992,667	63,864,667	19,962,917	203,349,585
Unfunded	0	0	0	0	0	0	0	0
Total Grand Total	8,701,600	12,048,500	16,332,917	38,196,417	64,992,667	63,864,667	19,962,917	203,349,585
Parks, Recreation and Culture								
Bureau Revenues	344,022	1,890,068	650,000	1,149,900	200,000	200,000	200,000	2,399,900
Fund Balance	2,074,075	0	171,456	2,764	0	0	0	174,220
General Fund Discretionary	1,411,000	948,350	900,000	775,544	3,975,000	4,605,900	5,873,000	16,129,444
General Obligation Bonds	0	50,000	350,000	0	0	0	135,653,700	136,003,700
Grants/Donations	0	0	1,173,841	5,850,150	600,000	0	0	7,623,991
Intergovernmental	548,000	1,433,065	400,000	1,015,208	826,900	868,200	911,610	4,021,918
Others Financing	33,935,084	604,425	113,203	659,000	5,525,000	3,100,000	3,150,000	12,547,203
Service Charges and Fees	991,071	20,000	890,000	4,283,568	260,000	0	5,501,000	10,934,568
System Development Charges	4,283,804	2,680,000	1,464,546	1,690,000	2,500,000	2,500,000	500,000	8,654,546
Tax Increment Financing	235,000	6,392,117	139,787	5,992,763	6,678,390	6,165,802	4,124,169	23,100,911
Total Parks, Recreation and Culture	43,822,057	14,018,025	6,252,833	21,418,897	20,565,290	17,439,902	155,913,479	221,590,401
Unfunded	0	0	0	0	0	0	0	0
Total Grand Total	43,822,057	14,018,025	6,252,833	21,418,897	20,565,290	17,439,902	155,913,479	221,590,401
Public Utilities								
Bureau Revenues	1,027,926	3,854,600	3,370,000	3,262,500	3,387,500	2,662,500	2,667,500	15,350,000
Grants/Donations	6,841,675	2,958,918	2,795,200	512,800	130,000	0	0	3,438,000
Others Financing	4,194,804	1,043,009	1,698,191	2,100,924	1,834,523	1,816,370	1,278,279	8,728,287
Revenue Bonds	169,920,906	55,129,151	96,052,240	118,031,021	109,148,339	110,710,044	92,064,598	526,006,242
Service Charges and Fees	84,424,811	19,717,620	30,724,620	38,340,766	33,398,333	33,293,602	24,559,950	160,317,271
Total Public Utilities	266,410,122	82,703,298	134,640,251	162,248,011	147,898,695	148,482,516	120,570,327	713,839,800
Unfunded	0	0	0	0	0	0	0	0
Total Grand Total	266,410,122	82,703,298	134,640,251	162,248,011	147,898,695	148,482,516	120,570,327	713,839,800
Community Development & Services								
Bureau Revenues	0	166,000	225,000	225,000	225,000	225,000	225,000	1,125,000
General Fund Discretionary	0	0	0	0	2,704,000	0	0	2,704,000
LID	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Others Financing	0	0	0	0	0	0	30,000,000	30,000,000
Total Community Development & Ser-	15,133,100	3,266,000	2,474,161	794,604	3,512,962	603,552	30,614,781	38,000,060
Unfunded	0	0	0	0	0	0	0	0
Total Grand Total	15,133,100	3,266,000	2,474,161	794,604	3,512,962	603,552	30,614,781	38,000,060
Transportation and Parking								
Bureau Revenues	543,041	1,399,090	2,274,861	619,604	633,962	378,552	389,781	4,296,760
Fund Balance	473,292	1,370,504	2,673,625	50,000	145,000	0	0	2,868,625
General Fund Discretionary	450,000	450,000	350,000	400,000	400,000	400,000	400,000	1,950,000
General Transportation Revenue	2,890,052	1,899,705	1,832,232	2,288,388	1,409,328	1,466,506	1,450,000	8,446,454
Grants/Donations	2,922,606	7,124,954	3,121,720	4,704,009	27,417,545	6,218,916	0	41,462,190
Intergovernmental	2,738,975	13,563,756	18,788,386	11,083,685	8,363,702	9,056,733	1,550,779	48,843,285
Others Financing	0	58,950	1,398,736	988,568	1,337,284	1,184,494	1,196,568	6,105,650
Revenue Bonds	0	0	2,864,000	0	0	0	0	2,864,000
Service Charges and Fees	1,216,189	1,010,985	1,179,438	1,204,200	1,240,600	1,279,100	1,318,800	6,222,138
System Development Charges	286,059	4,168,968	4,922,373	909,201	2,532,015	5,686,831	2,623,513	16,673,933
Total Transportation and Parking	11,520,214	31,046,912	39,405,371	22,247,655	43,479,436	25,671,132	8,929,441	139,733,035
Unfunded	0	0	0	0	0	0	0	0
Total Grand Total	11,520,214	31,046,912	39,405,371	22,247,655	43,479,436	25,671,132	8,929,441	139,733,035
Legislative, Administrative & Support Svcs								
Bureau Revenues	425,480	314,000	2,123,667	1,882,667	3,834,666	1,986,000	1,874,000	11,701,000
Others Financing	0	9,738,932	798,439	0	0	0	0	798,439

# Capital Improvement Plan — Citywide

## CAPITAL FUNDING

This table summarizes project funding by source for each service area.

Service Area	Revised		Adopted	Capital Plan				
	Prior Years	FY 2001–02		FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Fund Group								
<b>Total Legislative, Administrative &amp; Sup-</b>	1,960,252	10,052,932	2,922,106	1,882,667	3,834,666	1,986,000	1,874,000	12,499,439
Unfunded	0	0	0	0	0	0	0	0
<b>Total Grand Total</b>	1,960,252	10,052,932	2,922,106	1,882,667	3,834,666	1,986,000	1,874,000	12,499,439
<b>Total Total City Funding Sources</b>	<b>\$347,547,345</b>	<b>\$153,135,667</b>	<b>\$202,027,639</b>	<b>\$246,788,251</b>	<b>\$284,283,716</b>	<b>\$258,047,769</b>	<b>\$337,864,945</b>	<b>\$1,329,012,320</b>

# Capital Improvement Plan — Citywide

## GEOGRAPHIC SUMMARY

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Public Safety</b>								
All Area	8,701,600	12,048,500	14,721,917	22,017,917	20,746,417	42,967,417	6,147,917	106,601,585
Central City	0	0	761,000	2,397,500	24,101,250	13,584,250	0	40,844,000
East	0	0	275,000	144,000	0	0	23,000	442,000
North	0	0	230,000	140,000	0	500,000	0	870,000
Northeast	0	0	27,000	6,715,000	6,715,000	0	363,000	13,820,000
Northwest	0	0	0	0	0	0	13,429,000	13,429,000
Southeast	0	0	318,000	67,000	6,715,000	6,813,000	0	13,913,000
Southwest	0	0	0	6,715,000	6,715,000	0	0	13,430,000
<b>Total Public Safety</b>	<b>8,701,600</b>	<b>12,048,500</b>	<b>16,332,917</b>	<b>38,196,417</b>	<b>64,992,667</b>	<b>63,864,667</b>	<b>19,962,917</b>	<b>203,349,585</b>
<b>Parks, Recreation and Culture</b>								
All Area	4,283,804	3,676,450	1,887,546	3,452,400	4,676,900	4,167,100	26,646,610	40,830,556
Central City	50,000	5,044,722	260,422	3,460,717	4,605,308	3,901,416	9,280,652	21,508,515
East	75,000	31,000	3,777	0	0	3,150,000	12,643,500	15,797,277
North	1,539,071	619,000	1,562,777	5,677,568	4,930,000	280,000	27,606,500	40,056,845
Northeast	1,094,022	1,257,956	920,000	603,000	1,665,000	1,382,000	20,848,200	25,418,200
Northwest	390,000	279,200	350,000	220,000	240,000	364,000	10,467,500	11,641,500
Southeast	336,000	1,728,200	753,948	7,581,458	3,815,000	3,562,000	29,694,800	45,407,206
Southwest	36,054,160	1,381,497	514,363	423,754	633,082	633,386	18,662,717	20,867,302
West	0	0	0	0	0	0	63,000	63,000
<b>Total Parks, Recreation and Culture</b>	<b>43,822,057</b>	<b>14,018,025</b>	<b>6,252,833</b>	<b>21,418,897</b>	<b>20,565,290</b>	<b>17,439,902</b>	<b>155,913,479</b>	<b>221,590,401</b>
<b>Public Utilities</b>								
All Area	55,947,942	19,695,690	31,201,600	45,822,100	46,399,600	46,504,600	35,968,600	205,896,500
Central City	17,048,000	2,953,000	1,845,000	2,189,000	1,150,000	1,000,000	1,000,000	7,184,000
East	9,493,380	3,780,714	7,232,300	10,919,000	6,568,000	9,145,000	8,586,000	42,450,300
North	129,459,358	8,239,972	3,062,202	2,483,000	3,653,000	10,051,500	7,843,224	27,092,926
Northeast	13,968,663	5,927,413	16,052,649	10,442,222	7,855,000	8,221,182	4,105,117	46,676,170
Northwest	27,218,044	13,018,515	61,441,053	80,373,295	70,682,795	53,835,970	38,401,000	304,734,113
South	1,320,551	700,000	700,000	700,000	700,000	700,000	300,000	3,100,000
Southeast	7,741,535	18,726,296	7,135,490	5,205,290	4,465,000	14,781,700	22,519,500	54,106,980
Southwest	3,731,889	8,112,928	5,318,727	1,044,104	274,800	337,100	1,536,600	8,511,331
West	480,760	1,548,770	651,230	3,070,000	6,150,500	3,905,464	310,286	14,087,480
<b>Total Public Utilities</b>	<b>266,410,122</b>	<b>82,703,298</b>	<b>134,640,251</b>	<b>162,248,011</b>	<b>147,898,695</b>	<b>148,482,516</b>	<b>120,570,327</b>	<b>713,839,800</b>
<b>Community Development &amp; Services</b>								
All Area	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Central City	0	166,000	225,000	225,000	225,000	225,000	30,225,000	31,125,000
North	0	0	0	0	2,704,000	0	0	2,704,000
<b>Total Community Development &amp; Ser-</b>	<b>15,133,100</b>	<b>3,266,000</b>	<b>2,474,161</b>	<b>794,604</b>	<b>3,512,962</b>	<b>603,552</b>	<b>30,614,781</b>	<b>38,000,060</b>
<b>Transportation and Parking</b>								
All Area	1,055,969	1,155,263	1,618,570	1,461,932	1,129,862	2,872,883	1,885,124	8,968,371
Central City	1,493,218	3,394,171	5,199,113	2,351,568	2,737,284	2,625,494	2,680,568	15,594,027
North	4,097,296	17,802,372	8,578,146	760,872	161,568	1,420,388	0	10,920,974
Northeast	596,804	3,913,024	6,777,270	4,072,545	29,836,974	9,034,326	779	49,721,894
Northwest	450,000	518,404	1,813,045	1,836,656	616,008	427,550	400,000	5,093,259
South	0	0	50,000	0	0	0	0	50,000
Southeast	2,343,372	2,268,243	8,999,130	10,930,698	4,980,232	3,809,019	2,764,286	31,483,365
Southwest	1,390,264	1,822,715	6,300,725	833,384	4,017,508	5,481,472	1,198,684	17,831,773
West	93,291	172,720	69,372	0	0	0	0	69,372
<b>Total Transportation and Parking</b>	<b>11,520,214</b>	<b>31,046,912</b>	<b>39,405,371</b>	<b>22,247,655</b>	<b>43,479,436</b>	<b>25,671,132</b>	<b>8,929,441</b>	<b>139,733,035</b>
<b>Legislative, Administrative &amp; Support Svcs</b>								
Central City	1,960,252	10,052,932	2,745,106	1,651,667	3,669,666	1,986,000	1,814,000	11,866,439
North	0	0	177,000	166,000	38,000	0	25,000	406,000

# Capital Improvement Plan — Citywide

## GEOGRAPHIC SUMMARY

	Revised		Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Southeast	0	0	0	65,000	127,000	0	35,000	227,000
<b>Total Legislative, Administrative &amp; Sup-</b>	1,960,252	10,052,932	2,922,106	1,882,667	3,834,666	1,986,000	1,874,000	12,499,439
<b>Total City Capital Plan</b>	<b>\$347,547,346</b>	<b>\$153,135,668</b>	<b>\$202,027,640</b>	<b>\$246,788,252</b>	<b>\$284,283,717</b>	<b>\$258,047,770</b>	<b>\$337,864,946</b>	<b>\$1,329,012,325</b>

# Capital Improvement Plan — Citywide

## OPERATING & MAINTENANCE

This table summarizes estimated net operating and maintenance costs or savings for bureaus within each service area.

Service Area Fund Group	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Public Safety</b>								
Bureau of General Services		0	0	38,000	733,982	741,482	2,655,306	4,168,770
<b>Total Public Safety</b>			0	38,000	733,982	741,482	2,655,306	4,168,770
<b>Parks, Recreation and Culture</b>								
Bureau of Parks and Recreation		37,343	37,343	315,750	314,350	715,430	1,038,300	2,421,173
<b>Total Parks, Recreation and Culture</b>			37,343	315,750	314,350	715,430	1,038,300	2,421,173
<b>Public Utilities</b>								
Bureau of Environmental Services		80,000	80,000	131,000	164,000	217,000	367,275	959,275
Bureau of Water Works		100,000	100,000	110,000	210,000	230,000	230,000	880,000
<b>Total Public Utilities</b>			180,000	241,000	374,000	447,000	597,275	1,839,275
<b>Transportation and Parking</b>								
Office of Transportation		51,248	51,248	51,248	51,248	51,248	51,248	256,240
<b>Total Transportation and Parking</b>			51,248	51,248	51,248	51,248	51,248	256,240
<b>Total Total Net O&amp;M Costs</b>	\$	\$	\$ 268,591	\$ 645,998	\$ 1,473,580	\$ 1,955,160	\$ 4,342,129	\$ 8,685,458

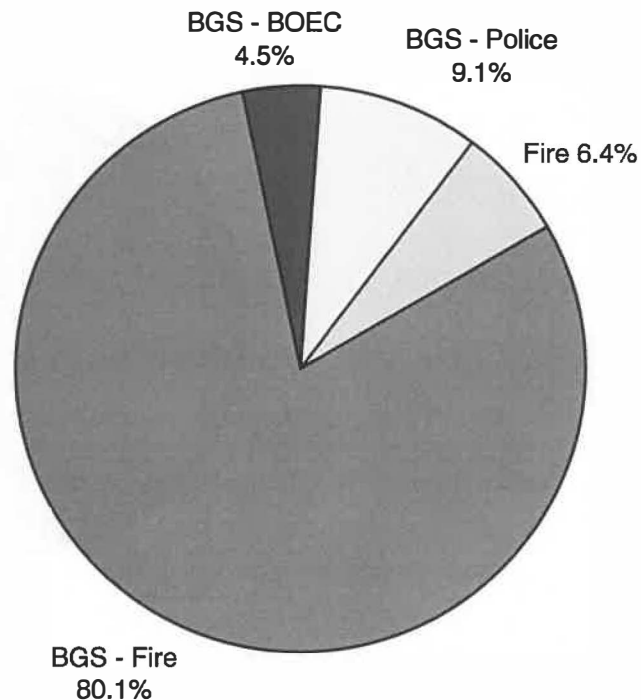




# Public Safety

## SERVICE AREA OVERVIEW

The bureaus that have capital projects in the Public Safety service area are: the Bureau of Fire, Rescue and Emergency Services and the Bureau of Police. In addition, OMF's General Services undertakes projects in this service area. For FY 2002-03, a total of \$16.3 million is allocated to Public Safety capital improvement projects, which represents 8.1% of the City's capital budget. More than \$203.3 million is planned for FY 2002-07. The following graph illustrates the distribution of costs across bureaus within the Public Safety service area in FY 2002-03.



## BUREAU OF FIRE, RESCUE AND EMERGENCY SERVICES

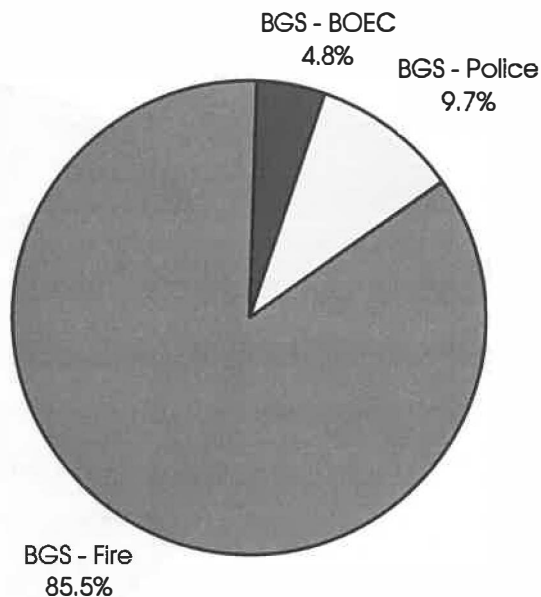
Capital projects for the Bureau of Fire, Rescue and Emergency Services total \$1.0 million in FY 2002-03 and approximately \$6.4 million over the five-year CIP. The projects consist of replacement of fire and emergency apparatus, pursuant to the bureau's replacement plan, and dredging of the river for Station #6. Funding is from the General Fund Capital Set-aside.

## BUREAU OF POLICE

The Bureau of Police has no projects budgeted for FY 2002-03. However, General Services has nearly \$141.1 million budgeted for Police capital projects over the five-year planning period based on work involving the Police Master Plan (see below).

## GENERAL SERVICES

OMF's General Services has nearly \$15.3 million budgeted in FY 2002-03 in the Public Safety service area. The projects benefit the bureaus of Fire, Rescue and Emergency Services, Police, and Emergency Communications.



**Projects Benefiting the Bureau of Fire, Rescue and Emergency Services**

Eighty percent, or nearly \$13.1 million, of General Services' FY 2002-03 capital budget for projects in the Public Safety service area is funded from the Fire, Rescue and Emergency Services General Obligation bond issue, approved by the voters in 1998. The FY 2002-03 projects include replacing three fire stations because they cannot be economically renovated to the seismic code (\$2.2 million), siting three new fire stations to replace two current stations to provide faster response times (\$1.7 million), and constructing three new fire stations to improve services in the growth areas of Portland (\$4.2 million). The remaining \$4.9 million is budgeted for upgrading existing fire facilities to meet seismic codes.

**Projects Benefiting the Bureau of Police**

OMF's General Services' Facilities Services Division will provide ongoing maintenance and repair for Police Bureau facilities and precincts. The total of these major maintenance projects are nearly \$1.5 million which will be recovered through rental rates.

**Projects Benefiting the Bureau of Emergency Communications**

OMF's General Services' ComNet Division will provide major enhancements to the public safety radio network. The FY 2002-03 project cost is \$0.6 million.

# Capital Improvement Plan — Public Safety

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Bureau of Fire, Rescue &amp; Emergency Svcs.</b>								
<b>Emergency Response</b>								
<b>Funding Sources</b>								
General Fund Discretionary	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000
<b>Total Funding Sources</b>	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000
<b>Project Costs</b>								
Const/Equip	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000
<b>Total Project Costs</b>	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Maintenance</b>								
<b>Funding Sources</b>								
General Fund Discretionary	0	0	140,000	140,000	0	0	0	280,000
<b>Total Funding Sources</b>	0	0	140,000	140,000	0	0	0	280,000
<b>Project Costs</b>								
Const/Equip	0	0	140,000	140,000	0	0	0	280,000
<b>Total Project Costs</b>	0	0	140,000	140,000	0	0	0	280,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Bureau of General Services</b>								
<b>Communications Services</b>								
<b>Funding Sources</b>								
Bureau Revenues	115,600	0	406,967	406,967	406,967	406,967	406,967	2,034,835
Fund Balance	0	800,000	0	1,500,000	0	0	0	1,500,000
General Fund Discretionary	0	0	257,950	257,950	257,950	257,950	257,950	1,289,750
General Obligation Bonds	0	0	0	7,600,000	1,800,000	500,000	0	9,900,000
<b>Total Funding Sources</b>	115,600	800,000	664,917	9,764,917	2,464,917	1,164,917	664,917	14,724,585
<b>Project Costs</b>								
Planning	0	0	0	300,000	0	0	0	300,000
Design/ProjMgmt	115,600	80,000	66,492	466,492	266,492	166,492	66,492	1,032,460
Const/Equip	0	720,000	598,425	8,998,425	2,198,425	998,425	598,425	13,392,125
<b>Total Project Costs</b>	115,600	800,000	664,917	9,764,917	2,464,917	1,164,917	664,917	14,724,585
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	38,000	76,000	83,500	91,000	288,500
<b>Fire, Rescue, and Emergency Services</b>								
<b>Funding Sources</b>								
General Obligation Bonds	6,536,000	10,146,000	13,079,000	12,873,000	7,743,000	2,977,000	4,076,000	40,748,000
<b>Total Funding Sources</b>	6,536,000	10,146,000	13,079,000	12,873,000	7,743,000	2,977,000	4,076,000	40,748,000
<b>Project Costs</b>								
Design/ProjMgmt	1,578,000	2,861,000	3,048,000	3,792,000	2,152,000	1,161,000	868,000	11,021,000
Site Acquisition	1,185,000	669,000	1,756,000	344,000	199,000	55,000	383,000	2,737,000
Const/Equip	3,773,000	6,616,000	8,275,000	8,737,000	5,392,000	1,761,000	2,825,000	26,990,000
<b>Total Project Costs</b>	6,536,000	10,146,000	13,079,000	12,873,000	7,743,000	2,977,000	4,076,000	40,748,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Safety

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Police</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	0	1,489,000	563,500	0	0	386,000	2,438,500
General Obligation Bonds	0	0	0	13,430,000	53,504,750	58,284,750	13,429,000	138,648,500
<b>Total Funding Sources</b>	0	0	1,489,000	13,993,500	53,504,750	58,284,750	13,815,000	141,087,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	200,000	2,325,415	12,804,970	19,845,900	4,621,000	39,797,285
Site Acquisition	0	0	112,000	2,926,000	15,182,500	19,097,500	1,463,000	38,781,000
Const/Equip	0	0	1,177,000	8,742,085	25,517,280	19,341,350	7,731,000	62,508,715
<b>Total Project Costs</b>	0	0	1,489,000	13,993,500	53,504,750	58,284,750	13,815,000	141,087,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	657,982	657,982	2,564,306	3,880,270
<b>Portland Communications Center</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	0	60,000	45,000	0	98,000	0	203,000
<b>Total Funding Sources</b>	0	0	60,000	45,000	0	98,000	0	203,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	13,000	10,000	0	21,000	0	44,000
Const/Equip	0	0	47,000	35,000	0	77,000	0	159,000
<b>Total Project Costs</b>	0	0	60,000	45,000	0	98,000	0	203,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Bureau of Police</b>								
<b>Public Safety</b>								
<b>Funding Sources</b>								
General Fund Discretionary	0	0	0	160,000	0	0	0	160,000
<b>Total Funding Sources</b>	0	0	0	160,000	0	0	0	160,000
<b>Project Costs</b>								
Const/Equip	0	0	0	160,000	0	0	0	160,000
<b>Total Project Costs</b>	0	0	0	160,000	0	0	0	160,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Safety

## GEOGRAPHIC SUMMARY

This table summarizes capital costs by geographic area for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Geographic Area	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Public Safety</b>								
<b>Bureau of Fire, Rescue &amp; Emergency Svcs.</b>								
All Area	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000
North	0	0	140,000	140,000	0	0	0	280,000
<b>Total Bureau of Fire, Rescue &amp; Emer-</b>	<b>2,050,000</b>	<b>1,102,500</b>	<b>1,040,000</b>	<b>1,360,000</b>	<b>1,280,000</b>	<b>1,340,000</b>	<b>1,407,000</b>	<b>6,427,000</b>
<b>Bureau of General Services</b>								
All Area	6,651,600	10,946,000	13,821,917	20,637,917	19,466,417	41,627,417	4,740,917	100,294,585
Central City	0	0	761,000	2,397,500	24,101,250	13,584,250	0	40,844,000
East	0	0	275,000	144,000	0	0	23,000	442,000
North	0	0	90,000	0	0	500,000	0	590,000
Northeast	0	0	27,000	6,715,000	6,715,000	0	363,000	13,820,000
Northwest	0	0	0	0	0	0	13,429,000	13,429,000
Southeast	0	0	318,000	67,000	6,715,000	6,813,000	0	13,913,000
Southwest	0	0	0	6,715,000	6,715,000	0	0	13,430,000
<b>Total Bureau of General Services</b>	<b>6,651,600</b>	<b>10,946,000</b>	<b>15,292,917</b>	<b>36,676,417</b>	<b>63,712,667</b>	<b>62,524,667</b>	<b>18,555,917</b>	<b>196,762,585</b>
<b>Bureau of Police</b>								
All Area	0	0	0	160,000	0	0	0	160,000
<b>Total Bureau of Police</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>
<b>Total Public Safety</b>	<b>\$ 8,701,600</b>	<b>\$ 12,048,500</b>	<b>\$ 16,332,917</b>	<b>\$ 38,196,417</b>	<b>\$ 64,992,667</b>	<b>\$ 63,864,667</b>	<b>\$ 19,962,917</b>	<b>\$203,349,585</b>

# Capital Improvement Plan — Public Safety

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau	Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Bureau of Fire, Rescue & Emergency Svcs.									
Emergency Response									
Apparatus Replacement	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000	
Total Emergency Response	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000	
Maintenance									
Station 6 - Boat Lagoon Dredging	0	0	140,000	140,000	0	0	0	280,000	
Total Maintenance	0	0	140,000	140,000	0	0	0	280,000	
Total Bureau of Fire, Rescue & Emer-	2,050,000	1,102,500	1,040,000	1,360,000	1,280,000	1,340,000	1,407,000	6,427,000	
Bureau of General Services									
Communications Services									
Downtown Simulcast Site	0	0	0	2,000,000	0	0	0	2,000,000	
Microwave T-1 Overbuild for T-1 Landline	0	0	0	0	1,800,000	0	0	1,800,000	
Northeast Portland Simulcast Site	115,600	0	0	3,200,000	0	0	0	3,200,000	
Portable/Backup Trunking on Wheels	0	0	0	400,000	0	0	0	400,000	
Public Safety Radio Enhancement Project	0	800,000	664,917	664,917	664,917	664,917	664,917	3,324,585	
SmartZone System Upgrade	0	0	0	3,500,000	0	0	0	3,500,000	
Southwest Portland IR Site	0	0	0	0	0	500,000	0	500,000	
Total Communications Services	115,600	800,000	664,917	9,764,917	2,464,917	1,164,917	664,917	14,724,585	
Fire, Rescue, and Emergency Services									
New Construction - Growth Locations	1,353,000	2,784,000	4,247,000	0	0	1,858,000	2,828,000	8,933,000	
Replacement - Response Time Locations	512,000	2,685,000	1,671,000	0	647,000	624,000	1,248,000	4,190,000	
Replacement - Seismic Concerns/Cost	261,000	1,412,000	2,214,000	9,184,000	5,343,000	0	0	16,741,000	
Seismic and Functional Upgrades to	4,410,000	3,265,000	4,947,000	3,689,000	1,753,000	495,000	0	10,884,000	
Total Fire, Rescue, and Emergency Ser-	6,536,000	10,146,000	13,079,000	12,873,000	7,743,000	2,977,000	4,076,000	40,748,000	
Police									
All Police Facilities-Public Area and	0	0	78,000	0	0	0	0	78,000	
East - Carpet Replacement and Interior	0	0	185,000	0	0	0	0	185,000	
East Precinct - Exterior Sealing	0	0	0	45,000	0	0	0	45,000	
East Precinct - HVAC Upgrade	0	0	90,000	0	0	0	0	90,000	
East Precinct - Parking Garage	0	0	0	54,000	0	0	0	54,000	
East Precinct - Replace Garage Doors	0	0	0	45,000	0	0	0	45,000	
East Precinct - Roofing Study	0	0	0	0	0	0	23,000	23,000	
Justice Center - Chiller Rebuild or	0	0	282,000	0	0	0	0	282,000	
Justice Center - Elevator Controls Upgrade	0	0	0	307,500	0	0	0	307,500	
Justice Center - HVAC Fan Replacement	0	0	85,000	0	0	0	0	85,000	
Justice Center - HVAC Terminal Unit	0	0	133,000	0	0	0	0	133,000	
Justice Center - Repaint and Carpet	0	0	150,000	0	0	0	0	150,000	
Justice Center - Space Analysis	0	0	111,000	0	0	0	0	111,000	
Justice Center - Utility Metering	0	0	0	45,000	0	0	0	45,000	
New Inner SE Precinct	0	0	0	0	6,715,000	6,715,000	0	13,430,000	
New NW Precinct	0	0	0	0	0	0	13,429,000	13,429,000	
New Outer NE Precinct	0	0	0	6,715,000	6,715,000	0	0	13,430,000	
New SW Precinct	0	0	0	6,715,000	6,715,000	0	0	13,430,000	
New Traffic Facility	0	0	0	0	9,345,250	6,143,250	0	15,488,500	
New Training Facility	0	0	0	0	0	28,727,000	0	28,727,000	
North Precinct - Carpet Replacement and	0	0	90,000	0	0	0	0	90,000	
Northeast Precinct - Parking Lot	0	0	27,000	0	0	0	0	27,000	
Northeast Precinct - Roof Replacement	0	0	0	0	0	0	363,000	363,000	
Police Property Warehouse	0	0	0	0	9,258,500	9,258,500	0	18,517,000	
Replace Central Precinct	0	0	0	0	14,756,000	7,441,000	0	22,197,000	
Southeast Precinct - Elevator Equipment	0	0	0	67,000	0	0	0	67,000	
Southeast Precinct - Interior Painting and	0	0	144,000	0	0	0	0	144,000	
Southeast Precinct - Roof Repair and	0	0	114,000	0	0	0	0	114,000	
Total Police	0	0	1,489,000	13,993,500	53,504,750	58,284,750	13,815,000	141,087,000	
Portland Communications Center									
Carpet Replacement	0	0	60,000	0	0	0	0	60,000	

# Capital Improvement Plan — Public Safety

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau		Revised		Adopted	Capital Plan				5-Year Total
Capital Program									
Project	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07		
Exterior Waterproofing and Sealing	0	0	0	45,000	0	0	0		45,000
Replace Built-Up Roof	0	0	0	0	0	98,000	0		98,000
<b>Total Portland Communications Center</b>	0	0	60,000	45,000	0	98,000	0		203,000
<b>Total Bureau of General Services</b>	6,651,600	10,946,000	15,292,917	36,676,417	63,712,667	62,524,667	18,555,917		196,762,585
<b>Bureau of Police</b>									
<b>Public Safety</b>									
Replace Two Bomb Robots	0	0	0	160,000	0	0	0		160,000
<b>Total Public Safety</b>	0	0	0	160,000	0	0	0		160,000
<b>Total Bureau of Police</b>	0	0	0	160,000	0	0	0		160,000
<b>Total Public Safety</b>	\$ 8,701,600	\$ 12,048,500	\$ 16,332,917	\$ 38,196,417	\$ 64,992,667	\$ 63,864,667	\$ 19,962,917		\$203,349,585



**Capital Improvement Plan — Public Safety**  
**Bureau of Fire, Rescue & Emergency Svcs.**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

**Emergency Response**

**Apparatus Replacement**

**Area:** All  
Replacement

**Project Description**

This project provides for the replacement of fire apparatus, according to the bureau's replacement plan which is in line with plans of comparable fire jurisdictions in terms of the life of apparatus. The bureau replaces front line apparatus after 15 years and puts front line apparatus in reserve status for an additional 5 years. Extending the life of apparatus would increase the chances of breakdown or malfunction during emergency response. It has been shown that apparatus retained beyond industry averages spend more time in repair shops, and priority 1 responders have to rely on older reserve apparatus. This project has been ongoing for several years. The benefits of this program are that apparatus can be replaced in a timely fashion, with as little as possible effect on fire and EMS service delivery. The purchase of apparatus each year will keep the bureau's apparatus replacement program on schedule. Falling behind with the apparatus replacement plan will cause the bureau to incur greater maintenance costs and will defer necessary expenditures. The Mayor's mid-year budget reductions in FY 01-02 claimed funds to replace Squad 1 located in downtown Portland. As a result, PF&R is requesting the addition of the Squad to the FY 02-03 CIP Request. The cost for the Squad is \$430,000, and would be one time only to get PF&R back on track with its replacement schedule. In addition to the Squad, PF&R plans to replace Truck 4 and Engine 13 in FY 02-03.

**Funding Sources**

**General Fund Discretionary**

<b>Total Funding Sources</b>	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000
<b>Project Costs</b>								
Const/Equip	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000
<b>Total Project Costs</b>	2,050,000	1,102,500	900,000	1,220,000	1,280,000	1,340,000	1,407,000	6,147,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Maintenance**

**Station 6 - Boat Lagoon Dredging**

**Area:** N  
**Objective(s):** Repair/Maint  
Mandated

**Project Description**

The lagoon by Station 6 on the Willamette River has experienced a build-up of sediment, which is preventing the fire boat from berthing at the pier. The pier is the access route for firefighters when using Boat 6 for emergency response. PF&R has consulted with BES on this project, and will be required to select a contractor to perform the following functions: sediment sampling, testing, reporting, permitting, dredging, and transporting soils to a landfill. All of these steps will be necessary in removing the soils that are impeding Boat 6's ability to access the pier. This project is one time only; however, may be required in distant future years depending upon the level of sediments in the lagoon.

**Funding Sources**

General Fund Discretionary	0	0	140,000	140,000	0	0	0	280,000
<b>Total Funding Sources</b>	0	0	140,000	140,000	0	0	0	280,000
<b>Project Costs</b>								
Const/Equip	0	0	140,000	140,000	0	0	0	280,000
<b>Total Project Costs</b>	0	0	140,000	140,000	0	0	0	280,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

**Communications Services**

**Downtown Simulcast Site**

**Area:** CC  
**Objective(s):** Expansion  
Efficiency

**Project Description**

Construction of a 28-channel simulcast system and 1 channel RD-LAP base station. The addition of this site will provide improved coverage in the downtown area. Coverage using portable radios especially inside buildings downtown would be greatly increased.

**Funding Sources**

General Obligation Bonds	0	0	0	2,000,000	0	0	0	2,000,000
<b>Total Funding Sources</b>	0	0	0	2,000,000	0	0	0	2,000,000

**Project Costs**

Design/ProjMgmt	0	0	0	200,000	0	0	0	200,000
Const/Equip	0	0	0	1,800,000	0	0	0	1,800,000
<b>Total Project Costs</b>	0	0	0	2,000,000	0	0	0	2,000,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	19,000	38,000	38,000	38,000	133,000

**Microwave T-1 Overbuild for T-1 Landline Sites**

**Area:** ALL  
Efficiency

**Project Description**

Installation of digital microwave radios between the DS-3 microwave loop and the Prime Site.

**Funding Sources**

General Obligation Bonds	0	0	0	0	1,800,000	0	0	1,800,000
<b>Total Funding Sources</b>	0	0	0	0	1,800,000	0	0	1,800,000

**Project Costs**

Design/ProjMgmt	0	0	0	0	200,000	0	0	200,000
Const/Equip	0	0	0	0	1,600,000	0	0	1,600,000
<b>Total Project Costs</b>	0	0	0	0	1,800,000	0	0	1,800,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Northeast Portland Simulcast Site**

**Area:** ALL  
**Objective(s):** Expansion  
Efficiency

**Project Description**

Construction of a 28-channel simulcast system and 1 channel RD-LAP base station. The addition of this site will provide improved coverage in the NE Portland area. This site has been part of the system design since the beginning. The area that will be covered by this site has been identified as an area of less than desired coverage.

**Funding Sources**

Bureau Revenues	115,600	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	3,200,000	0	0	0	3,200,000
<b>Total Funding Sources</b>	115,600	0	0	3,200,000	0	0	0	3,200,000

**Project Costs**

Design/ProjMgmt	115,600	0	0	200,000	0	0	0	200,000
Const/Equip	0	0	0	3,000,000	0	0	0	3,000,000
<b>Total Project Costs</b>	115,600	0	0	3,200,000	0	0	0	3,200,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	19,000	38,000	38,000	38,000	133,000

# Capital Improvement Plan — Public Safety

## Bureau of General Services

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Portable/Backup Trunking on Wheels								
	Area:							ALL
								Efficiency
Project Description								
Installation of a 5 channel IR site, 1 channel MDT base station, Central Electronics Bank, desktop consoles, point-to-point microwave system, VSAT system, channel banks, codex, FXO/FXS telephone cards, DSU data cards, routers, hubs, HF/VHF/UHF control stations, portable radios, portable tower, rack chargers, secure transmission equipment, cables, batteries, electrical systems and a multi-line PBX telephone system in a self contained air conditioned Wells Cargo trailer. TOW = Trunking on Wheels.								
Funding Sources								
General Obligation Bonds	0	0	0	400,000	0	0	0	400,000
Total Funding Sources	0	0	0	400,000	0	0	0	400,000
Project Costs								
Const/Equip	0	0	0	400,000	0	0	0	400,000
Total Project Costs	0	0	0	400,000	0	0	0	400,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Public Safety Radio Enhancement Project (PREP)								
	Area:							ALL
	Objective(s):							Repair/Maint Expansion Efficiency
Project Description								
Communications Services is responsible for maintaining and operating a state of the art mobile radio and mobile data system. These two systems are collectively know as the "800 MHz Public Safety Radio System." The system has been in operation for seven years of a twenty year lifespan. It is aging. The system's maintenance needs are increasing, as is the need to upgrade software and hardware to meet current standards of performance, vendor support issues and additional traffic on the system. The system is in need of maintenance and enhancements to keep it reliable and performing for its intended purposes. The type of projects that will be funded by this CIP regrests include, Simulcast Channel Expansion, recabling and structural enhancement at the Council Crest radio tower, a Mobile Data System IP upgrade and numerous other enhancement and maintenance projects. Communications Services is responsible for maintaining and operating a state of the art mobile radio and mobile data system. These two systems are collectively know as the "800 MHz Public Safety Radio System." The system has been in operation for seven years of a twenty year lifespan. It is aging. The system's maintenance needs are increasing, as is the need to upgrade software and hardware to meet current standards of performance, vendor support issues and additional traffic on the system. The system is in need of maintenance and enhancements to keep it reliable and performing for its intended purposes.								
Funding Sources								
Fund Balance	0	800,000	0	0	0	0	0	0
Bureau Revenues	0	0	406,967	406,967	406,967	406,967	406,967	2,034,835
General Fund Discretionary	0	0	257,950	257,950	257,950	257,950	257,950	1,289,750
Total Funding Sources	0	800,000	664,917	664,917	664,917	664,917	664,917	3,324,585
Project Costs								
Design/ProjMgmt	0	80,000	66,492	66,492	66,492	66,492	66,492	332,460
Const/Equip	0	720,000	598,425	598,425	598,425	598,425	598,425	2,992,125
Total Project Costs	0	800,000	664,917	664,917	664,917	664,917	664,917	3,324,585
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Safety

## Bureau of General Services

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

### SmartZone System Upgrade

Area: ALL

Objective(s): Replacement  
Efficiency

#### Project Description

This project would upgrade the existing 2.0.3 version of SmartZone call processing and network management software and hardware to either version 4.1 or a higher platform. The existing 2.0.3 version of SmartZone was installed in June 1997. The 2.0.3 software and hardware release will soon reach the end of its life cycle. Motorola has announced that they will not support version 2.0.3 any longer.

#### Funding Sources

Fund Balance	0	0	0	1,500,000	0	0	0	1,500,000
General Obligation Bonds	0	0	0	2,000,000	0	0	0	2,000,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>

#### Project Costs

Planning	0	0	0	300,000	0	0	0	300,000
Const/Equip	0	0	0	3,200,000	0	0	0	3,200,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>

<b>Fund Level Costs</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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<b>Oper &amp; Maint Costs</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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### Southwest Portland IR Site

Area: N

Objective(s): Expansion  
Efficiency

#### Project Description

Construction of a 5 channel IR system and 1 channel RD-LAP base station.

#### Funding Sources

General Obligation Bonds	0	0	0	0	0	500,000	0	500,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>

#### Project Costs

Design/ProjMgmt	0	0	0	0	0	100,000	0	100,000
Const/Equip	0	0	0	0	0	400,000	0	400,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>

<b>Fund Level Costs</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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<b>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,500</b>	<b>15,000</b>	<b>22,500</b>
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## Fire, Rescue, and Emergency Services

### New Construction - Growth Locations

Area: ALL

Expansion

#### Project Description

The stations in this category are those needed for either serving the growth needs of the city or improving city outreach to the neighborhoods within fire facilities. There are three stations needed to serve growth: Station 16 now scheduled for SW Skyline and Montgomery, Station 27 on NW Skyline and Thompson, and Station 21 at SW Shattuck Road and Beaverton-Hillsdale Highway. All but the new station at SW Shattuck would be built in this 5-year CIP.

#### Funding Sources

General Obligation Bonds	1,353,000	2,784,000	4,247,000	0	0	1,858,000	2,828,000	8,933,000
<b>Total Funding Sources</b>	<b>1,353,000</b>	<b>2,784,000</b>	<b>4,247,000</b>	<b>0</b>	<b>0</b>	<b>1,858,000</b>	<b>2,828,000</b>	<b>8,933,000</b>

#### Project Costs

Design/ProjMgmt	107,000	855,000	1,241,000	0	0	570,000	868,000	2,679,000
Site Acquisition	1,005,000	0	204,000	0	0	0	0	204,000
Const/Equip	241,000	1,929,000	2,802,000	0	0	1,288,000	1,960,000	6,050,000
<b>Total Project Costs</b>	<b>1,353,000</b>	<b>2,784,000</b>	<b>4,247,000</b>	<b>0</b>	<b>0</b>	<b>1,858,000</b>	<b>2,828,000</b>	<b>8,933,000</b>

<b>Fund Level Costs</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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<b>Oper &amp; Maint Costs</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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# Capital Improvement Plan — Public Safety

## Bureau of General Services

## PROJECT DETAIL

		Revised	Adopted	Capital Plan						
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total		
Replacement - Response Time Locations										Area: ALL Replacement
Project Description										
The Tri-Data study recommends relocating two stations currently in the PF&R facility inventory. These are Station 18 in SW Portland, and Station 40 in NE Portland. The study further recommends that two new stations in different locations replace Station 40.										
Funding Sources										
General Obligation Bonds	512,000	2,685,000	1,671,000	0	647,000	624,000	1,248,000	4,190,000		
Total Funding Sources	512,000	2,685,000	1,671,000	0	647,000	624,000	1,248,000	4,190,000		
Project Costs										
Design/ProjMgmt	157,000	619,000	0	0	0	446,000	0	446,000		
Site Acquisition	0	669,000	513,000	0	199,000	55,000	383,000	1,150,000		
Const/Equip	355,000	1,397,000	1,158,000	0	448,000	123,000	865,000	2,594,000		
Total Project Costs	512,000	2,685,000	1,671,000	0	647,000	624,000	1,248,000	4,190,000		
Fund Level Costs	0	0	0	0	0	0	0	0		
Oper & Maint Costs	0	0	0	0	0	0	0	0		
Replacement - Seismic Concerns/Cost Effectiveness										Area: ALL Replacement
Project Description										
There are three stations which need to be replaced because they can't be economically renovated to the seismic code. The stations are station 1 serving downtown Portland, station 6 on the Willamette River in NW Portland, and station 9 in inner SE Portland. This project will site and construct these three stations.										
Funding Sources										
General Obligation Bonds	261,000	1,412,000	2,214,000	9,184,000	5,343,000	0	0	16,741,000		
Total Funding Sources	261,000	1,412,000	2,214,000	9,184,000	5,343,000	0	0	16,741,000		
Project Costs										
Design/ProjMgmt	25,000	433,000	361,000	2,714,000	1,640,000	0	0	4,715,000		
Site Acquisition	180,000	0	1,039,000	344,000	0	0	0	1,383,000		
Const/Equip	56,000	979,000	814,000	6,126,000	3,703,000	0	0	10,643,000		
Total Project Costs	261,000	1,412,000	2,214,000	9,184,000	5,343,000	0	0	16,741,000		
Fund Level Costs	0	0	0	0	0	0	0	0		
Oper & Maint Costs	0	0	0	0	0	0	0	0		
Seismic and Functional Upgrades to Existing Fire Facilities										Area: ALL Repair/Maint
Project Description										
Because of new scientific data it is being recognized that Oregon is much more at risk from earthquakes than had been believed in the past. Since 1988, the seismic risk category of the state has been raised three times and a fourth change is being discussed. As a result, there is a critical need to provide for immediate occupancy of essential facilities following an earthquake. This is a condition where only limited structural and nonstructural damage to the structure will occur either from the shaking induced by the quake or from movement of the earth around the structure. The basic vertical and lateral force-resisting systems of the building retain most of their pre-earthquake capacities, and electrical systems are structurally secure and able to function. The result of this will be that fire stations and other essential emergency services will be able to perform most of the functions that will be needed following the event.										
Funding Sources										
General Obligation Bonds	4,410,000	3,265,000	4,947,000	3,689,000	1,753,000	495,000	0	10,884,000		
Total Funding Sources	4,410,000	3,265,000	4,947,000	3,689,000	1,753,000	495,000	0	10,884,000		
Project Costs										
Design/ProjMgmt	1,289,000	954,000	1,446,000	1,078,000	512,000	145,000	0	3,181,000		
Const/Equip	3,121,000	2,311,000	3,501,000	2,611,000	1,241,000	350,000	0	7,703,000		
Total Project Costs	4,410,000	3,265,000	4,947,000	3,689,000	1,753,000	495,000	0	10,884,000		
Fund Level Costs	0	0	0	0	0	0	0	0		
Oper & Maint Costs	0	0	0	0	0	0	0	0		

**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total

**Police**

**All Police Facilities-Public Area and Meeting Room Furniture**

**Area:** All

**Objective(s):** Repair/Maint  
Replacement

**Project Description**

Replace worn out community meeting room furniture in the precincts with new furniture. Reupholster and/or replace with new public area furniture. The precincts will be seven years old next year and the community meeting rooms and public areas get very heavy usage. Furniture is showing signs of heavy wear.

**Funding Sources**

Bureau Revenues	0	0	78,000	0	0	0	0	78,000
<b>Total Funding Sources</b>	0	0	78,000	0	0	0	0	78,000

**Project Costs**

Design/ProjMgmt	0	0	17,000	0	0	0	0	17,000
Const/Equip	0	0	61,000	0	0	0	0	61,000
<b>Total Project Costs</b>	0	0	78,000	0	0	0	0	78,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**East - Carpet Replacement and Interior Painting**

**Area:** E

**Objective(s):** Repair/Maint  
Replacement

**Project Description**

This project is part of the long-term plan to maintain the appearance and condition of the building. This scheduled maintenance approach spreads costs and protects the investment in this asset.

**Funding Sources**

Bureau Revenues	0	0	185,000	0	0	0	0	185,000
<b>Total Funding Sources</b>	0	0	185,000	0	0	0	0	185,000

**Project Costs**

Design/ProjMgmt	0	0	39,000	0	0	0	0	39,000
Const/Equip	0	0	146,000	0	0	0	0	146,000
<b>Total Project Costs</b>	0	0	185,000	0	0	0	0	185,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**East Precinct - Exterior Sealing**

**Area:** E

Repair/Maint

**Project Description**

The exterior masonry surfaces of the building will be pressure washed and then a clear liquid penetrating sealer coat will be applied.

**Funding Sources**

Bureau Revenues	0	0	0	45,000	0	0	0	45,000
<b>Total Funding Sources</b>	0	0	0	45,000	0	0	0	45,000

**Project Costs**

Design/ProjMgmt	0	0	0	10,000	0	0	0	10,000
Const/Equip	0	0	0	35,000	0	0	0	35,000
<b>Total Project Costs</b>	0	0	0	45,000	0	0	0	45,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Public Safety

## Bureau of General Services

### PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
East Precinct - HVAC Upgrade									
									Area: E
									Objective(s): Repair/Maint Replacement
Project Description									
The existing HVAC system is not performing adequately. The project requires engineering analysis of the existing conditions with recommendations for improvements to solve problems in the 2nd floor men's locker room and the East Community Center on the north side of the building. Additionally, the main air handler should be evaluated and adjusted for grater control and economizer efficiency.									
Funding Sources									
Bureau Revenues	0	0	90,000	0	0	0	0	90,000	
Total Funding Sources	0	0	90,000	0	0	0	0	90,000	
Project Costs									
Design/ProjMgmt	0	0	19,000	0	0	0	0	19,000	
Const/Equip	0	0	71,000	0	0	0	0	71,000	
Total Project Costs	0	0	90,000	0	0	0	0	90,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
East Precinct - Parking Garage Reaurlacing									
									Area: E
									Objective(s): Repair/Maint Replacement
Project Description									
The top deck of the parking garage is exposed to weather and traffic. This project will clean and resurface the top deck of the parking garage.									
Funding Sources									
Bureau Revenues	0	0	0	54,000	0	0	0	54,000	
Total Funding Sources	0	0	0	54,000	0	0	0	54,000	
Project Costs									
Design/ProjMgmt	0	0	0	11,000	0	0	0	11,000	
Const/Equip	0	0	0	43,000	0	0	0	43,000	
Total Project Costs	0	0	0	54,000	0	0	0	54,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
East Precinct - Replace Garage Doors									
									Area: E
									Objective(s): Repair/Maint Replacement
Project Description									
The garage entrance and exit are equipped with sectional overhead doors. This project will replace the existing overhead entrance and exit doors and associated hardware.									
Funding Sources									
Bureau Revenues	0	0	0	45,000	0	0	0	45,000	
Total Funding Sources	0	0	0	45,000	0	0	0	45,000	
Project Costs									
Design/ProjMgmt	0	0	0	10,000	0	0	0	10,000	
Const/Equip	0	0	0	35,000	0	0	0	35,000	
Total Project Costs	0	0	0	45,000	0	0	0	45,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
East Precinct - Roofing Study									
									Area: E
									Efficiency
Project Description									
Perform a 10 year roofing study to review performance of the existing roof and receive recommendations on any work that may need to be done. The building is now five years old and has some problems covered by warranty. We will review these problems, along with the roof in general.									
Funding Sources									
Bureau Revenues		0	0	0	0	0	23,000	23,000	
Total Funding Sources		0	0	0	0	0	23,000	23,000	
Project Costs									
Design/ProjMgmt		0	0	0	0	0	5,000	5,000	
Const/Equip		0	0	0	0	0	18,000	18,000	
Total Project Costs		0	0	0	0	0	23,000	23,000	
Fund Level Costs		0	0	0	0	0	0	0	
Oper & Maint Costs		0	0	0	0	0	0	0	
Justice Center - Chiller Rebuild or Replacement									
									Area: CC
									Objective(s): Repair/Maint Replacement
Project Description									
This is a cooperative project with Multnomah Co. that will replace the main chiller equipment that produces chilled water, which is used for air conditioning of the building. The stated cost is the City of Portland portion and not the total for the project.									
Funding Sources									
Bureau Revenues		0	0	282,000	0	0	0	282,000	
Total Funding Sources		0	0	282,000	0	0	0	282,000	
Project Costs									
Design/ProjMgmt		0	0	6,000	0	0	0	6,000	
Const/Equip		0	0	276,000	0	0	0	276,000	
Total Project Costs		0	0	282,000	0	0	0	282,000	
Fund Level Costs		0	0	0	0	0	0	0	
Oper & Maint Costs		0	0	0	0	0	0	0	
Justice Center - Elevator Controls Upgrade									
									Area: CC
									Repair/Maint
Project Description									
Upgrade elevator controls and make modernization improvement to the City's 4 elevators at the Justice Center. Replace original Montgomery controls and install new MCE standard equipment.									
Funding Sources									
Bureau Revenues		0	0	0	307,500	0	0	307,500	
Total Funding Sources		0	0	0	307,500	0	0	307,500	
Project Costs									
Design/ProjMgmt		0	0	0	64,575	0	0	64,575	
Const/Equip		0	0	0	242,925	0	0	242,925	
Total Project Costs		0	0	0	307,500	0	0	307,500	
Fund Level Costs		0	0	0	0	0	0	0	
Oper & Maint Costs		0	0	0	0	0	0	0	



# Capital Improvement Plan — Public Safety

## Bureau of General Services

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Justice Center - HVAC Fan Replacement</b>								
<b>Area:</b>								CC
<b>Objective(s):</b>								Repair/Maint Replacement
<b>Project Description</b>								
This is a cooperative project with Multnomah Co. that will replace the main HVAC air handler fans that provide conditioned air to building occupants. The stated cost is the City of Portland portion and not the total for the project.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	85,000	0	0	0	0	85,000
<b>Total Funding Sources</b>	0	0	85,000	0	0	0	0	85,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	2,000	0	0	0	0	2,000
Const/Equip	0	0	83,000	0	0	0	0	83,000
<b>Total Project Costs</b>	0	0	85,000	0	0	0	0	85,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Justice Center - HVAC Terminal Unit Replacement</b>								
<b>Area:</b>								CC
<b>Objective(s):</b>								Repair/Maint Replacement Efficiency
<b>Project Description</b>								
This is a cooperative project with Multnomah Co. that will replace the HVAC system air distribution terminal units that control supply air in the occupied spaces. The stated cost is the City of Portland portion and not the total for the project.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	133,000	0	0	0	0	133,000
<b>Total Funding Sources</b>	0	0	133,000	0	0	0	0	133,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	3,000	0	0	0	0	3,000
Const/Equip	0	0	130,000	0	0	0	0	130,000
<b>Total Project Costs</b>	0	0	133,000	0	0	0	0	133,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Justice Center - Repaint and Carpet</b>								
<b>Area:</b>								CC
<b>Objective(s):</b>								Repair/Maint Replacement
<b>Project Description</b>								
This project is part of the long-term plan to maintain the appearance and condition of the building. This scheduled maintenance approach spreads costs and protects the investment in this asset.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	150,000	0	0	0	0	150,000
<b>Total Funding Sources</b>	0	0	150,000	0	0	0	0	150,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	32,000	0	0	0	0	32,000
Const/Equip	0	0	118,000	0	0	0	0	118,000
<b>Total Project Costs</b>	0	0	150,000	0	0	0	0	150,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Justice Center - Space Analysis									
									Area: CC
									Objective(s): Repair/Maint Efficiency
Project Description									
This project would fund consultant services and project management to complete a comprehensive analysis of space within the 6-1/2 City occupied floors of the Justice Center. As in the case of the Portland Building that prompted the building's restack there has been considerable incremental changes over the last 20 years resulting in current inefficiencies and poor adjacencies. This study will project Police tenant needs over the next seven years and develop an improvement masterplan.									
Funding Sources									
Bureau Revenues	0	0	111,000	0	0	0	0	111,000	
Total Funding Sources	0	0	111,000	0	0	0	0	111,000	
Project Costs									
Design/ProjMgmt	0	0	24,000	0	0	0	0	24,000	
Const/Equip	0	0	87,000	0	0	0	0	87,000	
Total Project Costs	0	0	111,000	0	0	0	0	111,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Justice Center - Utility Metering									
									Area: CC
									Objective(s): Replacement Efficiency
Project Description									
Install metering devices on water, gas and electrical feeds to measure City use appropriately.									
Funding Sources									
Bureau Revenues	0	0	0	45,000	0	0	0	45,000	
Total Funding Sources	0	0	0	45,000	0	0	0	45,000	
Project Costs									
Design/ProjMgmt	0	0	0	10,000	0	0	0	10,000	
Const/Equip	0	0	0	35,000	0	0	0	35,000	
Total Project Costs	0	0	0	45,000	0	0	0	45,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
New Inner SE Precinct									
									Area: SE
									Expansion
Project Description									
This project would construct a new precinct in the close-in neighborhoods of Portland, including Buckman and the Lloyd Center area. These neighborhoods are now served by a combination of SE Precinct and NE Precinct. Based on preliminary programming only, this precinct is proposed to be built at the standard size of 45,000 sq including secured structured parking.									
Funding Sources									
General Obligation Bonds	0	0	0	0	6,715,000	6,715,000	0	13,430,000	
Total Funding Sources	0	0	0	0	6,715,000	6,715,000	0	13,430,000	
Project Costs									
Design/ProjMgmt	0	0	0	0	1,102,920	1,410,150	0	2,513,070	
Site Acquisition	0	0	0	0	1,463,000	0	0	1,463,000	
Const/Equip	0	0	0	0	4,149,080	5,304,850	0	9,453,930	
Total Project Costs	0	0	0	0	6,715,000	6,715,000	0	13,430,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	328,991	328,991	

**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>New NW Precinct</b>								
							<b>Area:</b>	<b>NW</b>
								Expansion
<b>Project Description</b>								
This project would construct a new precinct in Northwest Portland to service the expanding city services area in the Forest Park area and the flats of NW Portland. These areas are now served by Central Precinct. Based on preliminary programming only, this precinct is proposed to be built at the standard size of 45,000 sq including secured structured parking,								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	13,429,000	13,429,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	13,429,000	13,429,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	0	0	4,539,000	4,539,000
Site Acquisition	0	0	0	0	0	0	1,463,000	1,463,000
Const/Equip	0	0	0	0	0	0	7,427,000	7,427,000
<b>Total Project Costs</b>	0	0	0	0	0	0	13,429,000	13,429,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>New Outer NE Precinct</b>								
							<b>Area:</b>	<b>NE</b>
								Expansion
<b>Project Description</b>								
This project would build a new community policing facility in the NE area of the City, permitting adjustments to the boundaries of the current East Precinct which is located on SE Cherry Blossom, just south of SE Stark Street. This precinct is currently experiencing growth in the demand for services. A new NE precinct to serve the far NE sections of the city would relieve pressure on East and provide improved public safety services in this part of the city. This precinct is proposed to be 45,000 sq including secured structured parking, based on preliminary programming.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	6,715,000	6,715,000	0	0	13,430,000
<b>Total Funding Sources</b>	0	0	0	6,715,000	6,715,000	0	0	13,430,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	1,102,920	1,410,150	0	0	2,513,070
Site Acquisition	0	0	0	1,463,000	0	0	0	1,463,000
Const/Equip	0	0	0	4,149,080	5,304,850	0	0	9,453,930
<b>Total Project Costs</b>	0	0	0	6,715,000	6,715,000	0	0	13,430,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	328,991	328,991	328,991	986,973
<b>New SW Precinct</b>								
							<b>Area:</b>	<b>SW</b>
								Expansion
<b>Project Description</b>								
This project would construct a new precinct in the Southwest area of Portland. This area is now being served by Central Precinct, but increase population and in this part of the City is anticipated to increase the demand for public safety services. Based on preliminary programming only, this precinct is proposed to be built at the standard size of 45,000 sq including secured structured parking,								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	6,715,000	6,715,000	0	0	13,430,000
<b>Total Funding Sources</b>	0	0	0	6,715,000	6,715,000	0	0	13,430,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	1,102,920	1,410,150	0	0	2,513,070
Site Acquisition	0	0	0	1,463,000	0	0	0	1,463,000
Const/Equip	0	0	0	4,149,080	5,304,850	0	0	9,453,930
<b>Total Project Costs</b>	0	0	0	6,715,000	6,715,000	0	0	13,430,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	328,991	328,991	328,991	986,973

**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
New Traffic Facility								Area:	CC
								Replacement	
Project Description									
The Traffic Division is currently in temporary leased space that does not suit their needs. For the purposes of this document, the facility has been programmed as a stand-alone, self-contained, two-story building. However, this facility could be co-located with other Police Bureau functions or other City Bureau functions with three provisos: 1) that the new site is located centrally to the City, 2) that it provide for convenient freeway access; and 3) that it is located in an area that does not experience higher than typical vehicular congestion. In all, the facility would envelop 74,334 gross square feet and require a minimum site of 0.86 acres, the location of which is yet to be determined. Parking for staff and Bureau vehicles would be provided on-site in structured parking. The basement level would be solely vehicle parking, while the ground level would be occupied by all public areas, staff areas, and additional parking.									
Funding Sources									
General Obligation Bonds	0	0	0	0	9,345,250	6,143,250	0	15,488,500	
Total Funding Sources	0	0	0	0	9,345,250	6,143,250	0	15,488,500	
Project Costs									
Design/ProjMgmt	0	0	0	0	2,110,250	2,110,250	0	4,220,500	
Site Acquisition	0	0	0	0	3,202,000	0	0	3,202,000	
Const/Equip	0	0	0	0	4,033,000	4,033,000	0	8,066,000	
Total Project Costs	0	0	0	0	9,345,250	6,143,250	0	15,488,500	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	525,071	525,071	
New Training Facility								Area:	ALL
								Expansion	
Project Description									
This project would establish a Regional Law Enforcement Training Academy that would primarily serve Clackamas, Multnomah, Washington, and Yamhill Counties. Combined, these four counties have 33 law enforcement agencies, which by year 2020 are forecast to employ approximately 4,000 total staff (sworn and civilian). It is envisioned that this facility would be arranged as a campus comprised of five complexes: Academic, Physical Training, Firearms, Patrol Tactics, and Driver Training. At this conceptual stage, a minimum site size of 80 acres would be required. In all, a total of 88,540 gross square feet of building space and 150 parking spaces would be developed.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	28,727,000	0	28,727,000	
Total Funding Sources	0	0	0	0	0	28,727,000	0	28,727,000	
Project Costs									
Design/ProjMgmt	0	0	0	0	0	9,554,000	0	9,554,000	
Site Acquisition	0	0	0	0	0	15,895,000	0	15,895,000	
Const/Equip	0	0	0	0	0	3,278,000	0	3,278,000	
Total Project Costs	0	0	0	0	0	28,727,000	0	28,727,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	625,418	625,418	
North Precinct – Carpet Replacement and Interior Painting								Area:	N
								Objective(s):	Repair/Maint Replacement
Project Description									
This project is part of the long-term plan to maintain the appearance and condition of the building. This scheduled maintenance approach spreads costs and protects the investment in this asset.									
Funding Sources									
Bureau Revenues	0	0	90,000	0	0	0	0	90,000	
Total Funding Sources	0	0	90,000	0	0	0	0	90,000	
Project Costs									
Design/ProjMgmt	0	0	19,000	0	0	0	0	19,000	
Const/Equip	0	0	71,000	0	0	0	0	71,000	
Total Project Costs	0	0	90,000	0	0	0	0	90,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Northeast Precinct - Parking Lot Replanting									
								Area:	NE
								Objective(s):	Repair/Maint Replacement
Project Description									
This project is part of the long-term plan to maintain the appearance and condition of the building. This scheduled maintenance approach spreads costs and protects the investment in this asset.									
Funding Sources									
Bureau Revenues	0	0	27,000	0	0	0	0	27,000	
Total Funding Sources	0	0	27,000	0	0	0	0	27,000	
Project Costs									
Design/ProjMgmt	0	0	6,000	0	0	0	0	6,000	
Const/Equip	0	0	21,000	0	0	0	0	21,000	
Total Project Costs	0	0	27,000	0	0	0	0	27,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Northeast Precinct - Roof Replacement									
								Area:	NE
								Objective(s):	Repair/Maint Replacement
Project Description									
This project will replace the flat built up roof at Northeast precinct and Walnut Park Retail space.									
Funding Sources									
Bureau Revenues	0	0	0	0	0	0	363,000	363,000	
Total Funding Sources	0	0	0	0	0	0	363,000	363,000	
Project Costs									
Design/ProjMgmt	0	0	0	0	0	0	77,000	77,000	
Const/Equip	0	0	0	0	0	0	286,000	286,000	
Total Project Costs	0	0	0	0	0	0	363,000	363,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Police Property Warehouse									
								Area:	ALL
									Expansion
Project Description									
This project would entail developing an entirely new stand-alone Property Warehouse at a yet-to-be-determined site. However, this facility could be developed in concert with facilities for other compatible Police Bureau functions. General siting requirements for the facility include a minimum size of two acres situated at a location that affords convenient access to the Justice Center. As programmed, the new Property Warehouse would envelop 46,667 gross square feet and house up to 20 staff. On-site surface parking would be provided for all staff, plus six spaces for public visitors and five spaces that would be reserved for city vehicles. A single-story, mostly high-bay structure is envisioned for all storage areas. This type of construction would result in maximizing storage volume within a given floorplate and allow for the efficient movement, storage, and retrieval of materials. The primary components that would be located within the facility include but would not be limited to: a) public lobby/counter areas, officialis lobby and counter (1,706 sq. ft.); b) office areas (3,616 sq. ft.); c) property receiving and processing areas (5,056 sq. ft.); d) property disposal areas (4,444 sq. ft.); e) specialized storage areas (8,375 sq. ft.); f) general storage areas (23,158 sq. ft.); and, g) general support spaces (316 sq. ft.). It is anticipated that the pre-fabricated roll-off that is currently being purchased for Hazmat storage would be relocated to the new site.									
Funding Sources									
General Obligation Bonds	0	0	0	0	9,258,500	9,258,500	0	18,517,000	
Total Funding Sources	0	0	0	0	9,258,500	9,258,500	0	18,517,000	
Project Costs									
Design/ProjMgmt	0	0	0	0	3,080,000	3,080,000	0	6,160,000	
Site Acquisition	0	0	0	0	3,202,500	3,202,500	0	6,405,000	
Const/Equip	0	0	0	0	2,976,000	2,976,000	0	5,952,000	
Total Project Costs	0	0	0	0	9,258,500	9,258,500	0	18,517,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	97,853	97,853	

**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<hr/>								
Replace Central Precinct								
					</			

**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Southeast Precinct - Roof Repair and Coating</b>								
							<b>Area:</b>	SE
							<b>Objective(s):</b>	Repair/Maint Replacement
<b>Project Description</b>								
Replacement of the roof is needed to maintain the condition of the building and protect the investment in the asset. The roof is nearing the end of its useful life of 10 years and patching is not an effective way of maintaining it. The roof will be replaced with an appropriate roofing system.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	114,000	0	0	0	0	114,000
<b>Total Funding Sources</b>	0	0	114,000	0	0	0	0	114,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	2,000	0	0	0	0	2,000
Site Acquisition	0	0	112,000	0	0	0	0	112,000
<b>Total Project Costs</b>	0	0	114,000	0	0	0	0	114,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Portland Communications Center**

**Carpet Replacement**

**Area:** SE  
Repair/Maint

**Project Description**

Replace Carpet at locations in the building not impacted by current remodel, including existing ComNet administrative offices, old OPS floor area and old BIT space now occupied by BOEC.

**Funding Sources**

Bureau Revenues	0	0	60,000	0	0	0	0	60,000
<b>Total Funding Sources</b>	0	0	60,000	0	0	0	0	60,000

**Project Costs**

Design/ProjMgmt	0	0	13,000	0	0	0	0	13,000
Const/Equip	0	0	47,000	0	0	0	0	47,000
<b>Total Project Costs</b>	0	0	60,000	0	0	0	0	60,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Exterior Waterproofing and Sealing**

**Area:** CC  
Repair/Maint

**Project Description**

Waterproof exterior brick & stucco surfaces with water base liquid searate solution.

**Funding Sources**

Bureau Revenues	0	0	0	45,000	0	0	0	45,000
<b>Total Funding Sources</b>	0	0	0	45,000	0	0	0	45,000

**Project Costs**

Design/ProjMgmt	0	0	0	10,000	0	0	0	10,000
Const/Equip	0	0	0	35,000	0	0	0	35,000
<b>Total Project Costs</b>	0	0	0	45,000	0	0	0	45,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Public Safety**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Replace Built-Up Roof								
							Area:	SE
								Repair/Maint
Project Description								
Replace built-up roofing at locations in the building not impacted by current remodel. These include south and east roof areas over ComNet and BOEC. We will monitor condition at 14 year mark and determine remaining life. Roof currently appears in good shape so we may be able to defer this item a few more years.								
Funding Sources								
Bureau Revenues	0	0	0	0	0	98,000	0	98,000
Total Funding Sources	0	0	0	0	0	98,000	0	98,000
Project Costs								
Design/ProjMgmt	0	0	0	0	0	21,000	0	21,000
Const/Equip	0	0	0	0	0	77,000	0	77,000
Total Project Costs	0	0	0	0	0	98,000	0	98,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0



# Capital Improvement Plan — Public Safety

## Bureau of Police

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

### Public Safety

#### Replace Two Bomb Robots

Area: ALL  
Replacement

#### Project Description

Replace two Bomb Robots whose technology has become outdated. One will cost \$100,000 and a smaller one will cost \$60,000.

#### Funding Sources

General Fund Discretionary	0	0	0	160,000	0	0	0	160,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>

#### Project Costs

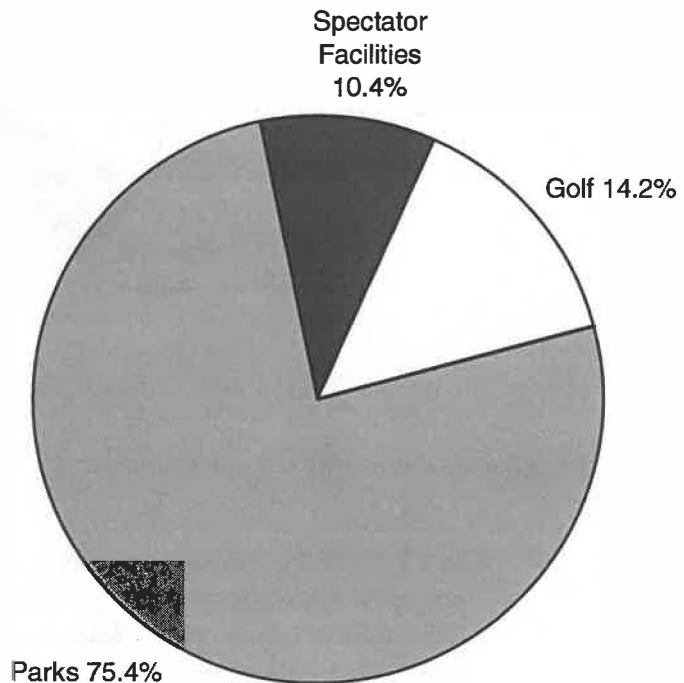
Const/Equip	0	0	0	160,000	0	0	0	160,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>
<b>Fund Level Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



# Parks, Recreation and Culture

## SERVICE AREA OVERVIEW

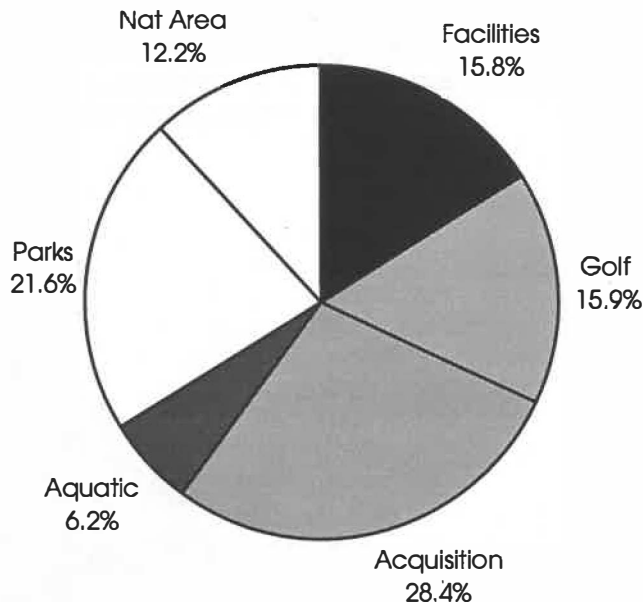
The Parks, Recreation and Culture service area CIP encompasses projects funded through the Bureau of Parks and Recreation and the Spectator Facilities Operating Fund. A total of about \$6.2 million is budgeted in FY 2002-03, or 3.1% of the City's capital budget. A total of nearly \$221.6 million is planned for the FY 2002-07 CIP.



## BUREAU OF PARKS AND RECREATION

Capital projects for the Bureau of Parks and Recreation total about \$5.6 in FY 2002-03 and approximately \$219.9 million over the five-year CIP. In addition to General Fund discretionary funding, other major sources of funding for capital projects include the Parks system development charge (SDC), grants and donations, service charges and fees, and partnerships with other agencies such as Portland Development Commission (PDC) and Metro. Parks' capital projects are categorized according to the following program areas: Acquisitions, Aquatics,

## Facilities, Golf, Natural Areas, Parks, and the Portland International Raceway



### Acquisitions

In FY 2002-03, approximately \$1.6 million is budgeted for land acquisition. The main project is acquiring property for new parks using Parks' System Development Charge (\$1.5 million). Parks is also acquiring 25 acres of the former Killingsworth landfill for a community park in an area that is extremely park deficient.

### Aquatics

The FY 2002-03 budget for aquatics includes the replacement of the Columbia Pool HVAC and lighting at \$345,000. The City faces closing the pool if the HVAC system is not replaced.

### Facilities

Parks manages and maintains approximately 200 buildings and structures, including 12 community centers, 16 pools, and numerous arts, cultural, recreational and sports facilities. The FY 2002-03 budget for Parks facilities includes \$886,500 for 2 projects. The first project is \$172,500 for expansion of the Hillside Community Center. The second project is \$714,000 for the University Park Community Center Renovation.

### Golf

The City's Golf program is self-supporting through service charges and fees. In FY 2002-03, \$890,000 is budgeted for improvements to Heron Lakes clubhouse and trail, Redtail Golf Course maintenance facility, Rose City Golf Course irrigation, and other small CIP projects.

<b>Natural Areas</b>	Approximately two-thirds of total land in the Portland parks system is in natural areas. The Natural Resources program manages the land for its habitat, educational, and recreational values. In FY 2002-03, \$682,000 is budgeted for natural areas including major projects such as the Springwater Corridor trail, improvements to the Columbia South Shore Trail, and study of the abandoned Red Electric Rail Line as a multi-use trail.
<b>Parks</b>	Parks manages over 10,000 acres of land, including 200 parks. The CIP budget in FY 2002-03 is over \$1.2 million. Partnership projects with PDC include Lents Town Center, Eastbank Esplanade Phase III, Gateway District planning, Interstate Urban Renewal District, and North Macadam Urban Renewal District Park. Several other major projects include O'Bryant Square master plan, GIS Enhancement, and Westmoreland/Crystal Springs Restoration.
<b>Portland International Raceway</b>	The Portland International Raceway is a self-sustaining program that draws 500,000 participants and spectators each year for driver training, recreational activities, and competitive events. The track is rented more than 500 event days per year, and operates year round. There are no CIP projects budgeted in FY 2002-03.

## **SPECTATOR FACILITIES OPERATING FUND**

The Spectator Facilities Operating Fund is an enterprise fund established to budget the resources and requirements for the Oregon Arena Project and PGE Park.

The Oregon Arena Project is a multi-million public/private development located on the site of the City's Portland Memorial Coliseum on the east bank of the Willamette River. The City owns all but approximately one acre of the land, and the Oregon Arena Corporation operates and maintains both private and public facilities under agreements and leases with the City. FY 2002-03 projects include funding for Coliseum improvements totaling \$500,000.

PGE Park is another public/private endeavor. This FY 2002-03 capital budget is \$150,000.

# Capital Improvement Plan — Parks, Recreation and Culture

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau		Revised	Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Bureau of Parks and Recreation								
Acquisitions								
Funding Sources								
General Fund Discretionary	800,000	125,000	125,000	125,000	125,000	200,000	200,000	775,000
General Obligation Bonds	0	0	0	0	0	0	12,300,000	12,300,000
Intergovernmental	0	750,000	0	787,500	826,900	868,200	911,610	3,394,210
System Development Charges	4,283,804	2,680,000	1,464,546	1,690,000	2,500,000	2,500,000	500,000	8,654,546
Total Funding Sources	5,083,804	3,555,000	1,589,546	2,602,500	3,451,900	3,568,200	13,911,610	25,123,756
Project Costs								
Site Acquisition	5,083,804	3,555,000	1,589,546	2,602,500	3,451,900	3,568,200	13,911,610	25,123,756
Total Project Costs	5,083,804	3,555,000	1,589,546	2,602,500	3,451,900	3,568,200	13,911,610	25,123,756
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	37,250	37,250	37,250	37,250	37,250	186,250
Aquatics								
Funding Sources								
General Fund Discretionary	0	127,450	345,000	0	397,000	73,900	0	815,900
General Obligation Bonds	0	0	0	0	0	0	13,220,000	13,220,000
Others Financing	0	0	0	0	0	2,850,000	2,150,000	5,000,000
Total Funding Sources	0	127,450	345,000	0	397,000	2,923,900	15,370,000	19,035,900
Project Costs								
Planning	0	41,450	0	0	7,000	25,000	465,000	497,000
Design/ProjMgmt	0	86,000	0	0	214,000	55,000	4,223,000	4,492,000
Const/Equip	0	0	345,000	0	176,000	2,843,900	10,682,000	14,046,900
Total Project Costs	0	127,450	345,000	0	397,000	2,923,900	15,370,000	19,035,900
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	9,000	12,750	94,750	275,150	391,650
Facilities								
Funding Sources								
General Fund Discretionary	390,000	281,400	0	0	1,961,000	2,815,000	4,990,000	9,766,000
General Obligation Bonds	0	0	0	0	0	0	36,832,000	36,832,000
Grants/Donations	0	0	886,500	850,000	0	0	0	1,736,500
Others Financing	0	0	0	600,000	5,275,000	0	0	5,875,000
Total Funding Sources	390,000	281,400	886,500	1,450,000	7,236,000	2,815,000	41,822,000	54,209,500
Project Costs								
Planning	0	28,200	100,000	422,000	0	0	1,240,000	1,762,000
Design/ProjMgmt	390,000	253,200	114,000	428,000	640,000	591,000	4,175,000	5,948,000
Const/Equip	0	0	672,500	600,000	6,596,000	2,224,000	36,407,000	46,499,500
Total Project Costs	390,000	281,400	886,500	1,450,000	7,236,000	2,815,000	41,822,000	54,209,500
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	93	9,100	9,100	164,600	267,100	449,993
Golf								
Funding Sources								
Service Charges and Fees	991,071	20,000	890,000	4,283,568	260,000	0	0	5,433,568
Total Funding Sources	991,071	20,000	890,000	4,283,568	260,000	0	0	5,433,568
Project Costs								
Design/ProjMgmt	0	0	150,000	35,000	0	0	0	185,000
Const/Equip	991,071	20,000	740,000	4,248,568	260,000	0	0	5,248,568
Total Project Costs	991,071	20,000	890,000	4,283,568	260,000	0	0	5,433,568
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Parks, Recreation and Culture

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Natural Areas</b>								
<b>Funding Sources</b>								
Bureau Revenues	50,000	21,000	0	549,900	0	0	0	549,900
Fund Balance	0	0	171,456	2,764	0	0	0	174,220
General Fund Discretionary	0	0	150,000	180,544	0	0	0	330,544
General Obligation Bonds	0	0	0	0	0	0	20,936,700	20,936,700
Grants/Donations	0	0	160,544	4,509,000	600,000	0	0	5,269,544
Intergovernmental	548,000	473,000	200,000	215,000	0	0	0	415,000
Tax Increment Financing	0	0	0	0	0	0	230,600	230,600
<b>Total Funding Sources</b>	<b>598,000</b>	<b>494,000</b>	<b>682,000</b>	<b>5,457,208</b>	<b>600,000</b>	<b>0</b>	<b>21,167,300</b>	<b>27,906,508</b>
<b>Project Costs</b>								
Planning	0	21,000	208,000	15,000	20,000	0	820,200	1,063,200
Design/ProjMgmt	0	0	125,000	91,000	65,000	0	2,936,300	3,217,300
Site Acquisition	0	0	32,000	0	0	0	4,872,400	4,904,400
Const/Equip	598,000	473,000	317,000	5,351,208	515,000	0	12,538,400	18,721,608
<b>Total Project Costs</b>	<b>598,000</b>	<b>494,000</b>	<b>682,000</b>	<b>5,457,208</b>	<b>600,000</b>	<b>0</b>	<b>21,167,300</b>	<b>27,906,508</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,200</b>	<b>27,200</b>	<b>166,300</b>	<b>166,300</b>	<b>387,000</b>
<b>Parks</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	202,000	0	200,000	0	0	0	200,000
General Fund Discretionary	221,000	302,000	280,000	420,000	399,000	200,000	200,000	1,499,000
General Obligation Bonds	0	50,000	350,000	0	0	0	44,292,000	44,642,000
Grants/Donations	0	0	126,797	491,150	0	0	0	617,947
Intergovernmental	0	210,065	200,000	12,708	0	0	0	212,708
Others Financing	0	0	113,203	59,000	250,000	250,000	1,000,000	1,672,203
Tax Increment Financing	235,000	6,392,117	139,787	5,992,763	6,678,390	6,165,802	3,893,569	22,870,311
<b>Total Funding Sources</b>	<b>456,000</b>	<b>7,156,182</b>	<b>1,209,787</b>	<b>7,175,621</b>	<b>7,327,390</b>	<b>6,615,802</b>	<b>49,385,569</b>	<b>71,714,169</b>
<b>Project Costs</b>								
Planning	456,000	6,799,182	432,503	3,567,769	2,463,152	1,921,386	2,662,417	11,047,227
Design/ProjMgmt	0	5,000	210,296	1,427,871	1,912,971	2,277,375	4,288,511	10,117,024
Site Acquisition	0	0	0	0	0	0	9,079,000	9,079,000
Const/Equip	0	352,000	566,988	2,129,981	2,951,267	2,417,041	33,355,641	41,420,918
Total	0	0	0	50,000	0	0	0	50,000
<b>Total Project Costs</b>	<b>456,000</b>	<b>7,156,182</b>	<b>1,209,787</b>	<b>7,175,621</b>	<b>7,327,390</b>	<b>6,615,802</b>	<b>49,385,569</b>	<b>71,714,169</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>128,000</b>	<b>122,250</b>	<b>146,130</b>	<b>185,500</b>	<b>581,880</b>
<b>Portland International Raceway</b>								
<b>Funding Sources</b>								
Service Charges and Fees	0	0	0	0	0	0	5,501,000	5,501,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,501,000</b>	<b>5,501,000</b>
<b>Project Costs</b>								
Const/Equip	0	0	0	0	0	0	5,501,000	5,501,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,501,000</b>	<b>5,501,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Parks, Recreation and Culture

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau		Revised	Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Urban Forestry</b>								
<b>Funding Sources</b>								
General Fund Discretionary	0	112,500	0	50,000	1,093,000	1,317,000	483,000	2,943,000
General Obligation Bonds	0	0	0	0	0	0	8,073,000	8,073,000
<b>Total Funding Sources</b>	0	112,500	0	50,000	1,093,000	1,317,000	8,556,000	11,016,000
<b>Project Costs</b>								
Planning	0	112,500	0	0	0	0	2,070,000	2,070,000
Design/ProjMgmt	0	0	0	5,000	208,000	263,000	240,000	716,000
Site Acquisition	0	0	0	0	0	0	33,000	33,000
Const/Equip	0	0	0	45,000	885,000	1,054,000	6,213,000	8,197,000
<b>Total Project Costs</b>	0	112,500	0	50,000	1,093,000	1,317,000	8,556,000	11,016,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	105,200	105,800	106,400	107,000	424,400
<b>Spectator Facilities</b>								
<b>Memorial Coliseum</b>								
<b>Funding Sources</b>								
Bureau Revenues	294,022	1,015,456	500,000	100,000	100,000	100,000	100,000	900,000
<b>Total Funding Sources</b>	294,022	1,015,456	500,000	100,000	100,000	100,000	100,000	900,000
<b>Project Costs</b>								
Const/Equip	294,022	1,015,456	500,000	100,000	100,000	100,000	100,000	900,000
<b>Total Project Costs</b>	294,022	1,015,456	500,000	100,000	100,000	100,000	100,000	900,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>PGE Park</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	651,612	150,000	300,000	100,000	100,000	100,000	750,000
Fund Balance	2,074,075	0	0	0	0	0	0	0
Others Financing	33,935,084	604,425	0	0	0	0	0	0
<b>Total Funding Sources</b>	36,009,160	1,256,037	150,000	300,000	100,000	100,000	100,000	750,000
<b>Project Costs</b>								
Planning	521,199	0	0	0	0	0	0	0
Design/ProjMgmt	2,514,430	0	0	0	0	0	0	0
Const/Equip	32,973,531	1,256,037	150,000	300,000	100,000	100,000	100,000	750,000
<b>Total Project Costs</b>	36,009,160	1,256,037	150,000	300,000	100,000	100,000	100,000	750,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0



# Capital Improvement Plan — Parks, Recreation and Culture

## GEOGRAPHIC SUMMARY

This table summarizes capital costs by geographic area for bureaus within this service area.

Bureau		Revised	Adopted	Capital Plan				
Geographic Area	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Parks, Recreation and Culture								
Bureau of Parks and Recreation								
All Area	4,283,804	3,676,450	1,887,546	3,452,400	4,676,900	4,167,100	26,646,610	40,830,556
Central City	50,000	5,044,722	260,422	3,460,717	4,605,308	3,901,416	9,280,652	21,508,515
East	75,000	31,000	3,777	0	0	3,150,000	12,643,500	15,797,277
North	1,539,071	619,000	1,562,777	5,677,568	4,930,000	280,000	27,606,500	40,056,845
Northeast	800,000	242,500	420,000	503,000	1,565,000	1,282,000	20,748,200	24,518,200
Northwest	390,000	279,200	350,000	220,000	240,000	364,000	10,467,500	11,641,500
Southeast	336,000	1,728,200	753,948	7,581,458	3,815,000	3,562,000	29,694,800	45,407,206
Southwest	45,000	125,460	364,363	123,754	533,082	533,386	18,562,717	20,117,302
West	0	0	0	0	0	0	63,000	63,000
Total Bureau of Parks and Recreation	7,518,875	11,746,532	5,602,833	21,018,897	20,365,290	17,239,902	155,713,479	219,940,401
Spectator Facilities								
Northeast	294,022	1,015,456	500,000	100,000	100,000	100,000	100,000	900,000
Southwest	36,009,160	1,256,037	150,000	300,000	100,000	100,000	100,000	750,000
Total Spectator Facilities	36,303,182	2,271,493	650,000	400,000	200,000	200,000	200,000	1,650,000
Total Parks, Recreation and Culture	\$ 43,822,057	\$ 14,018,025	\$ 6,252,833	\$ 21,418,897	\$ 20,565,290	\$ 17,439,902	\$155,913,479	\$221,590,401

# Capital Improvement Plan — Parks, Recreation and Culture

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau		Capital Plan						
Capital Program		Revised	Adopted					
Project	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Bureau of Parks and Recreation</b>								
<b>Acquisitions</b>								
Acquisition - Killingsworth Site (Thomas	800,000	125,000	125,000	125,000	125,000	0	0	375,000
Acquisition - Natural Areas (SDC)	1,000,000	500,000	0	500,000	500,000	500,000	500,000	2,000,000
Acquisition - Neighborhood Parks (SDC)	3,283,804	2,180,000	1,464,546	1,190,000	2,000,000	2,000,000	0	6,654,546
Acquisition - Park Deficient Neighborhoods	0	0	0	0	0	200,000	200,000	400,000
Acquisition - Park Inholding Properties	0	0	0	0	0	0	1,500,000	1,500,000
Acquisition - Park Opportunity Fund	0	0	0	0	0	0	1,500,000	1,500,000
Acquisitn - Park Deficient Areas (CC/NW -	0	0	0	0	0	0	1,800,000	1,800,000
Acquisitn - Park Deficient Areas (CC/NW -	0	0	0	0	0	0	1,900,000	1,900,000
Acquisitn - Park Deficient Areas (N/NE -	0	0	0	0	0	0	700,000	700,000
Acquisitn - Park Deficient Areas (OE -	0	0	0	0	0	0	900,000	900,000
Acquisitn - Park Deficient Areas (SE - NH	0	0	0	0	0	0	600,000	600,000
Acquisitn - Park Deficient Areas (SW -	0	0	0	0	0	0	3,400,000	3,400,000
ESA Land Acquisitions	0	750,000	0	787,500	826,900	868,200	911,610	3,394,210
<b>Total Acquisitions</b>	<b>5,083,804</b>	<b>3,555,000</b>	<b>1,589,546</b>	<b>2,602,500</b>	<b>3,451,900</b>	<b>3,568,200</b>	<b>13,911,610</b>	<b>25,123,756</b>
<b>Aquatics</b>								
Columbia Pool HVAC and Light	0	86,000	345,000	0	0	0	0	345,000
Dishman Pool AC Replacemt & Glass	0	0	0	0	197,000	0	270,000	467,000
East Portland Comm Cntr New Aquatics	0	0	0	0	0	2,850,000	2,150,000	5,000,000
Grant Pool Renovation	0	0	0	0	0	0	3,500,000	3,500,000
Montavilla Pool Renovation	0	0	0	0	0	0	3,750,000	3,750,000
Peninsula Pool Renovation or Relocation	0	0	0	0	0	0	4,000,000	4,000,000
Southwest Community Center Pool	0	0	0	0	0	0	300,000	300,000
Wading Pool Conversion Master Plan and	0	41,450	0	0	200,000	73,900	1,400,000	1,673,900
<b>Total Aquatics</b>	<b>0</b>	<b>127,450</b>	<b>345,000</b>	<b>0</b>	<b>397,000</b>	<b>2,923,900</b>	<b>15,370,000</b>	<b>19,035,900</b>
<b>Facilities</b>								
Community Ctr Furnitures & Fitness	0	0	0	0	0	0	525,000	525,000
Community Music Center Hose Tower	0	28,200	0	0	420,000	494,000	0	914,000
Dishman Community Ctr. Expansion &	0	0	0	0	0	0	4,000,000	4,000,000
East Portland Community Center	0	0	0	0	0	0	1,650,000	1,650,000
Environmental Learning Ctr & Four	0	0	0	0	0	0	4,852,000	4,852,000
Firehouse Theater Renovation and	0	0	0	0	0	0	700,000	700,000
Fulton Community Center Renovation	0	0	0	0	0	0	4,000,000	4,000,000
Hillside Community Center Expansion	0	0	172,500	0	0	0	0	172,500
Interstate Firehouse Cultural Center	0	0	0	0	0	0	1,400,000	1,400,000
Lair Hill Park Annex Renovation and	0	0	0	0	0	0	725,000	725,000
Lair Hill Park Bldg End Use, Renov &	0	0	0	0	0	0	1,500,000	1,500,000
Maintenance Facilities Developmt & Renov	0	0	0	0	0	0	3,000,000	3,000,000
Maintenance Facilities Renovation	0	0	0	250,000	625,000	0	0	875,000
Montavilla Community Ctr Expanded	0	0	0	0	0	0	500,000	500,000
Mt. Scott Community Ctr Expanded	0	0	0	0	0	0	2,590,000	2,590,000
Mt. Tabor Annex Seismic Upgrade and	0	0	0	0	0	0	1,010,000	1,010,000
Mt. Tabor Yard/Maintenance Facility	0	0	0	0	1,500,000	1,957,000	4,990,000	8,447,000
Multnomah Art Center Renovation	0	0	0	0	0	0	3,150,000	3,150,000
Pittock Mansion Renovation	0	0	0	0	0	0	2,500,000	2,500,000
Pittock Mansion Roof and Masonry Repair	390,000	253,200	0	0	41,000	364,000	0	405,000
Portland Tennis Center Renovation	0	0	0	0	0	0	570,000	570,000
Sellwood Community Center Renovation	0	0	0	0	0	0	1,500,000	1,500,000
Special Recreation Headquarter	0	0	0	0	0	0	1,000,000	1,000,000
Sports Stadiums Lighting and	0	0	0	0	0	0	125,000	125,000
St. Johns Racquet Center Renovation	0	0	0	0	0	0	460,000	460,000
Transportation Program (Vans for	0	0	0	0	0	0	300,000	300,000
University Park Community Center Phase	0	0	714,000	850,000	0	0	0	1,564,000
University Park Community Ctr Ph III New	0	0	0	350,000	4,650,000	0	0	5,000,000
Walker Stadium Renovation	0	0	0	0	0	0	775,000	775,000
<b>Total Facilities</b>	<b>390,000</b>	<b>281,400</b>	<b>886,500</b>	<b>1,450,000</b>	<b>7,236,000</b>	<b>2,815,000</b>	<b>41,822,000</b>	<b>54,209,500</b>

# Capital Improvement Plan — Parks, Recreation and Culture

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau		Capital Plan						
Capital Program		Revised	Adopted					
Project	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Golf</b>								
Fairway Topdressing Projects	0	0	90,000	47,000	55,000	0	0	192,000
Heron Lakes Clubhouse & Trail	991,071	0	300,000	3,986,568	0	0	0	4,286,568
Red Tail Golf Course - Maintenance	0	20,000	5,000	0	0	0	0	5,000
Rose City Golf Course Irrigation	0	0	295,000	250,000	205,000	0	0	750,000
Small CIP Projects	0	0	200,000	0	0	0	0	200,000
<b>Total Golf</b>	<b>991,071</b>	<b>20,000</b>	<b>890,000</b>	<b>4,283,568</b>	<b>260,000</b>	<b>0</b>	<b>0</b>	<b>5,433,568</b>
<b>Natural Areas</b>								
Bridgeton Forty-Mile Loop Trail	0	0	0	0	0	0	567,000	567,000
Columbia Slough Natural Area Acquisition	0	0	0	0	0	0	1,000,000	1,000,000
Columbia South Shore Trail Improvements	548,000	473,000	200,000	0	0	0	0	200,000
East Buttes Acquisition	0	0	0	0	0	0	1,000,000	1,000,000
Fanno & Tryon Creek Natural Area	0	0	0	0	0	0	1,000,000	1,000,000
Fanno-Tryon Creek Restoration	0	0	0	0	0	0	249,300	249,300
Forest Park Acquisitions	0	0	0	0	0	0	1,000,000	1,000,000
Forest Park Renovation & Entrance at	0	0	0	0	0	0	2,786,000	2,786,000
Forty-Mile Loop Trail on Marine Drive	0	0	0	0	0	0	441,300	441,300
Hoyt Arboretum Renovation	0	0	0	0	0	0	505,500	505,500
Johnson Creek Habitat Restoration	0	0	0	0	0	0	291,200	291,200
Johnson Creek Natural Area Land	0	0	0	0	0	0	1,000,000	1,000,000
Kenton Canoe Launch	0	0	0	0	0	0	1,175,300	1,175,300
Marshall Pk Trail System Redevelpmt &	0	0	0	0	0	0	685,000	685,000
Natural Areas Restoration Project	0	0	0	0	0	0	680,000	680,000
Natural Resources Field Office on	0	0	0	0	0	0	70,000	70,000
Natural Resources Field Office on	0	0	0	0	0	0	63,000	63,000
Oaks Bottom Habitat Restoration	0	21,000	0	125,000	0	0	0	125,000
Peninsula Crossing - North Portland Road	0	0	0	400,000	0	0	0	400,000
Powell Butte Improvements & Restoration	50,000	0	0	0	0	0	100,000	100,000
Red Electric Reconnaissance	0	0	150,000	0	0	0	0	150,000
Salmon Safe Parks Upgrade	0	0	0	524,900	0	0	0	524,900
Smith Bybee Mini-Master Plan	0	0	0	15,000	0	0	0	15,000
Springwater Corridor - Sellwood Gap	0	0	32,000	0	0	0	5,837,600	5,869,600
Springwater Corridor - Three Bridges	0	0	300,000	4,392,308	0	0	0	4,692,308
Springwater Corridor from Rugg Road to	0	0	0	0	600,000	0	76,200	676,200
Springwater Corridor Trailheads in Lents	0	0	0	0	0	0	531,000	531,000
SW Trails in PPR Sites	0	0	0	0	0	0	264,500	264,500
Whitaker Ponds Master Plan &	0	0	0	0	0	0	842,200	842,200
Willamette Greenway Improvements	0	0	0	0	0	0	1,002,200	1,002,200
<b>Total Natural Areas</b>	<b>598,000</b>	<b>494,000</b>	<b>682,000</b>	<b>5,457,208</b>	<b>600,000</b>	<b>0</b>	<b>21,167,300</b>	<b>27,906,508</b>
<b>Parks</b>								
Albert Kelly Park Renovation	0	0	0	0	0	0	295,000	295,000
Alberta Park Renovation	0	0	0	0	0	0	200,000	200,000
Arbor Lodge Park Renovation	0	0	0	0	0	0	50,000	50,000
Cathedral Park Renovation	0	0	0	0	0	0	1,150,000	1,150,000
Centennial Mill Property Development	0	1,481,892	0	1,294,371	1,788,292	2,146,375	265,011	5,494,049
Clatsop Butte LID for SE 152nd Ave	0	0	0	50,000	0	0	0	50,000
Columbia Park Expanded Development	0	0	0	0	0	0	805,000	805,000
Couch Park Master Plan and Renovation	0	0	0	0	0	0	601,000	601,000
Council Crest Portable Restrooms	0	0	0	0	0	0	66,000	66,000
Creston Park Renovation	0	0	0	0	0	0	870,000	870,000
Delta Park East Renovation	0	0	0	0	0	0	8,800,000	8,800,000
Dickinson Park Development	0	0	0	0	0	0	850,000	850,000
Dogs Off-Leash Areas (DOLAs)	0	50,000	0	0	0	0	1,750,000	1,750,000
Duniway Park Renovation	0	0	0	0	0	0	585,000	585,000
Earl Boyles Park Master Plan and	0	31,000	0	0	0	300,000	0	300,000
Eastbank Esplanade Phase III	65,000	68,000	10,796	0	0	71,000	0	81,796
Eastridge Park Development	0	0	0	0	0	0	525,000	525,000
Fernhill Park Renovation	0	0	0	0	0	0	1,066,000	1,066,000

# Capital Improvement Plan — Parks, Recreation and Culture

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau		Capital Plan						
Capital Program		Revised	Adopted					
Project	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Forest Heights Park Master Plan &	0	0	350,000	0	0	0	195,000	545,000
Fulton Park Renovation	0	0	0	0	0	0	500,000	500,000
Gabriel Park Renovation & Natural Area	0	0	0	0	0	0	1,400,000	1,400,000
Gateway Urban Renewal Area Parks	0	0	0	0	0	0	3,508,000	3,508,000
Gateway Urban Renewal District Planning	25,000	0	3,777	0	0	0	0	3,777
Glenhaven Park Renovation	0	0	0	0	0	0	360,000	360,000
Green Thumb Site Planning &	0	0	0	0	0	0	300,000	300,000
International Rose Test Garden	0	0	0	0	0	0	570,000	570,000
Interstate Urban Renewal Area (North)	0	60,000	3,777	76,000	280,000	280,000	280,000	919,777
Interstate Urban Renewal Park Acquisition	0	0	0	0	0	0	3,508,000	3,508,000
Kelley Point Park Master Plan &	0	0	0	0	0	0	1,245,000	1,245,000
Knott Park Renovation	0	0	0	0	0	0	400,000	400,000
Lents Park Renovation	0	0	0	0	0	0	500,000	500,000
Lents Park Sidewalk Improvement	0	0	0	0	0	0	100,000	100,000
Lents Town Center Urban Renewal	0	1,490,000	24,152	2,150,000	1,240,000	1,040,000	790,000	5,244,152
Lents URD Parks Acquisition	0	0	0	0	0	0	1,463,000	1,463,000
Lloyd District Urban Renewal Area	0	5,000	0	10,000	20,000	40,000	40,000	110,000
Lynchwood Park Master Plan & Developmt	0	0	0	0	0	0	690,000	690,000
McCormick Pier	0	0	0	0	0	0	75,000	75,000
Mt. Scott Park Renovation	0	0	0	0	0	0	200,000	200,000
Nehalem Park Master Plan and	0	0	0	0	0	0	570,000	570,000
North Macadam Greenway/Riverfront	45,000	105,460	36,863	123,754	533,082	533,386	107,917	1,335,002
O Bryant Square Master Plan &	0	210,065	200,000	12,708	0	0	1,000,000	1,212,708
One Man Total Surveying Station	0	0	0	0	0	0	40,000	40,000
Park Block 5 / Mid-Town Blocks	50,000	806,787	33,988	780,331	694,183	50,292	15,959	1,574,753
Parks Compost/Transfer Site Development	0	0	0	0	0	0	455,000	455,000
Parks Drinking Fountains Replacement	0	0	0	0	0	0	200,000	200,000
Parks Geographic Information System	0	155,000	123,000	0	0	0	0	123,000
Parks Play Structures and Playground	0	0	100,000	150,000	200,000	200,000	100,000	750,000
Pier Park Renovation	0	0	0	0	0	0	1,680,000	1,680,000
Pittock Mansion Road and Culvert Repair	0	26,000	0	220,000	199,000	0	0	419,000
Powell Park Renovation	0	0	0	0	0	0	545,000	545,000
Prescott Park Development	0	0	0	0	0	0	50,000	50,000
Raymond Park Master Plan &	50,000	0	0	385,000	0	0	0	385,000
Richmond Property Development	0	0	0	0	0	0	570,000	570,000
River District Neighborhood Park	0	0	26,434	50,000	350,000	0	0	426,434
Sewallcrest Park Renovation	0	0	0	0	0	0	200,000	200,000
Skate Park at Old Town	0	0	0	0	0	0	535,000	535,000
Skateboard Parks	0	0	0	0	250,000	250,000	0	500,000
South Waterfront Greenway Development	0	140,363	0	1,094,213	5,070	0	0	1,099,283
Sports Fields Development	0	0	0	0	0	0	3,650,000	3,650,000
Spring Garden Park Master Plan &	0	0	0	0	0	0	675,000	675,000
Tanner Creek Park Development	0	2,169,081	0	10,761	1,518,084	1,504,241	2,178,434	5,211,520
Terrace Trails Park Development	0	0	0	0	0	0	795,000	795,000
Wallace Park Renovation	0	0	0	0	0	0	730,000	730,000
Washington Park Master Plan and	0	0	0	0	0	0	350,000	350,000
Waterfront Park Master Plan	0	202,000	0	200,000	0	0	0	200,000
Waterfront Park Redevelopment	0	34,534	0	18,333	249,679	200,508	216,248	684,768
Westmoreland Park - Crystal Springs	221,000	121,000	297,000	432,150	0	0	0	729,150
Westmoreland Park Master Plan &	0	0	0	0	0	0	500,000	500,000
Wilkes Park Development	0	0	0	118,000	0	0	220,000	338,000
<b>Total Parks</b>	<b>456,000</b>	<b>7,156,182</b>	<b>1,209,787</b>	<b>7,175,621</b>	<b>7,327,390</b>	<b>6,615,802</b>	<b>49,385,569</b>	<b>71,714,169</b>
<b>Portland International Raceway</b>								
P.I.R. Bridge #1	0	0	0	0	0	0	1,000,000	1,000,000
P.I.R. Bridge #2	0	0	0	0	0	0	250,000	250,000
P.I.R. Cart Paddock	0	0	0	0	0	0	250,000	250,000
P.I.R. Eastbank Terracing	0	0	0	0	0	0	275,000	275,000
P.I.R. Garages	0	0	0	0	0	0	1,000,000	1,000,000
P.I.R. Hot pits	0	0	0	0	0	0	250,000	250,000

# Capital Improvement Plan — Parks, Recreation and Culture

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

<b>Bureau</b>								
<b>Capital Program</b>	<b>Revised</b>		<b>Adopted</b>	<b>Capital Plan</b>				
<b>Project</b>	<b>Prior Years</b>	<b>FY 2001-02</b>	<b>FY 2002-03</b>	<b>FY 2003-04</b>	<b>FY 2004-05</b>	<b>FY 2005-06</b>	<b>FY 2006-07</b>	<b>5-Year Total</b>
P.I.R. Irrigation	0	0	0	0	0	0	400,000	400,000
P.I.R. Media Center	0	0	0	0	0	0	150,000	150,000
P.I.R. Repaving	0	0	0	0	0	0	750,000	750,000
P.I.R. Restrooms #2-4	0	0	0	0	0	0	500,000	500,000
P.I.R. Shops	0	0	0	0	0	0	500,000	500,000
P.I.R. Water Quality Swales and Filters	0	0	0	0	0	0	176,000	176,000
<b>Total Portland International Raceway</b>	0	0	0	0	0	0	5,501,000	5,501,000
<b>Urban Forestry</b>								
Botanic Gardens Development	0	0	0	0	0	0	3,000,000	3,000,000
Columbia Childrens Arboretum Master Plan	0	0	0	0	0	0	500,000	500,000
Community Gardens Center Development	0	0	0	0	0	0	570,000	570,000
Community Gardens Master Plan &	0	0	0	0	0	0	425,000	425,000
Community Gardens Upgrade	0	0	0	0	0	0	100,000	100,000
Forest Canopy Inventory, Assessment &	0	0	0	0	0	0	500,000	500,000
Forestry HQ Facilities Plan and	0	112,500	0	0	1,018,000	1,242,000	383,000	2,643,000
Horticultural Services Equipment	0	0	0	0	0	0	140,000	140,000
Horticultural Services Production Facility	0	0	0	0	0	0	140,000	140,000
Parks Tree Assessment and Remediation	0	0	0	50,000	75,000	75,000	300,000	500,000
Pittock Mansion & Acres Restoration of	0	0	0	0	0	0	65,000	65,000
Public View Restoration Citywide	0	0	0	0	0	0	300,000	300,000
Satellite Community Nurseries Acquisitn &	0	0	0	0	0	0	2,133,000	2,133,000
<b>Total Urban Forestry</b>	0	112,500	0	50,000	1,093,000	1,317,000	8,556,000	11,016,000
<b>Total Bureau of Parks and Recreation</b>	7,518,875	11,746,532	5,602,833	21,018,897	20,365,290	17,239,902	155,713,479	219,940,401
<b>Spectator Facilities</b>								
<b>Memorial Coliseum</b>								
Memorial Coliseum Maintenance/Repair	294,022	1,015,456	500,000	100,000	100,000	100,000	100,000	900,000
<b>Total Memorial Coliseum</b>	294,022	1,015,456	500,000	100,000	100,000	100,000	100,000	900,000
<b>PGE Park</b>								
PGE Park	36,009,160	1,256,037	150,000	300,000	100,000	100,000	100,000	750,000
<b>Total PGE Park</b>	36,009,160	1,256,037	150,000	300,000	100,000	100,000	100,000	750,000
<b>Total Spectator Facilities</b>	36,303,182	2,271,493	650,000	400,000	200,000	200,000	200,000	1,650,000
<b>Total Parks, Recreation and Culture</b>	<b>\$ 43,822,057</b>	<b>\$ 14,018,025</b>	<b>\$ 6,252,833</b>	<b>\$ 21,418,897</b>	<b>\$ 20,565,290</b>	<b>\$ 17,439,902</b>	<b>\$ 155,913,479</b>	<b>\$ 221,590,401</b>

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

**Acquisitions**

**Acquisition - Killingsworth Site (Thomas Cully Pk)**

**Area:** NE  
Expansion

**Project Description**

PP&R is working with Metro and the Department of Environmental Quality, (DEQ) to transfer ownership of a 25-acre site near NE Killingsworth and 75th. In the long term, this site provides an excellent opportunity for development of sports fields. DEQ has requested that, in exchange for a release of cleanup and DEQ's lien on the property, PP&R (City) will help defray DEQ's cost of installation of a new landfill gas extraction collection system and other site improvements in the amount of \$500,000, over the next 4 fiscal years. This property is important as a future recreational site, and will help the City meet some of its obligation for correcting park deficiencies in outer NE Portland. Currently there is little opportunity for acquiring large tracts of land such as this in the City.

**Funding Sources**

**General Fund Discretionary**

<b>Total Funding Sources</b>	800,000	125,000	125,000	125,000	125,000	0	0	375,000
<b>Project Costs</b>								
Site Acquisition	800,000	125,000	125,000	125,000	125,000	0	0	375,000
<b>Total Project Costs</b>	800,000	125,000	125,000	125,000	125,000	0	0	375,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	37,250	37,250	37,250	37,250	37,250	186,250

**Acquisition - Natural Areas (SDC)**

**Area:** ALL  
Expansion

**Project Description**

In accordance with the SDC (System Development Charges) regulations, these funds are earmarked for acquisition of natural areas in parts of town experiencing the greatest development. Funds for this program are generated from the Residential Systems Development Charge.

**Funding Sources**

System Development Charges	1,000,000	500,000	0	500,000	500,000	500,000	500,000	2,000,000
<b>Total Funding Sources</b>	1,000,000	500,000	0	500,000	500,000	500,000	500,000	2,000,000
<b>Project Costs</b>								
Site Acquisition	1,000,000	500,000	0	500,000	500,000	500,000	500,000	2,000,000
<b>Total Project Costs</b>	1,000,000	500,000	0	500,000	500,000	500,000	500,000	2,000,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Acquisition - Neighborhood Parks (SDC)**

**Area:** ALL  
Expansion

**Project Description**

In accordance with the SDC regulations, this project will acquire land for neighborhood parks in areas experiencing the greatest development. Funds for this program are generated from the Residential Systems Development Charge.

**Funding Sources**

System Development Charges	3,283,804	2,180,000	1,464,546	1,190,000	2,000,000	2,000,000	0	6,654,546
<b>Total Funding Sources</b>	3,283,804	2,180,000	1,464,546	1,190,000	2,000,000	2,000,000	0	6,654,546
<b>Project Costs</b>								
Site Acquisition	3,283,804	2,180,000	1,464,546	1,190,000	2,000,000	2,000,000	0	6,654,546
<b>Total Project Costs</b>	3,283,804	2,180,000	1,464,546	1,190,000	2,000,000	2,000,000	0	6,654,546
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Parks, Recreation and Culture

## Bureau of Parks and Recreation

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Acquisition - Park Deficient Neighborhoods (SDC)</b>								
							<b>Area:</b>	ALL
								Expansion
<b>Project Description</b>								
In accordance with the SDC regulations, this project will acquire land in existing neighborhoods where there is deficient parkland. While SDC funds are used to meet demands of new growth, the City has responsibility to take care of existing deficiencies.								
<b>Funding Sources</b>								
General Fund Discretionary	0	0	0	0	0	200,000	200,000	400,000
<b>Total Funding Sources</b>	0	0	0	0	0	200,000	200,000	400,000
<b>Project Costs</b>								
Site Acquisition	0	0	0	0	0	200,000	200,000	400,000
<b>Total Project Costs</b>	0	0	0	0	0	200,000	200,000	400,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Acquisition - Park Inholding Properties</b>								
							<b>Area:</b>	ALL
							<b>Objective(s):</b>	Expansion Efficiency
<b>Project Description</b>								
Acquisition of park inholding properties to improve access, use, safety and security at existing park sites.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,500,000	1,500,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,500,000	1,500,000
<b>Project Costs</b>								
Site Acquisition	0	0	0	0	0	0	1,500,000	1,500,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,500,000	1,500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Acquisition - Park Opportunity Fund</b>								
							<b>Area:</b>	ALL
							<b>Objective(s):</b>	Expansion Efficiency
<b>Project Description</b>								
This is a reserve fund to enable acquisition of properties that become threatened if not purchased when opportunity arises.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,500,000	1,500,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,500,000	1,500,000
<b>Project Costs</b>								
Site Acquisition	0	0	0	0	0	0	1,500,000	1,500,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,500,000	1,500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Acquisitn - Park Deficient Areas (CC/NW - COM Park)</b>								
							<b>Area:</b>	<b>CC</b>
								Expansion
<b>Project Description</b>								
Acquire 12 acres of property for Community Parks in the Northwest and Central City District to correct community park deficiencies identified in the Parks 20-20 Vision Plan.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,800,000	1,800,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,800,000	1,800,000
<b>Project Costs</b>								
Site Acquisition	0	0	0	0	0	0	1,800,000	1,800,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,800,000	1,800,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Acquisitn - Park Deficient Areas (CC/NW - NH Park)</b>								
							<b>Area:</b>	<b>CC</b>
<b>Project Description</b>								
Acquisition of approximately 6 acres of property to meet park deficiencies in the NW Park District.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,900,000	1,900,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,900,000	1,900,000
<b>Project Costs</b>								
Site Acquisition	0	0	0	0	0	0	1,900,000	1,900,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,900,000	1,900,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Acquisitn - Park Deficient Areas (N/NE - NH Park)</b>								
							<b>Area:</b>	<b>N</b>
								Expansion
<b>Project Description</b>								
Purchase of approximately 6 to 10 acres of Neighborhood Park property in park deficient areas of the N/NE District.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	700,000	700,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	700,000	700,000
<b>Project Costs</b>								
Site Acquisition	0	0	0	0	0	0	700,000	700,000
<b>Total Project Costs</b>	0	0	0	0	0	0	700,000	700,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0



**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
<hr/>									
Acquisitn - Park Deficient Areas (OE - COM Park)									E
									Expansion
<hr/>									
Project Description									
Parkland acquisition in Outer East. Acquire 23 acres of property for Community Parks in the Outer East District to correct deficiencies identified in the Vision 20-20 Plan.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	900,000	900,000	
Total Funding Sources	0	0	0	0	0	0	900,000	900,000	
Project Costs									
Site Acquisition	0	0	0	0	0	0	900,000	900,000	
Total Project Costs	0	0	0	0	0	0	900,000	900,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
<hr/>									
Acquisitn - Park Deficient Areas (SE - NH Park)									SE
									Expansion
<hr/>									
Project Description									
Park Acquisitions in Park Deficient Areas of the Southeast District. Purchase of approximately 4.00 acres of Neighborhood Park property in park deficient areas of the Southeast District.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	600,000	600,000	
Total Funding Sources	0	0	0	0	0	0	600,000	600,000	
Project Costs									
Site Acquisition	0	0	0	0	0	0	600,000	600,000	
Total Project Costs	0	0	0	0	0	0	600,000	600,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
<hr/>									
Acquisitn - Park Deficient Areas (SW - COM Park)									SW
									Expansion
<hr/>									
Project Description									
Acquire 20 acres of property for Community Parks in the Southwest District to correct community park deficiencies identified in the Parks 2020 Vision Plan.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	3,400,000	3,400,000	
Total Funding Sources	0	0	0	0	0	0	3,400,000	3,400,000	
Project Costs									
Site Acquisition	0	0	0	0	0	0	3,400,000	3,400,000	
Total Project Costs	0	0	0	0	0	0	3,400,000	3,400,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>ESA Land Acquisitions</b>								
							<b>Area:</b>	ALL
								Expansion
<b>Project Description</b>								
Identify and acquire land with critical habitat in terms of the Endangered Species Act listing of salmonids.								
<b>Funding Sources</b>								
Intergovernmental		0	750,000	0	787,500	826,900	868,200	911,610
<b>Total Funding Sources</b>		0	750,000	0	787,500	826,900	868,200	911,610
<b>Project Costs</b>								
Site Acquisition		0	750,000	0	787,500	826,900	868,200	911,610
<b>Total Project Costs</b>		0	750,000	0	787,500	826,900	868,200	911,610
<b>Fund Level Costs</b>		0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>		0	0	0	0	0	0	0

**Aquatics**

**Columbia Pool HVAC and Light Replacement**

**Area:** N  
**Objective(s):** Repair/Maint  
Replacement  
Efficiency

**Project Description**

The City has budgeted funds for the HVAC and Lighting replacement for FY01-02 and FY02-03. The City faces closing the pool if the HVAC/heat wheel for the natatorium is not replaced. This is the only year-round pool in North Portland for the Aquatics Program. Overhead lights in the natatorium have reached their useful life and should be replaced concurrently; without the lights the facility is unusable. We will need to hire an engineering consultant to determine new light layout for proper lighting levels.

**Funding Sources**

General Fund Discretionary	0	86,000	345,000	0	0	0	0	345,000
<b>Total Funding Sources</b>	0	86,000	345,000	0	0	0	0	345,000

**Project Costs**

Design/ProjMgmt	0	86,000	0	0	0	0	0	0
Const/Equip	0	0	345,000	0	0	0	0	345,000
<b>Total Project Costs</b>	0	86,000	345,000	0	0	0	0	345,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	9,000	9,000	9,000	9,000	36,000
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**Dishman Pool AC Replacemt & Glass Enclosure**

**Area:** NE  
**Objective(s):** Replacement  
Efficiency

**Project Description**

AC unit is only 8 years old but already corroded, and is proposed for replacement. Also need to add glass enclosure to protect AC unit from chlorinated air. Proposed this improvement to be done in FY03-04.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	270,000	270,000
General Fund Discretionary	0	0	0	0	197,000	0	0	197,000
<b>Total Funding Sources</b>	0	0	0	0	197,000	0	270,000	467,000

**Project Costs**

Planning	0	0	0	0	7,000	0	0	7,000
Design/ProjMgmt	0	0	0	0	24,000	0	38,000	62,000
Const/Equip	0	0	0	0	166,000	0	232,000	398,000
<b>Total Project Costs</b>	0	0	0	0	197,000	0	270,000	467,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	3,750	3,750	3,750	11,250
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# Capital Improvement Plan — Parks, Recreation and Culture

## Bureau of Parks and Recreation

### PROJECT DETAIL

	Revised		Adopted		Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
East Portland Comm Cntr New Aquatics Pool									
	Area:							E	
								Expansion	
Project Description									
Complete the existing Master Plan for East Portland Community Center by adding a pool. The facility should include a lap pool, therapy pool (warm water), water features such as slides, shutes, ropes, and other toys and a spa area. To handle the increased usage, the parking lot will have to be renovated, probably to the extent of building a parking structure.									
Funding Sources									
Others Financing	0	0	0	0	0	2,850,000	2,150,000	5,000,000	
Total Funding Sources	0	0	0	0	0	2,850,000	2,150,000	5,000,000	
Project Costs									
Planning	0	0	0	0	0	25,000	0	25,000	
Design/ProjMgmt	0	0	0	0	0	25,000	150,000	175,000	
Const/Equip	0	0	0	0	0	2,800,000	2,000,000	4,800,000	
Total Project Costs	0	0	0	0	0	2,850,000	2,150,000	5,000,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Grant Pool Renovation									
	Area:							NE	
	Objective(s):							Repair/Maint Replacement Efficiency	
Project Description									
Break the existing pool into two bodies of water to allow for different water temperatures and pool turnover rates. Add a six-foot wide walkway between the two pools. Renovate entire mechanical system, pump and heat exchanger. Install a drop slide and build a new perimeter wall and fence around pool.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	3,500,000	3,500,000	
Total Funding Sources	0	0	0	0	0	0	3,500,000	3,500,000	
Project Costs									
Planning	0	0	0	0	0	0	150,000	150,000	
Design/ProjMgmt	0	0	0	0	0	0	350,000	350,000	
Const/Equip	0	0	0	0	0	0	3,000,000	3,000,000	
Total Project Costs	0	0	0	0	0	0	3,500,000	3,500,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Montavilla Pool Renovation									
	Area:							SE	
	Objective(s):							Expansion Efficiency	
Project Description									
Build an office for pool staff and construct restrooms. Install a water slide. Break the existing pool into two bodies of water to allow for different water temperatures and pool turnover rates. Expand lap pool to be six lanes wide. Add a current channel and vortex to the pool. Add some outdoor showers onto the new restroom/ office building. Possibly add a small kiddy pool with interactive features.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	3,750,000	3,750,000	
Total Funding Sources	0	0	0	0	0	0	3,750,000	3,750,000	
Project Costs									
Planning	0	0	0	0	0	0	150,000	150,000	
Design/ProjMgmt	0	0	0	0	0	0	3,200,000	3,200,000	
Const/Equip	0	0	0	0	0	0	400,000	400,000	
Total Project Costs	0	0	0	0	0	0	3,750,000	3,750,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

**Peninsula Pool Renovation or Relocation**

**Area:** N

**Objective(s):** Repair/Maint  
Replacement  
Efficiency

**Project Description**

Pool is old and due to state code it is an "all or nothing" deal so the entire pool would need to be rebuilt. Replacing the pool with a "zero depth" pool and a shallower "deep end" would make the pool more usable for the neighborhood.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	4,000,000	4,000,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	4,000,000	4,000,000

**Project Costs**

Planning	0	0	0	0	0	0	150,000	150,000
Design/ProjMgmt	0	0	0	0	0	0	250,000	250,000
Const/Equip	0	0	0	0	0	0	3,600,000	3,600,000
<b>Total Project Costs</b>	0	0	0	0	0	0	4,000,000	4,000,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Southwest Community Center Pool Renovatn**

**Area:** SW

**Objective(s):** Repair/Maint  
Replacement  
Mandated  
Expansion  
Efficiency

**Project Description**

The SW CC was opened in 1999 so the pools will need to be replastered sometime between 2009 and 2014. The whirlpool spa should be tiled. Acoustical noise reducers need to be added to the gutter system of both pools to meet OSHA standards.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	300,000	300,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	300,000	300,000

**Project Costs**

Planning	0	0	0	0	0	0	15,000	15,000
Design/ProjMgmt	0	0	0	0	0	0	35,000	35,000
Const/Equip	0	0	0	0	0	0	250,000	250,000
<b>Total Project Costs</b>	0	0	0	0	0	0	300,000	300,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Parks, Recreation and Culture

## Bureau of Parks and Recreation

## PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
<b>Wading Pool Conversion Master Plan and Renovat</b>									
									Area: ALL
									Objective(s): Repair/Maint Replacement Mandated
<b>Project Description</b>									
The Oregon Health Div has mandated that all wading pools need recirculation, filtration, and disinfection. All wading pools without water recirculation shall be renovated or removed before June 1, 2006. As an operator of 32 existing pools, PPR must provide a plan and timetable for renovation / removal of all city facilities by June 30, 2006.									
<b>Funding Sources</b>									
General Fund Discretionary	0	41,450	0	0	200,000	73,900	0	273,900	
General Obligation Bonds	0	0	0	0	0	0	1,400,000	1,400,000	
<b>Total Funding Sources</b>	0	41,450	0	0	200,000	73,900	1,400,000	1,673,900	
<b>Project Costs</b>									
Planning	0	41,450	0	0	0	0	0	0	
Design/ProjMgmt	0	0	0	0	190,000	30,000	200,000	420,000	
Const/Equip	0	0	0	0	10,000	43,900	1,200,000	1,253,900	
<b>Total Project Costs</b>	0	41,450	0	0	200,000	73,900	1,400,000	1,673,900	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	82,000	262,400	344,400	
<b>Facilities</b>									
<b>Community Ctr Furnitures &amp; Fitness Equipments</b>									
									Area: ALL
									Objective(s): Replacement Efficiency
<b>Project Description</b>									
Replace old and worn out equipments and furnitures. Approx 20 pieces of equipment are nearing end of useful life and require constant repairs. Some are a safety hazard. New equipment is better designed and will give users better, safer work out.									
<b>Funding Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	525,000	525,000	
<b>Total Funding Sources</b>	0	0	0	0	0	0	525,000	525,000	
<b>Project Costs</b>									
Const/Equip	0	0	0	0	0	0	525,000	525,000	
<b>Total Project Costs</b>	0	0	0	0	0	0	525,000	525,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	
<b>Community Music Center Hose Tower Seismic</b>									
									Area: SE
									Objective(s): Repair/Maint Mandated
<b>Project Description</b>									
The "Hose Tower", at the Community Music Center (an old firehouse), is constructed of unreinforced brick that could topple into the building or street in an earthquake. In 1998, the Building Bureau allowed occupancy of the building with the condition that seismic improvements to the tower be completed within three years. That is the intent of this project.									
<b>Funding Sources</b>									
General Fund Discretionary	0	28,200	0	0	420,000	494,000	0	914,000	
<b>Total Funding Sources</b>	0	28,200	0	0	420,000	494,000	0	914,000	
<b>Project Costs</b>									
Planning	0	28,200	0	0	0	0	0	0	
Design/ProjMgmt	0	0	0	0	127,000	20,000	0	147,000	
Const/Equip	0	0	0	0	293,000	474,000	0	767,000	
<b>Total Project Costs</b>	0	28,200	0	0	420,000	494,000	0	914,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	93	0	0	0	0	93	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Dishman Community Ctr. Expansion &amp; Renovation</b>								
							<b>Area:</b>	NE
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Acquire PP & L property across the street from Dishman's entrance. Expand complex by adding a double or triple gym w/ seating and suspended track, classrooms and parking. Renovate reception desk and lobby area.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	4,000,000	4,000,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	4,000,000	4,000,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	250,000	250,000
Design/Proj/Mgmt	0	0	0	0	0	0	550,000	550,000
Const/Equip	0	0	0	0	0	0	3,200,000	3,200,000
<b>Total Project Costs</b>	0	0	0	0	0	0	4,000,000	4,000,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>East Portland Community Center Renovation</b>								
							<b>Area:</b>	E
							<b>Objective(s):</b>	Expansion Efficiency
<b>Project Description</b>								
If pool addition occurs, other changes will have to be made to the community center including: renovation of the locker rooms, hallways and the reception area. Expand weight room and kitchen, and enhance other multi-purpose spaces.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,650,000	1,650,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,650,000	1,650,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	150,000	150,000
Design/Proj/Mgmt	0	0	0	0	0	0	300,000	300,000
Const/Equip	0	0	0	0	0	0	1,200,000	1,200,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,650,000	1,650,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Environmental Learning Ctr &amp; Four Teaching Structr</b>								
							<b>Area:</b>	ALL
								Expansion
<b>Project Description</b>								
Planning, siting and construction of a full-service Center to include classrooms, meeting space, offices, storage for teaching supplies, restrooms and display areas. In order to benefit all areas of the city, this project also includes 4 multi-use, covered teaching structures to be sited adjacent to larger PP&R open spaces in outlying areas. The Center would act as the focal point for PP&R's extensive, yet dispersed, Environmental Education offerings, would encourage good stewardship of Portland's natural resources, and would become an important resource for public and private school teachers.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	4,852,000	4,852,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	4,852,000	4,852,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	250,000	250,000
Design/Proj/Mgmt	0	0	0	0	0	0	750,000	750,000
Const/Equip	0	0	0	0	0	0	3,852,000	3,852,000
<b>Total Project Costs</b>	0	0	0	0	0	0	4,852,000	4,852,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Firehouse Theater Renovation and Seismic</b>								
							<b>Area:</b>	SW
							<b>Objective(s):</b>	Repair/Maint Mandated
<b>Project Description</b>								
Need Seismic Upgrade. Following repairs: boiler steam pipes aging, chimney need clean/paint, brick/mortar in poor condition, wood hose tower in very poor condition, floor coverings need replacing, wood fire escape needs replacing, possible lead paint and asbestos.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	700,000	700,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	700,000	700,000
<b>Project Costs</b>								
Const/Equip	0	0	0	0	0	0	700,000	700,000
<b>Total Project Costs</b>	0	0	0	0	0	0	700,000	700,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Fulton Community Center Renovation</b>								
							<b>Area:</b>	SW
							<b>Objective(s):</b>	Repair/Maint Replacement Expansion Efficiency
<b>Project Description</b>								
Expand Community Center to add classrooms. Repairs needed include: Replace boiler, 2 doors, all steam piping, electrical service & panels. Renovate parking lot, paving, restrooms and kitchen.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	4,000,000	4,000,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	4,000,000	4,000,000
<b>Project Costs</b>								
Const/Equip	0	0	0	0	0	0	4,000,000	4,000,000
<b>Total Project Costs</b>	0	0	0	0	0	0	4,000,000	4,000,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Hillside Community Center Expansion</b>								
							<b>Area:</b>	SW
								Expansion
<b>Project Description</b>								
This Project has two components: a) A 580 square foot structure adjacent to Hillside Community Center that will be attached to the existing center with a covered walkway. The structure will house a typical multi-purpose room with cabinets, sink, and storage. The structure will be designed in such a way that reduces future maintenance - reinforced concrete block structure will make it resistant to future mudslides as well as vandals; a stucco finish will make it easy to paint in the future; and a metal roof will not need replacing. The building will require water, sewer, and electrical extensions from the existing center. B) A 100 linear foot fence will enclose the outdoor play area. The fence will be made of metal frames with the attractive appearance of wrought iron. The frames will be filled with a wire mesh. In addition, three tall gates will be installed to provide better security in the play area and the covered walkway.								
<b>Funding Sources</b>								
Grants/Donations	0	0	172,500	0	0	0	0	172,500
<b>Total Funding Sources</b>	0	0	172,500	0	0	0	0	172,500
<b>Project Costs</b>								
Const/Equip	0	0	172,500	0	0	0	0	172,500
<b>Total Project Costs</b>	0	0	172,500	0	0	0	0	172,500
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Interstate Firehouse Cultural Center Renovation</b>								
							<b>Area:</b>	N
							<b>Objective(s):</b>	Repair/Maint Mandated
<b>Project Description</b>								
Facility needs seismic upgrade. It also has limited programmable space.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,400,000	1,400,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,400,000	1,400,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	50,000	50,000
Design/ProjMgmt	0	0	0	0	0	0	150,000	150,000
Const/Equip	0	0	0	0	0	0	1,200,000	1,200,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,400,000	1,400,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Lair Hill Park Annex Renovation and Seismic</b>								
							<b>Area:</b>	CC
							<b>Objective(s):</b>	Repair/Maint Replacement Mandated Efficiency
<b>Project Description</b>								
Need seismic upgrade and work on exterior walls, doors, windows and stairs. Also need to replace roof and furnace.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	725,000	725,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	725,000	725,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	25,000	25,000
Design/ProjMgmt	0	0	0	0	0	0	100,000	100,000
Const/Equip	0	0	0	0	0	0	600,000	600,000
<b>Total Project Costs</b>	0	0	0	0	0	0	725,000	725,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Lair Hill Park Bldg End Use, Renov &amp; Seismic</b>								
							<b>Area:</b>	NW
							<b>Objective(s):</b>	Repair/Maint Mandated
<b>Project Description</b>								
The building of the Old Children's Museum needs to either be renovated for a new program or removed. Building will need seismic upgrade if there are plans for reuse.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,500,000	1,500,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,500,000	1,500,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	50,000	50,000
Design/ProjMgmt	0	0	0	0	0	0	150,000	150,000
Const/Equip	0	0	0	0	0	0	1,300,000	1,300,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,500,000	1,500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0



**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Maintenance Facilities Developmt & Renov (Ph. 1)									
									Area: ALL
									Objective(s): Repair/Maint Replacement Mandated Expansion Efficiency
Project Description									
Renovate existing maintenance headquarters and satellite facilities as necessary. In addition, build new maintenance facilities in the Outer East and North. To do 3 headquarters in Phase 1 and another 3 headquarters in Phase 2.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	3,000,000	3,000,000	
Total Funding Sources	0	0	0	0	0	0	3,000,000	3,000,000	
Project Costs									
Const/Equip	0	0	0	0	0	0	3,000,000	3,000,000	
Total Project Costs	0	0	0	0	0	0	3,000,000	3,000,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Maintenance Facilities Renovation									
									Area: ALL
									Objective(s): Repair/Maint Replacement Mandated Efficiency
Project Description									
Replace or renovate park maintenance facilities, providing safe electrical and plumbing systems, adequate lighting and space, and meeting environmental requirements.									
Funding Sources									
Others Financing	0	0	0	250,000	625,000	0	0	875,000	
Total Funding Sources	0	0	0	250,000	625,000	0	0	875,000	
Project Costs									
Planning	0	0	0	250,000	0	0	0	250,000	
Const/Equip	0	0	0	0	625,000	0	0	625,000	
Total Project Costs	0	0	0	250,000	625,000	0	0	875,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	15,000	15,000	30,000	
Montavilla Community Ctr Expanded Renovation									
									Area: SE
									Objective(s): Replacement Expansion Efficiency
Project Description									
The outside restrooms, aquatic office, summer recreation office and storage area all need to be redesigned and renovated.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	500,000	500,000	
Total Funding Sources	0	0	0	0	0	0	500,000	500,000	
Project Costs									
Const/Equip	0	0	0	0	0	0	500,000	500,000	
Total Project Costs	0	0	0	0	0	0	500,000	500,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

**Mt. Scott Community Ctr Expanded Renovation**

**Area:** SE

**Objective(s):** Repair/Maint  
Replacement  
Expansion  
Efficiency

**Project Description**

Renovate to provide a full-service center. Complete renovation needs are outlined in the Master Plan. Improvements include:

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	2,590,000	2,590,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	2,590,000	2,590,000

**Project Costs**

Planning	0	0	0	0	0	0	50,000	50,000
Design/ProjMgmt	0	0	0	0	0	0	40,000	40,000
Const/Equip	0	0	0	0	0	0	2,500,000	2,500,000
<b>Total Project Costs</b>	0	0	0	0	0	0	2,590,000	2,590,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Mt. Tabor Annex Seismic Upgrade and Renovatn**

**Area:** SE

**Objective(s):** Repair/Maint  
Mandated

**Project Description**

Need seismic retrofit. Repace boilers, doors, carpeting, paving/sidewalk, stairs, windows. All exterior paint has lead contamination. Also need to investigate feasibility of replacing the entire facility.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	1,010,000	1,010,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,010,000	1,010,000

**Project Costs**

Planning	0	0	0	0	0	0	60,000	60,000
Design/ProjMgmt	0	0	0	0	0	0	150,000	150,000
Const/Equip	0	0	0	0	0	0	800,000	800,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,010,000	1,010,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Mt. Tabor Yard/Maintenance Facility Renovatn</b>								
	<b>Area:</b>							SE
	<b>Objective(s):</b>							Repair/Maint Replacement Mandated Expansion Efficiency
<b>Project Description</b>								
The facilities at Mt Tabor Yard are at a critical stage. The 1999 PPR Maintenance Facilities Plan noted that minor repairs are no longer possible and that major repairs are necessary but not economic given the age, condition and obsolete design. All are very crowded, many are seismically inadequate, none meet ADA standards. A facilities assessment showed that only two existing buildings and the greenhouses are suitable for remodeling.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	0	0
General Fund Discretionary	0	0	0	0	1,500,000	1,957,000	4,990,000	8,447,000
<b>Total Funding Sources</b>	0	0	0	0	1,500,000	1,957,000	4,990,000	8,447,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	300,000	457,000	1,000,000	1,757,000
Const/Equip	0	0	0	0	1,200,000	1,500,000	3,990,000	6,690,000
<b>Total Project Costs</b>	0	0	0	0	1,500,000	1,957,000	4,990,000	8,447,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	40,500	130,500	171,000

**Multnomah Art Center Renovation**

**Area:** SW

**Objective(s):** Repair/Maint  
Replacement  
Efficiency

**Project Description**

Resurfacing of deteriorated paved areas, enhance parking, ADA access, lighting, landscaping, and play area. Complete roof of the out buildings and window replacements. Install new HVAC system, and upgrade the building to meet seismic needs.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	3,150,000	3,150,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	3,150,000	3,150,000

**Project Costs**

Planning	0	0	0	0	0	0	150,000	150,000
Design/ProjMgmt	0	0	0	0	0	0	500,000	500,000
Const/Equip	0	0	0	0	0	0	2,500,000	2,500,000
<b>Total Project Costs</b>	0	0	0	0	0	0	3,150,000	3,150,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**Pittock Mansion Renovation**

**Area:** NW

**Objective(s):** Repair/Maint  
Replacement  
Efficiency

**Project Description**

It is urgent that measures be taken to maintain the exterior masonry of Pittock Mansion. The deterioration of the masonry is very visible and disturbing. The previous project only addressed leaking problems at upper level (everything above gutter line). This project is to address leakage at the lower levels.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	2,500,000	2,500,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	2,500,000	2,500,000

**Project Costs**

Planning	0	0	0	0	0	0	75,000	75,000
Design/ProjMgmt	0	0	0	0	0	0	175,000	175,000
Const/Equip	0	0	0	0	0	0	2,250,000	2,250,000
<b>Total Project Costs</b>	0	0	0	0	0	0	2,500,000	2,500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Pittock Mansion Roof and Masonry Repair**

**Area:** NW

Repair/Maint

**Project Description**

When this project was implemented in FY00-01, it was discovered that the roof had deteriorated more severely than revealed in the original assessment. In FY01-02, PP&R will complete the repairs to the roof, copper gutters, flashing, chimneys, and replace damaged roof tiles. The project will also include lighting retrofits to reduce energy costs by approximately \$3000 annually. Repair of leaks from the east side terrace into the basement area is scheduled to begin in the same year. The stone facing of the Mansion will also be cleaned and repaired as needed, including tuckpointing and sealing of the sandstone.

**Funding Sources**

General Fund Discretionary	390,000	253,200	0	0	41,000	364,000	0	405,000
<b>Total Funding Sources</b>	390,000	253,200	0	0	41,000	364,000	0	405,000

**Project Costs**

Design/ProjMgmt	390,000	253,200	0	0	13,000	114,000	0	127,000
Const/Equip	0	0	0	0	28,000	250,000	0	278,000
<b>Total Project Costs</b>	390,000	253,200	0	0	41,000	364,000	0	405,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	9,100	9,100	9,100	9,100	36,400

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Portland Tennis Center Renovation									
									Area: CC
									Objective(s): Repair/Maint Replacement Efficiency
Project Description									
Install complete replacement of perimeter fencing, net posts, and court surface for outdoor courts. Tennis courts need resurfacing every 6 years.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	570,000	570,000
Total Funding Sources		0	0	0	0	0	0	570,000	570,000
Project Costs									
Planning		0	0	0	0	0	0	20,000	20,000
Design/ProjMgmt		0	0	0	0	0	0	50,000	50,000
Const/Equip		0	0	0	0	0	0	500,000	500,000
Total Project Costs		0	0	0	0	0	0	570,000	570,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	12,500	12,500
Sellwood Community Center Renovation									
									Area: SE
									Objective(s): Repair/Maint Replacement Mandated
Project Description									
Need to decide whether to complete a renovation or build a new building. Renovation would include:									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	1,500,000	1,500,000
Total Funding Sources		0	0	0	0	0	0	1,500,000	1,500,000
Project Costs									
Planning		0	0	0	0	0	0	50,000	50,000
Design/ProjMgmt		0	0	0	0	0	0	150,000	150,000
Const/Equip		0	0	0	0	0	0	1,300,000	1,300,000
Total Project Costs		0	0	0	0	0	0	1,500,000	1,500,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Special Recreation Headquarter Relocation									
									Area: All
									Objective(s): Repair/Maint Replacement Mandated Expansion
Project Description									
Relocate the Special Recreation program offices to an accessible location(s). Currently Disabled Citizens Recreation and Senior Recreation are located at Buckman Fieldhouse, which is not easily accessible.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	1,000,000	1,000,000
Total Funding Sources		0	0	0	0	0	0	1,000,000	1,000,000
Project Costs									
Const/Equip		0	0	0	0	0	0	1,000,000	1,000,000
Total Project Costs		0	0	0	0	0	0	1,000,000	1,000,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Sports Stadiums Lighting and Scoreboards</b>								
							<b>Area:</b>	ALL
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
On all stadiums, need to redo all the lights and replace scoreboards. PGE partnering with us on lights. PP&R manages 4 stadiums.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	125,000	125,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	125,000	125,000
<b>Project Costs</b>								
Const/Equip	0	0	0	0	0	0	125,000	125,000
<b>Total Project Costs</b>	0	0	0	0	0	0	125,000	125,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>St. Johns Racquet Center Renovation</b>								
							<b>Area:</b>	N
							<b>Objective(s):</b>	Repair/Maint Replacement Mandated Efficiency
<b>Project Description</b>								
Needs major mechanical and electrical systems renovation as well as structural improvements. There are fire and life safety issues as well.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	460,000	460,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	460,000	460,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	20,000	20,000
Design/ProjMgmt	0	0	0	0	0	0	60,000	60,000
Const/Equip	0	0	0	0	0	0	380,000	380,000
<b>Total Project Costs</b>	0	0	0	0	0	0	460,000	460,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Transportation Program (Vans for Recreation Prog)</b>								
							<b>Area:</b>	ALL
							<b>Objective(s):</b>	Expansion Efficiency
<b>Project Description</b>								
Some citizens find lack of transportation is a significant barrier to participation in recreation programs. Need total of 11 vans.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	300,000	300,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	300,000	300,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	15,000	15,000
Const/Equip	0	0	0	0	0	0	285,000	285,000
<b>Total Project Costs</b>	0	0	0	0	0	0	300,000	300,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Parks, Recreation and Culture

## Bureau of Parks and Recreation

### PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

#### University Park Community Center Phase II Renov

Area: N

Objective(s): Repair/Maint  
Replacement  
Expansion  
Efficiency

#### Project Description

The upgrading of University Park Community Center will be accomplished over the course of three primary phases. Phase 1 has renovated the north wing of the existing community center primarily with CIP funds. Phase 2 will renovate the south wing of the existing community center primarily with funds from a federal grant (UPARR). Phase 3 will construct new recreational facilities behind the existing community center with funds derived from a bond measure or levy. These three phases follow a facility master plan completed during 1998.

#### Funding Sources

Grants/Donations	0	0	714,000	850,000	0	0	0	1,564,000
<b>Total Funding Sources</b>	0	0	714,000	850,000	0	0	0	1,564,000

#### Project Costs

Planning	0	0	100,000	122,000	0	0	0	222,000
Design/ProjMgmt	0	0	114,000	128,000	0	0	0	242,000
Const/Equip	0	0	500,000	600,000	0	0	0	1,100,000
<b>Total Project Costs</b>	0	0	714,000	850,000	0	0	0	1,564,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

#### University Park Community Ctr Ph III New Constructn

Area: N

Expansion

#### Project Description

The upgrading of University Park Community Center will be accomplished over the course of three primary phases. Phase 1 has renovated the north wing of the existing community center primarily with CIP funds. Phase 2 will renovate the south wing of the existing community center primarily with funds from a federal grant (UPARR). Phase 3 will construct new recreational facilities behind the existing community center with funds derived from a bond measure or levy. These three phases follow a facility master plan completed during 1998.

#### Funding Sources

Others Financing	0	0	0	350,000	4,650,000	0	0	5,000,000
<b>Total Funding Sources</b>	0	0	0	350,000	4,650,000	0	0	5,000,000

#### Project Costs

Planning	0	0	0	50,000	0	0	0	50,000
Design/ProjMgmt	0	0	0	300,000	200,000	0	0	500,000
Const/Equip	0	0	0	0	4,450,000	0	0	4,450,000
<b>Total Project Costs</b>	0	0	0	350,000	4,650,000	0	0	5,000,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	100,000	100,000	200,000

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Walker Stadium Renovation									
									Area: SE
									Objective(s): Repair/Maint Replacement Efficiency
Project Description									
Renovate stadium by making architectural, engineering, and accessibility changes. Replace stadium lights and electrical services; replace scoreboard; renovate restrooms.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	775,000	775,000	
Total Funding Sources	0	0	0	0	0	0	775,000	775,000	
Project Costs									
Planning	0	0	0	0	0	0	25,000	25,000	
Design/ProjMgmt	0	0	0	0	0	0	50,000	50,000	
Const/Equip	0	0	0	0	0	0	700,000	700,000	
Total Project Costs	0	0	0	0	0	0	775,000	775,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Golf									
Fairway Topdressing Projects									
									Area: SE
									Objective(s): Repair/Maint Efficiency
Project Description									
This project involves topdressing the greens at Eastmoreland Golf Course and Rose City Golf Course in FY02-03. Topdressing is rotated among various golf courses.									
Funding Sources									
Service Charges and Fees	0	0	90,000	47,000	55,000	0	0	192,000	
Total Funding Sources	0	0	90,000	47,000	55,000	0	0	192,000	
Project Costs									
Const/Equip	0	0	90,000	47,000	55,000	0	0	192,000	
Total Project Costs	0	0	90,000	47,000	55,000	0	0	192,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Heron Lakes Clubhouse & Trail Development									
									Area: N
									Repair/Maint
Project Description									
This project involves development and implementation of a Conditional Use Management Plan for Heron Lakes Golf Course and West Delta Park. Required by the 1997 Natural Resources Management Plan (NRMP) for the Peninsula Drainage District No. 1, this plan will incorporate NRMP recommendations with plans for the Heron Lakes Golf Course, the Portland International Raceway, Metro Portland Expo Center, and other public agencies and private landowners. In accordance with the management plan, the project also includes design and construction of a clubhouse for Heron Lakes Golf Course (which has been housed in a temporary trailer since 1970), trail development, and revegetation and other environmental enhancements. The project is funded with revenue from the municipal golf courses.									
Funding Sources									
Service Charges and Fees	991,071	0	300,000	3,986,568	0	0	0	4,286,568	
Total Funding Sources	991,071	0	300,000	3,986,568	0	0	0	4,286,568	
Project Costs									
Const/Equip	991,071	0	300,000	3,986,568	0	0	0	4,286,568	
Total Project Costs	991,071	0	300,000	3,986,568	0	0	0	4,286,568	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	



**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Red Tail Golf Course - Maintenance Facility								
	Area:	SW						
	Repair/Maint							
Project Description								
As part of the redesign of the former Progress Downs Golf Course, the location of the maintenance facility was moved. Construction of the golf course, renamed Red Tail, was completed in spring 2000 and opened in June. Construction of the maintenance facility is now underway and scheduled for completion in early 2002. These improvements are made with revenue generated from the municipal golf courses.								
Funding Sources								
Service Charges and Fees		0	20,000	5,000	0	0	0	5,000
Total Funding Sources		0	20,000	5,000	0	0	0	5,000
Project Costs								
Const/Equip		0	20,000	5,000	0	0	0	5,000
Total Project Costs		0	20,000	5,000	0	0	0	5,000
Fund Level Costs		0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0
Rose City Golf Course Irrigation								
	Area:	NE						
	Objective(s):	Replacement Efficiency						
Project Description								
Rose City Golf Course is a 18-hole public golf course owned and operated by the City of Portland Parks & Recreation. Rose City Golf Course is located east of NE 62nd Avenue between NE Tillamook Street and NE Sacramento Street in the Rose City Neighborhood. Over 100,000 rounds of golf are played annually at this facility. Portland Parks & Recreation is planning improvements to this 120+ acre golf course that would increase irrigation efficiencies, reduce water usage and reduce manual watering labor costs.. PP&R is seeking proposals from professional's to design a new irrigation system to replace an existing 40+ year old system. PP&R proposes to engage the professional design team to: prepare a feasibility study of irrigation water source procurement and delivery, an irrigation system design utilizing a RainBird decoder-based system for the existing MaxiNimbus central control features, prepare construction drawings and specifications and provide construction administration services during the construction of the improvements. The City anticipates having the selected consultant begin work in late February 2002, with the construction period occurring between Fall 2002 and Spring 2003. It is anticipated that project management, design, permitting, and construction fees would be approximately \$750,000.								
Funding Sources								
Service Charges and Fees		0	0	295,000	250,000	205,000	0	750,000
Total Funding Sources		0	0	295,000	250,000	205,000	0	750,000
Project Costs								
Design/ProjMgmt		0	0	150,000	35,000	0	0	185,000
Const/Equip		0	0	145,000	215,000	205,000	0	565,000
Total Project Costs		0	0	295,000	250,000	205,000	0	750,000
Fund Level Costs		0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0
Small CIP Projects								
	Area:	ALL						
	Repair/Maint							
Project Description								
Various golf capital improvements.								
Funding Sources								
Service Charges and Fees		0	0	200,000	0	0	0	200,000
Total Funding Sources		0	0	200,000	0	0	0	200,000
Project Costs								
Const/Equip		0	0	200,000	0	0	0	200,000
Total Project Costs		0	0	200,000	0	0	0	200,000
Fund Level Costs		0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

**Natural Areas**

**Bridgeton Forty-Mile Loop Trail**

**Area:** NE  
Expansion

**Project Description**

After construction scheduled for the summer of 2002, the only gap in the 12.5-mile section of the 40-Mile Loop Trail along Marine Drive between Kelley Point Park and I-205 will be in the vicinity of Bridgeton. This two mile long project would complete needed sidewalks along NE Bridgeton Road as well as bike lanes and off-street trail along Marine Drive. Incomplete sidewalks along Marine Drive severely impede neighborhood access to Marine Drive Trail; intersection improvements & pedestrian crossing might be required; trail along golf course in minimal; alignment thru Port and Staff Jennings sites needed.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	567,000	567,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	567,000	567,000

**Project Costs**

Planning	0	0	0	0	0	0	10,000	10,000
Design/ProjMgmt	0	0	0	0	0	0	145,000	145,000
Site Acquisition	0	0	0	0	0	0	2,000	2,000
Const/Equip	0	0	0	0	0	0	410,000	410,000
<b>Total Project Costs</b>	0	0	0	0	0	0	567,000	567,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Columbia Slough Natural Area Acquisition**

**Area:** N  
**Objective(s):** Expansion  
Efficiency

**Project Description**

Acquire additional natural area land at important natural resource sites along the Columbia Slough. Land acquisitions will focus on consolidation of existing public ownership, wetlands and water bodies, and buffers to the Columbia Slough.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	1,000,000	1,000,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,000,000	1,000,000

**Project Costs**

Design/ProjMgmt	0	0	0	0	0	0	100,000	100,000
Site Acquisition	0	0	0	0	0	0	900,000	900,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,000,000	1,000,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Columbia South Shore Trail Improvements**

**Area:** N  
Expansion

**Project Description**

NATURAL RESOURCES: Although PDC funding has been essential in this area, several properties were developed before trail requirements were enacted; PDC seeks to use funding on other projects; purchase easements & construct trail in areas where redevelopment is not likely; include Mink Oil, Thrifty Auto Rental, Goulinian, Donisanou, Spada, Mantou, cross levee at NE 143rd, equipment rental co, radio towers, etc. (need to budget remaining revenues for CSST).

**Funding Sources**

Intergovernmental	548,000	473,000	200,000	0	0	0	0	200,000
<b>Total Funding Sources</b>	548,000	473,000	200,000	0	0	0	0	200,000

**Project Costs**

Const/Equip	548,000	473,000	200,000	0	0	0	0	200,000
<b>Total Project Costs</b>	548,000	473,000	200,000	0	0	0	0	200,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan						
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
<b>East Buttes Acquisition</b>									
									<b>Area:</b> E
									Expansion
<b>Project Description</b>									
Acquire additional natural area land at important upland areas in Northeast and Southeast Portland. Land acquisitions will focus on consolidation of existing public ownership, protection of critical resource areas and linkages to streams and creeks at Rocky Butte, Kelly Butte, Powell Butte, Clatsop Butte and Mt. Scott.									
<b>Funding Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	1,000,000	1,000,000	
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,000,000	1,000,000	
<b>Project Costs</b>									
Design/ProjMgmt	0	0	0	0	0	0	100,000	100,000	
Site Acquisition	0	0	0	0	0	0	900,000	900,000	
<b>Total Project Costs</b>	0	0	0	0	0	0	1,000,000	1,000,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	
<b>Fanno &amp; Tryon Creek Natural Area Acquisitns</b>									
									<b>Area:</b> SW
									Expansion
<b>Project Description</b>									
Acquire additional natural area land in Fanno Creek and Tryon Creek watershed areas. Land acquisitions will focus on the following:									
<b>Funding Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	1,000,000	1,000,000	
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,000,000	1,000,000	
<b>Project Costs</b>									
Design/ProjMgmt	0	0	0	0	0	0	100,000	100,000	
Site Acquisition	0	0	0	0	0	0	900,000	900,000	
<b>Total Project Costs</b>	0	0	0	0	0	0	1,000,000	1,000,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	
<b>Fanno-Tryon Creek Restoration</b>									
									<b>Area:</b> SW
									<b>Objective(s):</b> Repair/Maint Replacement Efficiency
<b>Project Description</b>									
Remove invasive non-native plants (English ivy, English holly, and Himalayan blackberry) and replace with native plants (Woods Park, April Hill, Inner City, Arcon, Dickinson)									
<b>Funding Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	249,300	249,300	
<b>Total Funding Sources</b>	0	0	0	0	0	0	249,300	249,300	
<b>Project Costs</b>									
Const/Equip	0	0	0	0	0	0	249,300	249,300	
<b>Total Project Costs</b>	0	0	0	0	0	0	249,300	249,300	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Forest Park Acquisitions</b>								
							<b>Area:</b>	NW
								Expansion
<b>Project Description</b>								
Acquire additional natural area land in and near Forest Park. Land acquisitions will focus on target areas established by the Forest Park Natural Resources Management Plan adopted by the City in 1994. There are six target areas established by the Natural Resources Master Plan.								
<b>Funding Sources</b>								
General Obligation Bonds		0	0	0	0	0	1,000,000	1,000,000
<b>Total Funding Sources</b>		0	0	0	0	0	1,000,000	1,000,000
<b>Project Costs</b>								
Design/ProjMgmt		0	0	0	0	0	100,000	100,000
Site Acquisition		0	0	0	0	0	900,000	900,000
<b>Total Project Costs</b>		0	0	0	0	0	1,000,000	1,000,000
<b>Fund Level Costs</b>		0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>		0	0	0	0	0	0	0
<b>Forest Park Renovation &amp; Entrance at US30/Yeon</b>								
							<b>Area:</b>	NW
							<b>Objective(s):</b>	Repair/Maint Replacement Expansion Efficiency
<b>Project Description</b>								
Continue to implement the recommendations of the Forest Park Natural Resource Management Plan. Develop additional access points into Forest Park to relieve pressure on existing entries located in residential areas. Entrance facilities will be developed on land purchased by Metro and on adjacent property acquired by PP&R as part of this project. This project is included in the Forest Park Natural Resources Management Plan adopted by the City in 1994.								
<b>Funding Sources</b>								
General Obligation Bonds		0	0	0	0	0	2,786,000	2,786,000
<b>Total Funding Sources</b>		0	0	0	0	0	2,786,000	2,786,000
<b>Project Costs</b>								
Planning		0	0	0	0	0	260,000	260,000
Design/ProjMgmt		0	0	0	0	0	901,000	901,000
Site Acquisition		0	0	0	0	0	400,000	400,000
Const/Equip		0	0	0	0	0	1,225,000	1,225,000
<b>Total Project Costs</b>		0	0	0	0	0	2,786,000	2,786,000
<b>Fund Level Costs</b>		0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>		0	0	0	0	0	0	0
<b>Forty-Mile Loop Trail on Marine Drive</b>								
							<b>Area:</b>	E
							<b>Objective(s):</b>	Expansion Efficiency
<b>Project Description</b>								
Complete the off-street trail between I-205 and NE 122nd Avenue.								
<b>Funding Sources</b>								
General Obligation Bonds		0	0	0	0	0	441,300	441,300
<b>Total Funding Sources</b>		0	0	0	0	0	441,300	441,300
<b>Project Costs</b>								
Const/Equip		0	0	0	0	0	441,300	441,300
<b>Total Project Costs</b>		0	0	0	0	0	441,300	441,300
<b>Fund Level Costs</b>		0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>		0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Hoyt Arboretum Renovation									
									Area: NW
									Objective(s): Repair/Maint Replacement Efficiency
Project Description									
Complete ADA trail linkages between Arboretum facilities and restore plant collections in the area of these improved facilities. This project is the final phase of a 15-year effort to make Hoyt Arboretum as accessible as possible to all visitors. Proposed as a partnership project with the Hoyt Arboretum Friends Foundation.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	505,500	505,500
Total Funding Sources		0	0	0	0	0	0	505,500	505,500
Project Costs									
Planning		0	0	0	0	0	0	35,000	35,000
Design/ProjMgmt		0	0	0	0	0	0	170,000	170,000
Const/Equip		0	0	0	0	0	0	300,500	300,500
Total Project Costs		0	0	0	0	0	0	505,500	505,500
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Johnson Creek Habitat Restoration									
									Area: E
									Objective(s): Repair/Maint Replacement Efficiency
Project Description									
Restoration of parks, natural areas and openspaces within the Johnson Creek watershed.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	291,200	291,200
Total Funding Sources		0	0	0	0	0	0	291,200	291,200
Project Costs									
Planning		0	0	0	0	0	0	20,000	20,000
Design/ProjMgmt		0	0	0	0	0	0	70,000	70,000
Const/Equip		0	0	0	0	0	0	201,200	201,200
Total Project Costs		0	0	0	0	0	0	291,200	291,200
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Johnson Creek Natural Area Land Acquisition									
									Area: SE
									Expansion
Project Description									
Acquire additional natural area land in the Johnson Creek watershed. Land acquisitions will focus on additions of land near or adjacent to Johnson Creek, linkages between Johnson Creek and the Springwater Corridor, sub-basin areas such as Crystal Springs and Errol Heights and linkages to upland natural areas.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	1,000,000	1,000,000
Total Funding Sources		0	0	0	0	0	0	1,000,000	1,000,000
Project Costs									
Design/ProjMgmt		0	0	0	0	0	0	100,000	100,000
Const/Equip		0	0	0	0	0	0	900,000	900,000
Total Project Costs		0	0	0	0	0	0	1,000,000	1,000,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0

# Capital Improvement Plan — Parks, Recreation and Culture

## Bureau of Parks and Recreation

### PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Kenton Canoe Launch									
									Area: N
									Expansion
Project Description									
Develop a canoe launch on the Columbia Slough in the Kenton Neighborhood in North Portland. A potential site has been identified on the Slough at the north edge of the Kenton town center.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	1,175,300	1,175,300
Total Funding Sources		0	0	0	0	0	0	1,175,300	1,175,300
Project Costs									
Planning		0	0	0	0	0	0	175,000	175,000
Design/ProjMgmt		0	0	0	0	0	0	580,300	580,300
Const/Equip		0	0	0	0	0	0	420,000	420,000
Total Project Costs		0	0	0	0	0	0	1,175,300	1,175,300
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Marshall Pk Trail System Redevelpmt & Resource Restor									
									Area: SW
									Objective(s): Repair/Maint Replacement Efficiency
Project Description									
Remove Basketball court from riparian area. Realign and reconstruct trails to address erosion, protect natural resources, and improve trail conditions.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	685,000	685,000
Total Funding Sources		0	0	0	0	0	0	685,000	685,000
Project Costs									
Planning		0	0	0	0	0	0	15,000	15,000
Design/ProjMgmt		0	0	0	0	0	0	70,000	70,000
Const/Equip		0	0	0	0	0	0	600,000	600,000
Total Project Costs		0	0	0	0	0	0	685,000	685,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Natural Areas Restoration Project									
									Area: ALL
									Objective(s): Repair/Maint Efficiency
Project Description									
Restore natural resource functions and values in natural areas managed by PP&R's NR Program. Project will begin a long-term reinvestment in the health of natural resource sites and systems. Specific projects will follow-up on recommendations developed by Natural Resource Program staff working in collaboration with other City staff. Projects will typically be funded from multiple sources reflecting the multi-objective nature of the projects. Projects will include removal of invasive non-native species; planting native trees, shrubs, and groundcovers; streambank and riparian area stabilization and restoration; and adaptive follow-up care through the establishment and stabilization period. This important reinvestment is overdue and should be funded on an on-going basis.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	680,000	680,000
Total Funding Sources		0	0	0	0	0	0	680,000	680,000
Project Costs									
Const/Equip		0	0	0	0	0	0	680,000	680,000
Total Project Costs		0	0	0	0	0	0	680,000	680,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Natural Resources Field Office on Eastside									
	Area:							SE	
	Objective(s):							Expansion Efficiency	
Project Description									
Property at SE 86th Avenue and Foster is currently leased; location works well and substantial money could be saved through purchase.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	70,000	70,000	
Total Funding Sources	0	0	0	0	0	0	70,000	70,000	
Project Costs									
Site Acquisition	0	0	0	0	0	0	70,000	70,000	
Total Project Costs	0	0	0	0	0	0	70,000	70,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Natural Resources Field Office on Westside									
	Area:							W	
	Objective(s):							Expansion Efficiency	
Project Description									
The facilities at Hoyt Arboretum are in good condition. They house offices and maintenance equipment for both Hoyt Arboretum and Forest Park, serving as crew headquarters and supervisor's office. Space for expansion is limited and when the arboretum needs the entire space, Forest Park staff and equipment will need to be relocated.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	63,000	63,000	
Total Funding Sources	0	0	0	0	0	0	63,000	63,000	
Project Costs									
Planning	0	0	0	0	0	0	63,000	63,000	
Total Project Costs	0	0	0	0	0	0	63,000	63,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Oaks Bottom Habitat Restoration									
	Area:							SE	
	Objective(s):							Repair/Maint Replacement Efficiency	
Project Description									
This is the first or the ESA Demonstration projects to restore existing sites, to be implemented. The second recommended project is the Crystal Springs Assessment Studies.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	0	0	
Grants/Donations	0	0	0	100,000	0	0	0	100,000	
Bureau Revenues	0	21,000	0	25,000	0	0	0	25,000	
Total Funding Sources	0	21,000	0	125,000	0	0	0	125,000	
Project Costs									
Planning	0	21,000	0	0	0	0	0	0	
Design/ProjMgmt	0	0	0	25,000	0	0	0	25,000	
Const/Equip	0	0	0	100,000	0	0	0	100,000	
Total Project Costs	0	21,000	0	125,000	0	0	0	125,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
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**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Peninsula Crossing - North Portland Road									
									Area: N
									Expansion
Project Description									
To construct 2 miles of trail in partnership with Metro and TEA21.									
Funding Sources									
Intergovernmental	0	0	0	200,000	0	0	0	200,000	
Grants/Donations	0	0	0	200,000	0	0	0	200,000	
Total Funding Sources	0	0	0	400,000	0	0	0	400,000	
Project Costs									
Design/ProjMgmt	0	0	0	36,000	0	0	0	36,000	
Const/Equip	0	0	0	364,000	0	0	0	364,000	
Total Project Costs	0	0	0	400,000	0	0	0	400,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	27,200	27,200	27,200	27,200	108,800	
Powell Butte Improvements & Restoration									
									Area: E
									Objective(s): Repair/Maint Replacement
Project Description									
Improve and restore existing facilities and natural resources at 600 acre Powell Butte Nature Park in Southeast Portland. Major project elements were identified in the Powell Butte Master Plan accepted by City Council in 1996. This project is proposed as a PP&R partnership with the Water Bureau.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	100,000	100,000	
Bureau Revenues	50,000	0	0	0	0	0	0	0	
Total Funding Sources	50,000	0	0	0	0	0	100,000	100,000	
Project Costs									
Const/Equip	50,000	0	0	0	0	0	100,000	100,000	
Total Project Costs	50,000	0	0	0	0	0	100,000	100,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Red Electric Reconnaissance									
									Area: SW
									Expansion
Project Description									
This study will evaluate the Red Electric Line in southwest Portland. It will determine whether a multi-use trail could be constructed along this long abandoned rail alignment. The study will investigate topography, vegetation, development, land use/zoning and property ownership conditions and will propose conceptual design solutions to any constraints revealed in site investigation. Preliminary cost estimates for acquisition, design, and construction will be developed.									
Funding Sources									
Grants/Donations	0	0	130,000	0	0	0	0	130,000	
Fund Balance	0	0	20,000	0	0	0	0	20,000	
Total Funding Sources	0	0	150,000	0	0	0	0	150,000	
Project Costs									
Planning	0	0	150,000	0	0	0	0	150,000	
Total Project Costs	0	0	150,000	0	0	0	0	150,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	



# Capital Improvement Plan — Parks, Recreation and Culture

## Bureau of Parks and Recreation

### PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Salmon Safe Parks Upgrade</b>								
							<b>Area:</b>	ALL
								Mandated
<b>Project Description</b>								
Projects will be identified which will bring individual parks up to salmon-safe certification standards. Projects could include projects such as:								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	524,900	0	0	0	524,900
<b>Total Funding Sources</b>	0	0	0	524,900	0	0	0	524,900
<b>Project Costs</b>								
Const/Equip	0	0	0	524,900	0	0	0	524,900
<b>Total Project Costs</b>	0	0	0	524,900	0	0	0	524,900
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Smith Bybee Mini-Master Plan</b>								
							<b>Area:</b>	N
							<b>Objective(s):</b>	Expansion Efficiency
<b>Project Description</b>								
In partnership with Metro, develop a Master Plan for the Smith and Bybee Lakes Natural Area. The plan implementation may not occur within five years.								
<b>Funding Sources</b>								
Intergovernmental	0	0	0	15,000	0	0	0	15,000
<b>Total Funding Sources</b>	0	0	0	15,000	0	0	0	15,000
<b>Project Costs</b>								
Planning	0	0	0	15,000	0	0	0	15,000
<b>Total Project Costs</b>	0	0	0	15,000	0	0	0	15,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Springwater Corridor - Sellwood Gap</b>								
							<b>Area:</b>	SE
								Expansion
<b>Project Description</b>								
Funding has been secured for the three bridges' portion of the 1.2 mile gap between the existing Springwater Corridor trail and the forthcoming OMSI-to-Springwater which will end near the Sellwood Bridge. This leaves a gap from the west side of SE 17th Avenue (which will be crossed with aid of traffic signal) to the Sellwood Bridge area. Acquisition of property and any rail-with-trail rights on SE Grand and SE Ochoco is needed. Existing railroad tracks and utility poles may need relocation. The Portland Office of Transportation will also require a number of intersection improvements and sidewalk connections. Completing the trail with 12-14 wide a.c. and signage, fence, and retaining walls will mean that the Springwater Corridor finally extends over 19 miles from its historic origination point south of OMSI to Rugg Road without bypasses.								
<b>Funding Sources</b>								
Fund Balance	0	0	32,000	0	0	0	0	32,000
General Obligation Bonds	0	0	0	0	0	0	5,837,600	5,837,600
<b>Total Funding Sources</b>	0	0	32,000	0	0	0	5,837,600	5,869,600
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	200,000	200,000
Design/ProjMgmt	0	0	0	0	0	0	500,000	500,000
Site Acquisition	0	0	0	0	0	0	500,000	500,000
Const/Equip	0	0	32,000	0	0	0	4,637,600	4,669,600
<b>Total Project Costs</b>	0	0	32,000	0	0	0	5,837,600	5,869,600
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

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	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**Springwater Corridor - Three Bridges**

**Area:** SE  
Expansion

**Project Description**

There is a 1.2 mile gap in the Springwater Corridor in the Sellwood-Moreland area from SE McLoughlin to the Sellwood bridge area. Closing the gap will require a number of bridges to cross a major street, a railroad and Johnson Creek. This "missing link" would acquire and develop trail in the Springwater Corridor portion of the Forty Mile Loop. It would connect the first constructed segment (east of McLoughlin Blvd to Palmbad Road in Gresham) to the OMSI-Springwater segment that will soon be constructed along the Willamette River from the Museum to SE Umatilla Street. With the additional mile at east end (to Rugg Road) and opening of Eastbank Esplanade, this project would close the only gap in the Metropolitan region's longest trail. Expense to acquire the railroad right-of-way (with active rail transport at west end) and to bridge McLoughlin will be high but offer significant recreation and alternative transportation benefits. The project is of high importance to the Office of Transportation and Metro due to the potential for regional recreational use as well as bike commuting.

**Funding Sources**

Fund Balance	0	0	119,456	2,764	0	0	0	122,220
Grants/Donations	0	0	30,544	4,209,000	0	0	0	4,239,544
General Fund Discretionary	0	0	150,000	180,544	0	0	0	330,544
<b>Total Funding Sources</b>	0	0	300,000	4,392,308	0	0	0	4,692,308

**Project Costs**

Planning	0	0	58,000	0	0	0	0	58,000
Design/Proj/Mgmt	0	0	125,000	30,000	0	0	0	155,000
Site Acquisition	0	0	32,000	0	0	0	0	32,000
Const/Equip	0	0	85,000	4,362,308	0	0	0	4,447,308
<b>Total Project Costs</b>	0	0	300,000	4,392,308	0	0	0	4,692,308
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	120,300	120,300	240,600

**Springwater Corridor from Rugg Road to Boring**

**Area:** SE  
Expansion

**Project Description**

This project will provide design and construction for the east most three mile long section of the Springwater Corridor. Completion of this last section of trail becomes more important since development of the Boring to Estacada trail by Oregon State Parks is imminent. The completed trail system will connect the Eastbank Esplanade in Portland's city center to the communities of Milwaukie, Gresham, Boring and Estacada.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	76,200	76,200
Grants/Donations	0	0	0	0	600,000	0	0	600,000
<b>Total Funding Sources</b>	0	0	0	0	600,000	0	76,200	676,200

**Project Costs**

Planning	0	0	0	0	20,000	0	0	20,000
Design/Proj/Mgmt	0	0	0	0	65,000	0	0	65,000
Const/Equip	0	0	0	0	515,000	0	76,200	591,200
<b>Total Project Costs</b>	0	0	0	0	600,000	0	76,200	676,200
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

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	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Springwater Corridor Trailheads in Lents								
							Area:	SE
								Expansion
Project Description								
Partner with PDC to acquire land for two trailheads between 82nd Ave. and Foster. Construct parking lot and trailhead amenities such as seasonal restroom, trail sign, and bike racks. The only other trailheads developed along the Springwater Corridor are at SE 45th and Johnson Creek Boulevard in Portland and Hogan Road in Gresham.								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	300,400	300,400
Tax Increment Financing	0	0	0	0	0	0	230,600	230,600
Total Funding Sources	0	0	0	0	0	0	531,000	531,000
Project Costs								
Site Acquisition	0	0	0	0	0	0	300,400	300,400
Const/Equip	0	0	0	0	0	0	230,600	230,600
Total Project Costs	0	0	0	0	0	0	531,000	531,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	18,800	18,800	37,600
SW Trails in PPR Sites								
							Area:	SW
							Objective(s):	Repair/Maint Replacement Expansion Efficiency
Project Description								
Design and construct trails where appropriate in PP&R sites to help implement the SW Urban Trails Plan.								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	264,500	264,500
Total Funding Sources	0	0	0	0	0	0	264,500	264,500
Project Costs								
Const/Equip	0	0	0	0	0	0	264,500	264,500
Total Project Costs	0	0	0	0	0	0	264,500	264,500
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Whitaker Ponds Master Plan & Improvements								
							Area:	NE
							Objective(s):	Expansion Efficiency
Project Description								
A master plan is needed to guide development and land acquisition. Development could include a parking lot, canoe launch, and environmental educational center.								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	842,200	842,200
Total Funding Sources	0	0	0	0	0	0	842,200	842,200
Project Costs								
Planning	0	0	0	0	0	0	42,200	42,200
Const/Equip	0	0	0	0	0	0	800,000	800,000
Total Project Costs	0	0	0	0	0	0	842,200	842,200
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

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**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Willamette Greenway Improvements</b>								
							<b>Area:</b>	<b>N</b>
							<b>Objective(s):</b>	Expansion Efficiency
<b>Project Description</b>								
Improve conditions and connectivity of the Willamette Greenway trail. When OMSI-to-Springwater and North Macadam are completed, a greenway loop from Steel to Sellwood Bridge will be possible. Projects include easement acquisition, realignment and/or replacement of substandard sections of trail, and improvements to riparian vegetation.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,002,200	1,002,200
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,002,200	1,002,200
<b>Project Costs</b>								
Const/Equip	0	0	0	0	0	0	1,002,200	1,002,200
<b>Total Project Costs</b>	0	0	0	0	0	0	1,002,200	1,002,200
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Parks</b>								
<b>Albert Kelly Park Renovation</b>								
							<b>Area:</b>	<b>SW</b>
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Install new play equipment on newly renovated play surface. Build new paths to connect activity areas, install curb cuts; improve ADA access to sports field. Improve soccer fields and add irrigation. Replace/enhance play equipment.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	295,000	295,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	295,000	295,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	15,000	15,000
Design/ProjMgmt	0	0	0	0	0	0	30,000	30,000
Const/Equip	0	0	0	0	0	0	250,000	250,000
<b>Total Project Costs</b>	0	0	0	0	0	0	295,000	295,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Alberta Park Renovation</b>								
							<b>Area:</b>	<b>NE</b>
							<b>Objective(s):</b>	Repair/Maint Replacement
<b>Project Description</b>								
Install new play equipment and renovated play surface. Need ADA access. Resurface tennis courts. Either remove or remodel restrooms. Wading pool conversion.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	200,000	200,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	200,000	200,000
<b>Project Costs</b>								
Const/Equip	0	0	0	0	0	0	200,000	200,000
<b>Total Project Costs</b>	0	0	0	0	0	0	200,000	200,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

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		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Arbor Lodge Park Renovation									
									Area: N
									Objective(s): Repair/Maint Replacement Efficiency
Project Description									
Restroom #2 old - convert to other use; improve path surface. Lighting: c/ use additional lights along E/W path at S end of park. GOBI2: Expand play equipment									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	50,000	50,000
Total Funding Sources		0	0	0	0	0	0	50,000	50,000
Project Costs									
Const/Equip		0	0	0	0	0	0	50,000	50,000
Total Project Costs		0	0	0	0	0	0	50,000	50,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Cathedral Park Renovation									
									Area: N
									Objective(s): Repair/Maint Replacement Mandated Efficiency
Project Description									
Renovate sport fields, plaza, lighting, and stage. Needs buffer between riparian & active use areas. Restore riverbank and add water quality facility to parking lot. Improve pathways. Strengthen connection to the 40-mile loop.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	0	1,150,000	1,150,000
Total Funding Sources		0	0	0	0	0	0	1,150,000	1,150,000
Project Costs									
Planning		0	0	0	0	0	0	50,000	50,000
Design/ProjMgmt		0	0	0	0	0	0	100,000	100,000
Const/Equip		0	0	0	0	0	0	1,000,000	1,000,000
Total Project Costs		0	0	0	0	0	0	1,150,000	1,150,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Centennial Mill Property Development									
									Area: CC Expansion
Project Description									
Develop new park on the City's recently acquired Centennial Mill property in the River District. Need to acquire building + additional land which could be turned into community center.									
Funding Sources									
Tax Increment Financing		0	1,481,892	0	1,294,371	1,788,292	2,146,375	265,011	5,494,049
Total Funding Sources		0	1,481,892	0	1,294,371	1,788,292	2,146,375	265,011	5,494,049
Project Costs									
Planning		0	1,481,892	0	0	0	0	0	0
Design/ProjMgmt		0	0	0	1,294,371	1,788,292	2,146,375	265,011	5,494,049
Total Project Costs		0	1,481,892	0	1,294,371	1,788,292	2,146,375	265,011	5,494,049
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0

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	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Clatsop Butte LID for SE 152nd Ave</b>								
							<b>Area:</b>	SE
								Expansion
<b>Project Description</b>								
Parks' share of the street assessment in the Local Improvement District along SE 152nd Ave. is \$50,000. This is a requirement for park development at Hawthorne Ridge on Clatsop Butte.								
<b>Funding Sources</b>								
General Fund Discretionary	0	0	0	50,000	0	0	0	50,000
<b>Total Funding Sources</b>	0	0	0	50,000	0	0	0	50,000
<b>Project Costs</b>								
Total	0	0	0	50,000	0	0	0	50,000
<b>Total Project Costs</b>	0	0	0	50,000	0	0	0	50,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Columbia Park Expanded Development</b>								
							<b>Area:</b>	N
								Expansion
<b>Project Description</b>								
Add toddler play equipment, irrigation improvements, pave paths, resurface tennis court, renovate sport fields and open turf area, develop additional group picnic areas and assess shelter structure.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	805,000	805,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	805,000	805,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	5,000	5,000
Design/ProjMgmt	0	0	0	0	0	0	50,000	50,000
Const/Equip	0	0	0	0	0	0	750,000	750,000
<b>Total Project Costs</b>	0	0	0	0	0	0	805,000	805,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Couch Park Master Plan and Renovation</b>								
							<b>Area:</b>	NW
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Implement the improvements identified in the Master Plan. Improvements include:								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	601,000	601,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	601,000	601,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	5,000	5,000
Design/ProjMgmt	0	0	0	0	0	0	100,000	100,000
Const/Equip	0	0	0	0	0	0	496,000	496,000
<b>Total Project Costs</b>	0	0	0	0	0	0	601,000	601,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	13,000	13,000	26,000

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	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Council Crest Portable Restrooms</b>								
							<b>Area:</b>	SW
							<b>Objective(s):</b>	Repair/Maint Replacement Expansion Efficiency
<b>Project Description</b>								
Install a portable restroom enclosure and pad to provide attractive seasonal restrooms for park users. Previously existing year round restroom and storage buildings were removed several years ago. There are currently no sanitary sewer facilities available on site.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	66,000	66,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	66,000	66,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	2,500	2,500
Design/ProjMgmt	0	0	0	0	0	0	18,500	18,500
Const/Equip	0	0	0	0	0	0	45,000	45,000
<b>Total Project Costs</b>	0	0	0	0	0	0	66,000	66,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	1,200	1,200
<b>Creston Park Renovation</b>								
							<b>Area:</b>	SE
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Currently, there is inadequate parking and poor traffic circulation. Parking lot needs repaving to eliminate poor drainage. Replace concrete picnic table with wood, and consider building a picnic shelter. Need to increase swing clearances at playground. Renovate paths. Renovate tennis court, and improve both light spacing and plantings.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	870,000	870,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	870,000	870,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	20,000	20,000
Design/ProjMgmt	0	0	0	0	0	0	100,000	100,000
Const/Equip	0	0	0	0	0	0	750,000	750,000
<b>Total Project Costs</b>	0	0	0	0	0	0	870,000	870,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	19,000	19,000

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	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Delta Park East Renovation</b>								
							<b>Area:</b>	NE
							<b>Objective(s):</b>	Repair/Maint Replacement Expansion Efficiency
<b>Project Description</b>								
Install 3 new synthetic soccer fields with lighting. Improve parking and traffic control. Install fencing around entire park. Create paths and build bleachers for each of the synthetic soccer fields. Add security improvements.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	8,800,000	8,800,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	8,800,000	8,800,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	200,000	200,000
Design/ProjMgmt	0	0	0	0	0	0	1,000,000	1,000,000
Const/Equip	0	0	0	0	0	0	7,600,000	7,600,000
<b>Total Project Costs</b>	0	0	0	0	0	0	8,800,000	8,800,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Dickinson Park Development</b>								
							<b>Area:</b>	SW
								Expansion
<b>Project Description</b>								
Develop site into a neighborhood Park to include a playground, paths, landscaping, drinking fountain, and street improvements. Master plan approved by Council September 2001.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	850,000	850,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	850,000	850,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	5,000	5,000
Design/ProjMgmt	0	0	0	0	0	0	75,000	75,000
Const/Equip	0	0	0	0	0	0	770,000	770,000
<b>Total Project Costs</b>	0	0	0	0	0	0	850,000	850,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Dogs Off-Leash Areas (DOLAs)</b>								
							<b>Area:</b>	ALL
								Expansion
<b>Project Description</b>								
Designate 5 off-leash areas in various parts of the city where dogs can run free under the supervision of their human companions.								
<b>Funding Sources</b>								
General Obligation Bonds	0	50,000	0	0	0	0	1,750,000	1,750,000
<b>Total Funding Sources</b>	0	50,000	0	0	0	0	1,750,000	1,750,000
<b>Project Costs</b>								
Planning	0	50,000	0	0	0	0	50,000	50,000
Design/ProjMgmt	0	0	0	0	0	0	200,000	200,000
Const/Equip	0	0	0	0	0	0	1,500,000	1,500,000
<b>Total Project Costs</b>	0	50,000	0	0	0	0	1,750,000	1,750,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0



**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Duniway Park Renovation									
									Area: NW
									Objective(s): Repair/Maint Replacement Efficiency
Project Description									
Construct additional paths and renovate parking & plaza. Renovate turf inside track and sports fields area. Renovate rest rooms. Relocate lilac garden.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	585,000	585,000	
Total Funding Sources	0	0	0	0	0	0	585,000	585,000	
Project Costs									
Planning	0	0	0	0	0	0	20,000	20,000	
Design/ProjMgmt	0	0	0	0	0	0	65,000	65,000	
Const/Equip	0	0	0	0	0	0	500,000	500,000	
Total Project Costs	0	0	0	0	0	0	585,000	585,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Earl Boyles Park Master Plan and Development									
									Area: E
									Expansion
Project Description									
Need master plan to develop into neighborhood park. Hope to acquire part of the adjacent school property as well.									
Funding Sources									
Tax Increment Financing	0	31,000	0	0	0	300,000	0	300,000	
Total Funding Sources	0	31,000	0	0	0	300,000	0	300,000	
Project Costs									
Planning	0	31,000	0	0	0	0	0	0	
Const/Equip	0	0	0	0	0	300,000	0	300,000	
Total Project Costs	0	31,000	0	0	0	300,000	0	300,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Eastbank Esplanade Phase III									
									Area: SE
									Expansion
Project Description									
The Eastbank Esplanade is a multi-phase project to develop a park across the river from Tom McCall Waterfront Park. The first two phases, between the Steel Bridge and Hawthorne Bridge, were dedicated in 2001. This third section of the Eastbank Esplanade, called "The Crescent", is located between OMSI and the Hawthorne Bridge, from Water Avenue west to the Willamette River. Design work is in progress but construction will not start for at least 2-3 years. A number of features are being considered for "The Crescent", including a hard surface bike path, greenway trail, events space, outdoor play area, outdoor dining area, water feature(s), river access, and parking. The Crescent will provide a significant open space and serve as a gateway to the eastbank of the Willamette River.									
Funding Sources									
Tax Increment Financing	65,000	68,000	10,796	0	0	71,000	0	81,796	
Total Funding Sources	65,000	68,000	10,796	0	0	71,000	0	81,796	
Project Costs									
Planning	65,000	68,000	0	0	0	0	0	0	
Design/ProjMgmt	0	0	10,796	0	0	71,000	0	81,796	
Total Project Costs	65,000	68,000	10,796	0	0	71,000	0	81,796	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
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**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Eastridge Park Development</b>								
							<b>Area:</b>	SE
								Expansion
<b>Project Description</b>								
This is a 3.53 acre site to be developed into a neighborhood park.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	525,000	525,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	525,000	525,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	5,000	5,000
Design/ProjMgmt	0	0	0	0	0	0	50,000	50,000
Const/Equip	0	0	0	0	0	0	470,000	470,000
<b>Total Project Costs</b>	0	0	0	0	0	0	525,000	525,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Fernhill Park Renovation</b>								
							<b>Area:</b>	NE
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Need a master plan to guide park improvements and address the following: limited parking, restrooms, ADA improvements; playground equipment; improvements to irrigation, safer sport fields, paths and lighting improvements.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,066,000	1,066,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,066,000	1,066,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	25,000	25,000
Design/ProjMgmt	0	0	0	0	0	0	100,000	100,000
Const/Equip	0	0	0	0	0	0	941,000	941,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,066,000	1,066,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Forest Heights Park Master Plan &amp; Developmt</b>								
							<b>Area:</b>	NW
								Expansion
<b>Project Description</b>								
Need master plan. Develop into neighborhood park with playground, picnic tables, benches and drinking fountain. Site is 2.93 Acres								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	350,000	0	0	0	195,000	545,000
<b>Total Funding Sources</b>	0	0	350,000	0	0	0	195,000	545,000
<b>Project Costs</b>								
Planning	0	0	25,000	0	0	0	0	25,000
Design/ProjMgmt	0	0	50,000	0	0	0	0	50,000
Const/Equip	0	0	275,000	0	0	0	195,000	470,000
<b>Total Project Costs</b>	0	0	350,000	0	0	0	195,000	545,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
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**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Fulton Park Renovation</b>								
							<b>Area:</b>	SW
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Forest restoration. Fix drainage on parking lot and sports court. Some old play equipment has lead based paint; improve ADA to playground. Grade and redesign playground, level basketball court. Needs better access to Community Garden.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	500,000	500,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	500,000	500,000
<b>Project Costs</b>								
Const/Equip	0	0	0	0	0	0	500,000	500,000
<b>Total Project Costs</b>	0	0	0	0	0	0	500,000	500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Gabriel Park Renovation &amp; Natural Area Restoratn</b>								
							<b>Area:</b>	SW
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
A Master Plan is needed to guide future park improvement. Current issues that need to be addressed include the need for a picnic shelter, play structure for older kids, baseball fields and a dog off-leash area. Renovation needs include the basketball court, paving, irrigation, and roads.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	1,400,000	1,400,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,400,000	1,400,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	50,000	50,000
Design/ProjMgmt	0	0	0	0	0	0	150,000	150,000
Const/Equip	0	0	0	0	0	0	1,200,000	1,200,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,400,000	1,400,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Gateway Urban Renewal Area Parks Acquisitn</b>								
							<b>Area:</b>	E
								Expansion
<b>Project Description</b>								
The 592 acres that comprise Gateway URD does not include one park. Gateway consists of uninviting roadways bordered by commercial strip development, Mall 205, the Adventist hospital campus and the I-205 freeway. Established residential neighborhoods like Hazelwood sit to the West and more affordable housing is beginning to mushroom. Park land needs to be acquired to serve this growing population.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	3,508,000	3,508,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	3,508,000	3,508,000
<b>Project Costs</b>								
Site Acquisition	0	0	0	0	0	0	3,508,000	3,508,000
<b>Total Project Costs</b>	0	0	0	0	0	0	3,508,000	3,508,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

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**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Gateway Urban Renewal District Planning</b>								
							<b>Area:</b>	<b>E</b>
								Expansion
<b>Project Description</b>								
Portland Development Commission (PDC) is the lead agency responsible for the management, budgeting, and implementation of this project. PDC has contracted with PPR to assist with the park acquisition, planning and design projects included in the Gateway Urban Renewal Area.								
<b>Funding Sources</b>								
Tax Increment Financing	25,000	0	3,777	0	0	0	0	3,777
<b>Total Funding Sources</b>	<b>25,000</b>	<b>0</b>	<b>3,777</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,777</b>
<b>Project Costs</b>								
Planning	25,000	0	3,777	0	0	0	0	3,777
<b>Total Project Costs</b>	<b>25,000</b>	<b>0</b>	<b>3,777</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,777</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Glenhsven Park Renovation</b>								
							<b>Area:</b>	<b>NE</b>
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Proposed improvements include the following: parking lot, tennis courts, playground equipment, sports fields turf, and entrance to the park. Addition of a bioswale to help improve drainage and reduce stormwater runoff. Hard surface jogging path around perimeter of park, and lighting are also needed. Park was scheduled for irrigation system installation through the 1994 G.O. bond program, but lack of funding resulted in incomplete project.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	360,000	360,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>360,000</b>	<b>360,000</b>
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	10,000	10,000
Design/ProjMgmt	0	0	0	0	0	0	50,000	50,000
Const/Equip	0	0	0	0	0	0	300,000	300,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>360,000</b>	<b>360,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,000</b>	<b>8,000</b>
<b>Green Thumb Site Planning &amp; Development</b>								
							<b>Area:</b>	<b>SE</b>
							<b>Objective(s):</b>	Expansion Efficiency
<b>Project Description</b>								
Plan how to develop the existing Portland Public School Green Thumb site as a regional Horticultural Education Center. The 7.86 site is to be acquired by PP&R as part of the land for dollars trade. Following public outreach on programming and site design, PP&R Community Garden program headquarters can be relocated to the site. PP&R, PPS, community and horticultural groups would offer horticultural education at a demonstration gardens, display orchard and community tree nursery.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	300,000	300,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	150,000	150,000
Design/ProjMgmt	0	0	0	0	0	0	150,000	150,000
Const/Equip	0	0	0	0	0	0	0	0
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Parks, Recreation and Culture

## Bureau of Parks and Recreation

### PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
International Rose Test Garden Renovation									
									Area: SW
									Repair/Maint
Project Description									
Improve access, improve path surface and install curb cuts. Improve kiosk, provide handrails to stairs; improve lighting. Convert restrooms. Resurface sidewalks. Gold Medal fountain needs major renovation. Gift shop needs expansion. Build food concession.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	570,000	570,000	
Total Funding Sources		0	0	0	0	0	570,000	570,000	
Project Costs									
Planning		0	0	0	0	0	20,000	20,000	
Design/ProjMgmt		0	0	0	0	0	50,000	50,000	
Const/Equip		0	0	0	0	0	500,000	500,000	
Total Project Costs		0	0	0	0	0	570,000	570,000	
Fund Level Costs		0	0	0	0	0	0	0	
Oper & Maint Costs		0	0	0	0	0	0	0	
Interstate Urban Renewal Area (North) Planning									
									Area: N
									Expansion
Project Description									
PDC is the lead agency responsible for the management, budgeting, and implementation of this project. The objective is "to assist in the revitalization of the Interstate Corridor in a manner that primarily benefits existing area residents and businesses." PDC has contracted with PPR to assist with the planning and design elements of the work plan for the North Interstate Urban Renewal Area. Community meetings to assess parks in the Urban Renewal area will take place in late 2001 and early 2002.									
Funding Sources									
Tax Increment Financing		0	60,000	3,777	76,000	280,000	280,000	280,000	919,777
Total Funding Sources		0	60,000	3,777	76,000	280,000	280,000	280,000	919,777
Project Costs									
Planning		0	60,000	3,777	76,000	280,000	280,000	280,000	919,777
Total Project Costs		0	60,000	3,777	76,000	280,000	280,000	280,000	919,777
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Interstate Urban Renewal Park Acquisition									
									Area: N
									Expansion
Project Description									
A proposed Tri-met light rail line with 5 rail stops will run along N. Interstate Blvd, changing the character of the surrounding area dramatically. An assessment of existing parks within a quarter mile radius of each stop revealed park deficiencies. These deficiencies will become more severe as the area develops to its projected residential and employment build out. It is critical to plan ahead, acquire property while prices are lower, and develop park sites with urban renewal funds, as they become available.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	3,508,000	3,508,000	
Total Funding Sources		0	0	0	0	0	3,508,000	3,508,000	
Project Costs									
Site Acquisition		0	0	0	0	0	3,508,000	3,508,000	
Total Project Costs		0	0	0	0	0	3,508,000	3,508,000	
Fund Level Costs		0	0	0	0	0	0	0	
Oper & Maint Costs		0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
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**PROJECT DETAIL**

	Revised		Adopted		Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Kelley Point Park Master Plan & Renovation									
	Area:							N	
	Objective(s):							Repair/Maint Replacement Expansion Efficiency	
Project Description									
Develop & implement a Master Plan that addresses the following park needs: complete trail system, Lewis & Clark interpretation, riverbank stabilization and restoration, nearby canoe launch to the Slough, increased forest understory diversity, parking lot & driveway repair, access control, potential observation tower, improved security and an additional group picnic area.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	1,245,000	1,245,000	
Total Funding Sources	0	0	0	0	0	0	1,245,000	1,245,000	
Project Costs									
Planning	0	0	0	0	0	0	150,000	150,000	
Design/ProjMgmt	0	0	0	0	0	0	180,000	180,000	
Const/Equip	0	0	0	0	0	0	915,000	915,000	
Total Project Costs	0	0	0	0	0	0	1,245,000	1,245,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Knott Park Renovation									
	Area:							E	
	Objective(s):							Repair/Maint Replacement Expansion Efficiency	
Project Description									
Replace the lighting system. Increase restroom units. Improve irrigation. Resurface asphalt paths. Correct hazardous sports field conditions. Construct spray pool or multi-age playground.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	400,000	400,000	
Total Funding Sources	0	0	0	0	0	0	400,000	400,000	
Project Costs									
Const/Equip	0	0	0	0	0	0	400,000	400,000	
Total Project Costs	0	0	0	0	0	0	400,000	400,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Lents Park Renovation									
	Area:							SE	
	Objective(s):							Repair/Maint Replacement Efficiency	
Project Description									
Add parking along Steele St. & paths on South side. Correct hazardous field conditions. Need irrigation at bandstand & replace well casing. Improve path surface. Replace ballfield lights to include electrical service and conduit.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	500,000	500,000	
Total Funding Sources	0	0	0	0	0	0	500,000	500,000	
Project Costs									
Planning	0	0	0	0	0	0	10,000	10,000	
Design/ProjMgmt	0	0	0	0	0	0	90,000	90,000	
Const/Equip	0	0	0	0	0	0	400,000	400,000	
Total Project Costs	0	0	0	0	0	0	500,000	500,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

# Capital Improvement Plan — Parks, Recreation and Culture

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### PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Lents Park Sidewalk Improvement									
							Area:	SE	
								Expansion	
Project Description									
To install 1900 LF of sidewalk at Lents Park, as a requirement by OPDR in granting a Conditional Use Permit for improvements made to the soccer fields in 1997. The requirement is that we complete the sidewalk by July 2002.									
Funding Sources									
General Fund Discretionary		0	0	0	0	0	100,000	100,000	
Total Funding Sources		0	0	0	0	0	100,000	100,000	
Project Costs									
Planning		0	0	0	0	0	10,000	10,000	
Design/ProjMgmt		0	0	0	0	0	15,000	15,000	
Const/Equip		0	0	0	0	0	75,000	75,000	
Total Project Costs		0	0	0	0	0	100,000	100,000	
Fund Level Costs		0	0	0	0	0	0	0	
Oper & Maint Costs		0	0	0	0	0	1,900	1,900	
Lents Town Center Urban Renewal									
							Area:	SE	
								Expansion	
Project Description									
PDC is the lead agency responsible for the management, budgeting, and implementation of this project. PDC has contracted with PPR to assist with the planning and design for parks improvements within the Lents Town Center URA., including Raymond, Earl Boyles, and Lents parks.									
Funding Sources									
Tax Increment Financing		0	1,490,000	24,152	2,150,000	1,240,000	1,040,000	790,000	5,244,152
Total Funding Sources		0	1,490,000	24,152	2,150,000	1,240,000	1,040,000	790,000	5,244,152
Project Costs									
Planning		0	1,490,000	24,152	2,150,000	1,240,000	1,040,000	790,000	5,244,152
Total Project Costs		0	1,490,000	24,152	2,150,000	1,240,000	1,040,000	790,000	5,244,152
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Lents URD Parks Acquisition									
							Area:	E	
								Expansion	
Project Description									
Acquisition of Neighborhood Park sites in the Lents Area.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	1,463,000	1,463,000	
Total Funding Sources		0	0	0	0	0	1,463,000	1,463,000	
Project Costs									
Site Acquisition		0	0	0	0	0	1,463,000	1,463,000	
Total Project Costs		0	0	0	0	0	1,463,000	1,463,000	
Fund Level Costs		0	0	0	0	0	0	0	
Oper & Maint Costs		0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Lloyd District Urban Renewal Area</b>								
							<b>Area:</b>	NE
								Expansion
<b>Project Description</b>								
PDC is the lead agency responsible for the management, budgeting, and implementation of this project. PDC has contracted with PPR to assist with the planning and design for parks improvements within the Lloyd District Target Area.								
<b>Funding Sources</b>								
Tax Increment Financing	0	5,000	0	10,000	20,000	40,000	40,000	110,000
<b>Total Funding Sources</b>	0	5,000	0	10,000	20,000	40,000	40,000	110,000
<b>Project Costs</b>								
Planning	0	5,000	0	10,000	20,000	40,000	40,000	110,000
<b>Total Project Costs</b>	0	5,000	0	10,000	20,000	40,000	40,000	110,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Lynchwood Park Master Plan &amp; Developmt</b>								
							<b>Area:</b>	E
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Need Master Plan to develop into neighborhood park to include paths, picnic area, benches, lighting, play field, relocate trees, plant new trees, & add landscaping								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	690,000	690,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	690,000	690,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	25,000	25,000
Design/ProjMgmt	0	0	0	0	0	0	65,000	65,000
Const/Equip	0	0	0	0	0	0	600,000	600,000
<b>Total Project Costs</b>	0	0	0	0	0	0	690,000	690,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>McCormick Pier</b>								
							<b>Area:</b>	CC
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Repair the boardwalk section of the Willamette Greenway in front of the Naito owned McCormick Pier property.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	75,000	75,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	75,000	75,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	5,000	5,000
Design/ProjMgmt	0	0	0	0	0	0	20,000	20,000
Const/Equip	0	0	0	0	0	0	50,000	50,000
<b>Total Project Costs</b>	0	0	0	0	0	0	75,000	75,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0



# Capital Improvement Plan — Parks, Recreation and Culture

## Bureau of Parks and Recreation

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Mt. Scott Park Renovation								
	Area:							SE
	Objective(s):							Repair/Maint Replacement Efficiency
Project Description								
Replace volleyball standards in park. Complete irrigation of park. Develop additional parking area. Complete landscaping/shrub beds around community center.								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	200,000	200,000
Total Funding Sources	0	0	0	0	0	0	200,000	200,000
Project Costs								
Const/Equip	0	0	0	0	0	0	200,000	200,000
Total Project Costs	0	0	0	0	0	0	200,000	200,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Nehalem Park Master Plan and Development								
	Area:							SE
								Expansion
Project Description								
Need a master plan to develop into neighborhood park. Need to remove building (asbestos contaminated).								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	570,000	570,000
Total Funding Sources	0	0	0	0	0	0	570,000	570,000
Project Costs								
Planning	0	0	0	0	0	0	20,000	20,000
Design/ProjMgmt	0	0	0	0	0	0	50,000	50,000
Const/Equip	0	0	0	0	0	0	500,000	500,000
Total Project Costs	0	0	0	0	0	0	570,000	570,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
North Macadam Greenway/Riverfront								
	Area:							SW
	Objective(s):							Expansion Efficiency
Project Description								
Working with PDC, Portland Parks is responsible for managing design and development of the three parks and the greenway proposed as part of the North Macadam Urban Renewal District along the Willamette River. Special improvements along the 1.2 mile stretch of the Willamette Greenway will include a paved trail, seating, lighting, directional and informational signage, rest stops, viewpoints, extensive plantings of native vegetation and interpretation of cultural, historic, and wildlife habitat landscape features. This is a PDC-initiated and funded project. A community-based planning effort will guide the design process.								
Funding Sources								
Tax Increment Financing	45,000	105,460	36,863	123,754	533,082	533,386	107,917	1,335,002
Total Funding Sources	45,000	105,460	36,863	123,754	533,082	533,386	107,917	1,335,002
Project Costs								
Planning	45,000	105,460	36,863	123,754	533,082	533,386	107,917	1,335,002
Total Project Costs	45,000	105,460	36,863	123,754	533,082	533,386	107,917	1,335,002
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total

**O Bryant Square Master Plan & Renovation**

**Area:** CC

**Objective(s):** Repair/Maint  
Replacement  
Expansion  
Efficiency

**Project Description**

Planning and design for the renovation of O'Bryant Square will be completed as part of the South Park Block 5 design process. O'Bryant Square suffers from vandalism and dated design. In preparation for the planning phase, a study of use patterns is underway. Major public safety challenges are to address lighting, wall, vegetation, infrastructure and irrigation. Also, programming for improved safety.

**Funding Sources**

Intergovernmental	0	210,065	200,000	12,708	0	0	0	212,708
Others Financing	0	0	0	0	0	0	1,000,000	1,000,000
<b>Total Funding Sources</b>	<b>0</b>	<b>210,065</b>	<b>200,000</b>	<b>12,708</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>1,212,708</b>

**Project Costs**

Planning	0	210,065	200,000	12,708	0	0	0	212,708
Const/Equip	0	0	0	0	0	0	1,000,000	1,000,000
<b>Total Project Costs</b>	<b>0</b>	<b>210,065</b>	<b>200,000</b>	<b>12,708</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>1,212,708</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**One Man Total Surveying Station**

**Area:** ALL

**Objective(s):** Replacement  
Efficiency

**Project Description**

The existing equipment is a ten years old hand-me-down from the Water Bureau. Much of the twenty-five year old technology on which the current system relies is no longer available. The new equipment allows a single person (instead of two) to survey sites at a substantial cost savings. The more accurate, efficient system will allow quick utility locates, better as-built updates, and faster resolution of boundary disputes.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	40,000	40,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,000</b>	<b>40,000</b>

**Project Costs**

Const/Equip	0	0	0	0	0	0	40,000	40,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,000</b>	<b>40,000</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Park Block 5 / Mid-Town Blocks**

**Area:** CC

Expansion

**Project Description**

Develop a master plan for the development of Park Block 5, which is already owned, and other potential blocks to fill the gap between the North and South Park Blocks.

**Funding Sources**

Tax Increment Financing	50,000	806,787	33,988	780,331	694,183	50,292	15,959	1,574,753
<b>Total Funding Sources</b>	<b>50,000</b>	<b>806,787</b>	<b>33,988</b>	<b>780,331</b>	<b>694,183</b>	<b>50,292</b>	<b>15,959</b>	<b>1,574,753</b>

**Project Costs**

Planning	50,000	806,787	0	0	0	0	0	0
Const/Equip	0	0	33,988	780,331	694,183	50,292	15,959	1,574,753
<b>Total Project Costs</b>	<b>50,000</b>	<b>806,787</b>	<b>33,988</b>	<b>780,331</b>	<b>694,183</b>	<b>50,292</b>	<b>15,959</b>	<b>1,574,753</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Parks, Recreation and Culture

## Bureau of Parks and Recreation

### PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Parks Compost/Transfer Site Development									
									Area: ALL
									Objective(s): Expansion Efficiency
Project Description									
Locate numerous transfer and composting sites throughout the City. Many of the sites already exist in a rough form, but will need hard surfaces and runoff-containment to process and store vegetation waste and the refined end products, i.e. mulch, compost, bark, woody soft-surface playground and trail chips, etc.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	455,000	455,000	
Total Funding Sources	0	0	0	0	0	0	455,000	455,000	
Project Costs									
Planning	0	0	0	0	0	0	5,000	5,000	
Design/Proj/Mgmt	0	0	0	0	0	0	50,000	50,000	
Site Acquisition	0	0	0	0	0	0	200,000	200,000	
Const/Equip	0	0	0	0	0	0	200,000	200,000	
Total Project Costs	0	0	0	0	0	0	455,000	455,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Parks Drinking Fountains Replacement									
									Area: ALL
									Replacement
Project Description									
To test water from drinking fountains at our parks and facilities. Replace drinking fountains that produce unsafe water for the public and our employees.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	200,000	200,000	
Total Funding Sources	0	0	0	0	0	0	200,000	200,000	
Project Costs									
Const/Equip	0	0	0	0	0	0	200,000	200,000	
Total Project Costs	0	0	0	0	0	0	200,000	200,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Parks Geographic Information System Enhance									
									Area: ALL
									Objective(s): Repair/Maint Replacement Expansion Efficiency
Project Description									
This project upgrades the Bureau's Geographic Information System capabilities. This critical, long-delayed project will integrate existing CAD and paper maps with electronic relational databases (such as the Park Inventory) into an on-line, graphical database with advanced search, display, and print capabilities. It will integrate with "Parkfinder" information and search tools based on existing "Mapworks" application. This would bring PPR into compliance with the Corporate GIS Business Plan and the IT Plan. The system would be compatible with and integrated with City-wide GIS to enable staff in other City bureaus such as PDOT, BES, Water, and OPDR to access park information.									
Funding Sources									
General Fund Discretionary	0	155,000	123,000	0	0	0	0	123,000	
Total Funding Sources	0	155,000	123,000	0	0	0	0	123,000	
Project Costs									
Design/Proj/Mgmt	0	5,000	5,000	0	0	0	0	5,000	
Const/Equip	0	150,000	118,000	0	0	0	0	118,000	
Total Project Costs	0	155,000	123,000	0	0	0	0	123,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	67,900	67,900	67,900	67,900	271,600	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**Parks Play Structures and Playground Renovation**

**Area:** ALL

**Objective(s):** Repair/Maint  
Replacement

**Project Description**

There are almost 100 play structures in the PP&R park system. Prior to, and during the Bond Initiative, PP&R replaced old play structures at parks. This proposal is to continue and expand the program that was started. The plan is to renovate/replace old play structures and wood in ground structures, as well as add proper soft surface as cushion.

**Funding Sources**

General Fund Discretionary	0	0	0	150,000	200,000	200,000	100,000	650,000
General Obligation Bonds	0	0	0	0	0	0	0	0
Others Financing	0	0	100,000	0	0	0	0	100,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>150,000</b>	<b>200,000</b>	<b>200,000</b>	<b>100,000</b>	<b>750,000</b>

**Project Costs**

Planning	0	0	20,000	22,000	25,000	18,000	22,000	107,000
Design/ProjMgmt	0	0	40,000	45,000	50,000	35,000	45,000	215,000
Const/Equip	0	0	40,000	83,000	125,000	147,000	33,000	428,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>150,000</b>	<b>200,000</b>	<b>200,000</b>	<b>100,000</b>	<b>750,000</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	6,000	9,750	14,130	16,900	46,780
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**Pier Park Renovation**

**Area:** N

**Objective(s):** Repair/Maint  
Replacement  
Efficiency

**Project Description**

Replace entire irrigation system, renovate playground, improve water feature, install concrete pad for concession, replace ballfield lights, renovate shelter, improve paths; lights at picnic areas, restroom renovations, renovate sport fields, add a group picnic area.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	1,680,000	1,680,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,680,000</b>	<b>1,680,000</b>

**Project Costs**

Planning	0	0	0	0	0	0	80,000	80,000
Design/ProjMgmt	0	0	0	0	0	0	200,000	200,000
Const/Equip	0	0	0	0	0	0	1,400,000	1,400,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,680,000</b>	<b>1,680,000</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

**Pittock Mansion Road and Culvert Repair**

**Area:** NW

**Objective(s):** Repair/Maint  
Replacement

**Project Description**

The main entry road to Pittock Mansion is developing sections of sunken grade and is in danger of sliding downhill. Timely repairs to stabilize the road base and underlying materials will reduce erosion and minimize cost. Need to remove existing road surface, excavate to stable substrate, add engineered fill, and repave as necessary.

**Funding Sources**

General Fund Discretionary	0	26,000	0	220,000	199,000	0	0	419,000
<b>Total Funding Sources</b>	0	26,000	0	220,000	199,000	0	0	419,000

**Project Costs**

Planning	0	26,000	0	0	0	0	0	0
Design/ProjMgmt	0	0	0	50,000	0	0	0	50,000
Const/Equip	0	0	0	170,000	199,000	0	0	369,000
<b>Total Project Costs</b>	0	26,000	0	220,000	199,000	0	0	419,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Powell Park Renovation**

**Area:** SE

**Objective(s):** Repair/Maint  
Replacement  
Efficiency

**Project Description**

Improve drainage and surface at sports court; improve path surface.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	545,000	545,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	545,000	545,000

**Project Costs**

Planning	0	0	0	0	0	0	10,000	10,000
Design/ProjMgmt	0	0	0	0	0	0	65,000	65,000
Const/Equip	0	0	0	0	0	0	470,000	470,000
<b>Total Project Costs</b>	0	0	0	0	0	0	545,000	545,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Prescott Park Development**

**Area:** E

Expansion

**Project Description**

Master plan is completed. Need to develop this 1.08 acre site into a park. The site, once Sennis Dairy, had been abandoned for many years. Gasoline in the soil had prevented redevelopment.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	50,000	50,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	50,000	50,000

**Project Costs**

Const/Equip	0	0	0	0	0	0	50,000	50,000
<b>Total Project Costs</b>	0	0	0	0	0	0	50,000	50,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Raymond Park Master Plan & Development									
									Area: SE
									Objective(s): Mandated Expansion
Project Description									
A Master Plan for Raymond Park has been completed. Development of this new neighborhood park is scheduled for completion in 2002. This is the first of the Lents Urban Renewal District (URD) parks to receive improvements as part of the URD.									
Funding Sources									
Tax Increment Financing	50,000	0	0	385,000	0	0	0	385,000	
Total Funding Sources	50,000	0	0	385,000	0	0	0	385,000	
Project Costs									
Planning	50,000	0	0	0	0	0	0	0	
Const/Equip	0	0	0	385,000	0	0	0	385,000	
Total Project Costs	50,000	0	0	385,000	0	0	0	385,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Richmond Property Development									
									Area: SE
									Expansion
Project Description									
Develop a new mini-neighborhood park at this site. Park is .30 acres.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	570,000	570,000	
Total Funding Sources	0	0	0	0	0	0	570,000	570,000	
Project Costs									
Planning	0	0	0	0	0	0	20,000	20,000	
Design/ProjMgmt	0	0	0	0	0	0	50,000	50,000	
Const/Equip	0	0	0	0	0	0	500,000	500,000	
Total Project Costs	0	0	0	0	0	0	570,000	570,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
River District Neighborhood Park									
									Area: CC
									Expansion
Project Description									
Three parks are envisioned in this joint Parks and PDC project, two park blocks and one neighborhood park in the River District. Parks has responsibility for planning, acquisition, and development of the River District parks. Jamison Square, the southernmost park block, is scheduled for completion early Spring 2002. In 2002, planning will begin for the second park block presently called River District North Plaza, as well as initial planning related to the Neighborhood Park.									
Funding Sources									
Tax Increment Financing	0	0	26,434	50,000	350,000	0	0	426,434	
Total Funding Sources	0	0	26,434	50,000	350,000	0	0	426,434	
Project Costs									
Planning	0	0	26,434	50,000	350,000	0	0	426,434	
Total Project Costs	0	0	26,434	50,000	350,000	0	0	426,434	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Sewallcrest Park Renovation</b>								
							<b>Area:</b>	SE
							<b>Objective(s):</b>	Replacement Expansion Efficiency
<b>Project Description</b>								
Need ADA curb cut north part of the park.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	200,000	200,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	200,000	200,000
<b>Project Costs</b>								
Const/Equip	0	0	0	0	0	0	200,000	200,000
<b>Total Project Costs</b>	0	0	0	0	0	0	200,000	200,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Skate Park at Old Town</b>								
							<b>Area:</b>	CC
								Expansion
<b>Project Description</b>								
Primary features are: Skatepark bowl, plaza, concession area, restrooms, maintenance storage, stormwater facility.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	535,000	535,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	535,000	535,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	25,000	25,000
Design/ProjMgmt	0	0	0	0	0	0	60,000	60,000
Const/Equip	0	0	0	0	0	0	450,000	450,000
<b>Total Project Costs</b>	0	0	0	0	0	0	535,000	535,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Skateboard Parks</b>								
							<b>Area:</b>	ALL
								Expansion
<b>Project Description</b>								
Proposal to build two skateboard parks in the city - location undetermined.								
<b>Funding Sources</b>								
Others Financing	0	0	0	0	250,000	250,000	0	500,000
<b>Total Funding Sources</b>	0	0	0	0	250,000	250,000	0	500,000
<b>Project Costs</b>								
Planning	0	0	0	0	10,000	10,000	0	20,000
Design/ProjMgmt	0	0	0	0	25,000	25,000	0	50,000
Const/Equip	0	0	0	0	215,000	215,000	0	430,000
<b>Total Project Costs</b>	0	0	0	0	250,000	250,000	0	500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	6,500	13,000	19,500

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
South Waterfront Greenway Development								
Area:								CC Expansion
Project Description								
PDC is the lead agency responsible for the management, budgeting, and implementation of this project. The objective is to construct the final phase of Waterfront Park at RiverPlace from SW Montgomery Street to Marquam Bridge.								
Funding Sources								
Tax Increment Financing	0	140,363	0	1,094,213	5,070	0	0	1,099,283
Total Funding Sources	0	140,363	0	1,094,213	5,070	0	0	1,099,283
Project Costs								
Planning	0	140,363	0	1,094,213	5,070	0	0	1,099,283
Total Project Costs	0	140,363	0	1,094,213	5,070	0	0	1,099,283
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Sports Fields Development								
Area:								N Expansion
Project Description								
Convert natural turf in selected parks to artificial. Capital costs for artificial turf are high, but maintenance costs are lower.								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	3,650,000	3,650,000
Total Funding Sources	0	0	0	0	0	0	3,650,000	3,650,000
Project Costs								
Planning	0	0	0	0	0	0	200,000	200,000
Design/ProjMgmt	0	0	0	0	0	0	350,000	350,000
Const/Equip	0	0	0	0	0	0	3,100,000	3,100,000
Total Project Costs	0	0	0	0	0	0	3,650,000	3,650,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Spring Garden Park Master Plan & Developmt								
Area:								SW Expansion
Project Description								
PP&R is currently working with the community to develop a Functional Plan for this park site. A Citizens Advisory Committee has been appointed, newsletters and surveys distributed, and a community gathering has been held in the park. Work will continue through the end of 2001. Currently undergoing master plan to develop a neighborhood park. 4.65 Ac								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	675,000	675,000
Total Funding Sources	0	0	0	0	0	0	675,000	675,000
Project Costs								
Planning	0	0	0	0	0	0	5,000	5,000
Design/ProjMgmt	0	0	0	0	0	0	70,000	70,000
Const/Equip	0	0	0	0	0	0	600,000	600,000
Total Project Costs	0	0	0	0	0	0	675,000	675,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0



**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Tanner Creek Park Development								
							Area:	CC
								Expansion
Project Description								
PDC is the lead agency responsible for the management, budgeting, and implementation of this project. The objective is for staff and consultants to undertake Tanner Creek Park and water feature project planning, design, and construction of the first two park squares.								
Funding Sources								
Tax Increment Financing	0	2,169,081	0	10,761	1,518,084	1,504,241	2,178,434	5,211,520
Total Funding Sources	0	2,169,081	0	10,761	1,518,084	1,504,241	2,178,434	5,211,520
Project Costs								
Planning	0	2,169,081	0	10,761	0	0	0	10,761
Const/Equip	0	0	0	0	1,518,084	1,504,241	2,178,434	5,200,759
Total Project Costs	0	2,169,081	0	10,761	1,518,084	1,504,241	2,178,434	5,211,520
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Terrace Trails Park Development								
							Area:	SE
								Expansion
Project Description								
Develop property into a neighborhood park with playground, paths, playfield, picnic areas, benches & landscaping.								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	795,000	795,000
Total Funding Sources	0	0	0	0	0	0	795,000	795,000
Project Costs								
Planning	0	0	0	0	0	0	25,000	25,000
Design/ProjMgmt	0	0	0	0	0	0	70,000	70,000
Const/Equip	0	0	0	0	0	0	700,000	700,000
Total Project Costs	0	0	0	0	0	0	795,000	795,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Wallace Park Renovation								
							Area:	NW
							Objective(s):	Repair/Maint Replacement Efficiency
Project Description								
Fix uneven surfaces of sport fields; install concrete pad for concession. Improvements to irrigation and lighting. Remove existing wading pool and replace with a spray feature.								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	730,000	730,000
Total Funding Sources	0	0	0	0	0	0	730,000	730,000
Project Costs								
Planning	0	0	0	0	0	0	10,000	10,000
Design/ProjMgmt	0	0	0	0	0	0	70,000	70,000
Const/Equip	0	0	0	0	0	0	650,000	650,000
Total Project Costs	0	0	0	0	0	0	730,000	730,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Washington Park Master Plan and Renovation								
							Area:	SW
							Objective(s):	Repair/Maint Replacement Mandated Efficiency
Project Description								
Complete master plan renovations such as improving accessibility to the Rose Garden, playground improvements, new sidewalks, road bed reconstruction, signage, restroom renovation and new use for the old maintenance building.								
Funding Sources								
General Obligation Bonds	0	0	0	0	0	0	350,000	350,000
Total Funding Sources	0	0	0	0	0	0	350,000	350,000
Project Costs								
Planning	0	0	0	0	0	0	150,000	150,000
Design/ProjMgmt	0	0	0	0	0	0	200,000	200,000
Total Project Costs	0	0	0	0	0	0	350,000	350,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Waterfront Park Master Plan								
							Area:	CC
							Objective(s):	Repair/Maint Replacement Expansion Efficiency
Project Description								
Over the last decade, the number of festivals and events held in Waterfront Park has grown, requests for non-park uses have increased, and park improvements have been made incrementally. Work is now underway to develop a Waterfront Park Master Plan that will guide future development and management decisions. A Citizens Advisory Committee is steering the planning process, and the initial newsletter and survey have been widely distributed. The first of three public meetings is scheduled in October. The goal is to create a vibrant urban waterfront that can be enjoyed year round. Once completed, funds are available to implement the first phase of the plan.								
Funding Sources								
Bureau Revenues	0	202,000	0	200,000	0	0	0	200,000
Total Funding Sources	0	202,000	0	200,000	0	0	0	200,000
Project Costs								
Const/Equip	0	202,000	0	200,000	0	0	0	200,000
Total Project Costs	0	202,000	0	200,000	0	0	0	200,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Waterfront Park Redevelopment								
							Area:	CC
							Objective(s):	Repair/Maint Replacement Expansion
Project Description								
Infrastructure development in downtown Waterfront Park.								
Funding Sources								
Tax Increment Financing	0	34,534	0	18,333	249,679	200,508	216,248	684,768
Total Funding Sources	0	34,534	0	18,333	249,679	200,508	216,248	684,768
Project Costs								
Planning	0	34,534	0	18,333	0	0	0	18,333
Design/ProjMgmt	0	0	0	0	49,679	0	0	49,679
Const/Equip	0	0	0	0	200,000	200,508	216,248	616,756
Total Project Costs	0	34,534	0	18,333	249,679	200,508	216,248	684,768
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
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**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**Westmoreland Park - Crystal Springs Restoration**

**Area:** SE

**Objective(s):** Repair/Maint  
Replacement  
Mandated

**Project Description**

As part of the Army Corp funding process a feasibility study of the proposed riparian enhancements to Crystal Springs in Westmoreland Park was prepared. The study revealed that existing culverts down stream from the park presented barriers to passage of juvenile salmonoid. The Corp proposed that the replacement of these culverts be included in the stream enhancement project. This work is being planned in conjunction with PDOT and BES. We are working with the City ESA team to refine the improvements to the stream.

**Funding Sources**

Others Financing	0	0	13,203	0	0	0	0	13,203
Grants/Donations	0	0	126,797	432,150	0	0	0	558,947
General Fund Discretionary	221,000	121,000	157,000	0	0	0	0	157,000
<b>Total Funding Sources</b>	<b>221,000</b>	<b>121,000</b>	<b>297,000</b>	<b>432,150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>729,150</b>

**Project Costs**

Planning	221,000	121,000	92,500	0	0	0	0	92,500
Design/ProjMgmt	0	0	104,500	20,500	0	0	0	125,000
Const/Equip	0	0	100,000	411,650	0	0	0	511,650
<b>Total Project Costs</b>	<b>221,000</b>	<b>121,000</b>	<b>297,000</b>	<b>432,150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>729,150</b>

**Fund Level Costs**

0	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

0	0	0	32,600	32,600	32,600	32,600	130,400
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**Westmoreland Park Master Plan & Redevelopmt**

**Area:** SE

**Objective(s):** Repair/Maint  
Replacement  
Efficiency

**Project Description**

Implement the Master Plan. Improvements include path surface; replacing lead paint play equipment and ballfield lights. Channel water flow in the stream and restore riparian area.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	500,000	500,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>

**Project Costs**

Planning	0	0	0	0	0	0	35,000	35,000
Design/ProjMgmt	0	0	0	0	0	0	65,000	65,000
Site Acquisition	0	0	0	0	0	0	400,000	400,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>

**Fund Level Costs**

0	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

0	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Parks, Recreation and Culture**  
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**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Wilkes Park Development</b>								
							<b>Area:</b>	NE
							<b>Objective(s):</b>	Mandated Expansion
<b>Project Description</b>								
A master plan for Wilkes Park was completed with wide community support. This 1.5 acre project would allow us to develop a small neighborhood park in a neighborhood that is underserved. We have \$59,000 which is the remainder of the amount City Council had set aside for purchase of the land to match the \$59,000 grant from the Oregon Department of Parks and Recreation. This would allow PP&R to do minimal improvements in FY02-03. The remaining development is recommended with funds from the next Bond Initiative.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	220,000	220,000
Grants/Donations	0	0	0	59,000	0	0	0	59,000
Others Financing	0	0	0	59,000	0	0	0	59,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>118,000</b>	<b>0</b>	<b>0</b>	<b>220,000</b>	<b>338,000</b>
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	5,000	5,000
Design/ProjMgmt	0	0	0	18,000	0	0	20,000	38,000
Const/Equip	0	0	0	100,000	0	0	195,000	295,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>118,000</b>	<b>0</b>	<b>0</b>	<b>220,000</b>	<b>338,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,500</b>	<b>12,000</b>	<b>12,000</b>	<b>12,000</b>	<b>57,500</b>

**Portland International Raceway**

**P.I.R. Bridge #1**

**Area:** N  
**Objective(s):** Expansion Efficiency

**Project Description**

Build a 2-way vehicular bridge at the west end of PIR with a free span of approximately 75 feet.

**Funding Sources**

Service Charges and Fees	0	0	0	0	0	0	1,000,000	1,000,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>1,000,000</b>

**Project Costs**

Const/Equip	0	0	0	0	0	0	1,000,000	1,000,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>1,000,000</b>

<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**P.I.R. Bridge #2**

**Area:** N  
**Objective(s):** Expansion Efficiency

**Project Description**

Build a 75' span pedestrian bridge between turns #3 and #4.

**Funding Sources**

Service Charges and Fees	0	0	0	0	0	0	250,000	250,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>

**Project Costs**

Const/Equip	0	0	0	0	0	0	250,000	250,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>

<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Parks, Recreation and Culture**  
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**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
P.I.R. Cart Paddock								
							Area:	N
								Repair/Maint
Project Description								
Expand and repair CART paddock, pave or repave interior roads and paths. We need to continue "building" the raceway, improving the facility to keep pace with the industry. This paving will have little impact as the roads average 20' wide and the paddock paving is mostly repairs.								
Funding Sources								
Service Charges and Fees	0	0	0	0	0	0	250,000	250,000
Total Funding Sources	0	0	0	0	0	0	250,000	250,000
Project Costs								
Const/Equip	0	0	0	0	0	0	250,000	250,000
Total Project Costs	0	0	0	0	0	0	250,000	250,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
P.I.R. Eastbank Terracing								
							Area:	N
							Objective(s):	Replacement Expansion Efficiency
Project Description								
Terrace the east bank for more organized seating. Add shallow concrete walls with grass seating to maximize use.								
Funding Sources								
Service Charges and Fees	0	0	0	0	0	0	275,000	275,000
Total Funding Sources	0	0	0	0	0	0	275,000	275,000
Project Costs								
Const/Equip	0	0	0	0	0	0	275,000	275,000
Total Project Costs	0	0	0	0	0	0	275,000	275,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
P.I.R. Garages								
							Area:	N
								Expansion
Project Description								
Construct garages and pit side suites. This construction helps keep pace with other facilities, increasing both event and non-event bottom lines.								
Funding Sources								
Service Charges and Fees	0	0	0	0	0	0	1,000,000	1,000,000
Total Funding Sources	0	0	0	0	0	0	1,000,000	1,000,000
Project Costs								
Const/Equip	0	0	0	0	0	0	1,000,000	1,000,000
Total Project Costs	0	0	0	0	0	0	1,000,000	1,000,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
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**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total

**P.I.R. Hot pits**

**Area:** N

**Objective(s):** Replacement  
Expansion  
Efficiency

**Project Description**

The asphalt in hot pits will be replaced with concrete because the air jacks used by Indy cars make dents in the asphalt when it is hot creating unsafe conditions. Other improvements to keep the facility competitive, include moving the pit wall back 15 feet, changing the water delivery, and replacing fencing with pullout posts.

**Funding Sources**

Service Charges and Fees	0	0	0	0	0	0	250,000	250,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	250,000	250,000

**Project Costs**

Const/Equip	0	0	0	0	0	0	250,000	250,000
<b>Total Project Costs</b>	0	0	0	0	0	0	250,000	250,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**P.I.R. Irrigation**

**Area:** N

**Objective(s):** Repair/Maint  
Expansion  
Efficiency

**Project Description**

Install an irrigation system in the Chalet area, west, and east end of track. This includes installing well at west end and regrading/reseeding area between track and guardrail and around Chalet. Entire cost is shown for FY 04-05 but would be phased. Maintenance cost reduction of \$15,000 and additional revenue of \$30,000 would also be phased in.

**Funding Sources**

Service Charges and Fees	0	0	0	0	0	0	400,000	400,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	400,000	400,000

**Project Costs**

Const/Equip	0	0	0	0	0	0	400,000	400,000
<b>Total Project Costs</b>	0	0	0	0	0	0	400,000	400,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**P.I.R. Media Center**

**Area:** N

**Objective(s):** Expansion  
Efficiency

**Project Description**

Improve PIR Media Center.

**Funding Sources**

Service Charges and Fees	0	0	0	0	0	0	150,000	150,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	150,000	150,000

**Project Costs**

Const/Equip	0	0	0	0	0	0	150,000	150,000
<b>Total Project Costs</b>	0	0	0	0	0	0	150,000	150,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					5-Year Total
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	
P.I.R. Repaving								
							Area:	N
							Objective(s):	Repair/Maint Expansion
Project Description								
Funding Sources								
Service Charges and Fees	0	0	0	0	0	0	750,000	750,000
Total Funding Sources	0	0	0	0	0	0	750,000	750,000
Project Costs								
Const/Equip	0	0	0	0	0	0	750,000	750,000
Total Project Costs	0	0	0	0	0	0	750,000	750,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
P.I.R. Restrooms #2-4								
							Area:	N
							Objective(s):	Expansion Efficiency
Project Description								
Funding Sources								
Service Charges and Fees	0	0	0	0	0	0	500,000	500,000
Total Funding Sources	0	0	0	0	0	0	500,000	500,000
Project Costs								
Const/Equip	0	0	0	0	0	0	500,000	500,000
Total Project Costs	0	0	0	0	0	0	500,000	500,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
P.I.R. Shops								
							Area:	N
								Expansion
Project Description								
Funding Sources								
Service Charges and Fees	0	0	0	0	0	0	500,000	500,000
Total Funding Sources	0	0	0	0	0	0	500,000	500,000
Project Costs								
Const/Equip	0	0	0	0	0	0	500,000	500,000
Total Project Costs	0	0	0	0	0	0	500,000	500,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**P.I.R. Water Quality Swales and Filters**

**Area:** N

**Objective(s):** Mandated  
Expansion

**Project Description**

**Funding Sources**

Service Charges and Fees	0	0	0	0	0	0	176,000	176,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	176,000	176,000

**Project Costs**

Const/Equip	0	0	0	0	0	0	176,000	176,000
<b>Total Project Costs</b>	0	0	0	0	0	0	176,000	176,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Urban Forestry**

**Botanic Gardens Development**

**Area:** ALL

**Objective(s):** Expansion  
Efficiency

**Project Description**

Develop additional botanic gardens, preferably on the east side of the City.

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	3,000,000	3,000,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	3,000,000	3,000,000

**Project Costs**

Const/Equip	0	0	0	0	0	0	3,000,000	3,000,000
<b>Total Project Costs</b>	0	0	0	0	0	0	3,000,000	3,000,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Columbia Childrens Arboretum Master Plan & Develop**

**Area:** NE

Expansion

**Project Description**

Develop a master plan and determine the use of this 28 acre site. This site can accommodate a variety of program needs such as a community garden, a children's golf course, a botanic garden. A trail connection to the Columbia Slough is desirable. Some trees are in bad condition - remove those damaged in storm

**Funding Sources**

General Obligation Bonds	0	0	0	0	0	0	500,000	500,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	500,000	500,000

**Project Costs**

Const/Equip	0	0	0	0	0	0	500,000	500,000
<b>Total Project Costs</b>	0	0	0	0	0	0	500,000	500,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan						
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
<b>Community Gardens Center Development</b>									
									<b>Area:</b> ALL
									Expansion
<b>Project Description</b>									
Could be part of Regional Horticultural Education Center (see project by that name).									
<b>Funding Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	570,000	570,000	
<b>Total Funding Sources</b>	0	0	0	0	0	0	570,000	570,000	
<b>Project Costs</b>									
Planning	0	0	0	0	0	0	20,000	20,000	
Design/ProjMgmt	0	0	0	0	0	0	50,000	50,000	
Const/Equip	0	0	0	0	0	0	500,000	500,000	
<b>Total Project Costs</b>	0	0	0	0	0	0	570,000	570,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	
<b>Community Gardens Master Plan &amp; Developmt</b>									
									<b>Area:</b> ALL
									<b>Objective(s):</b> Mandated
									Expansion
									Efficiency
<b>Project Description</b>									
The Master Plan would identify improvements to existing sites as well as identify expansion needs in response to neighborhood plans. Develop five new Community Gardens to provide 125 garden new plots.									
<b>Funding Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	425,000	425,000	
<b>Total Funding Sources</b>	0	0	0	0	0	0	425,000	425,000	
<b>Project Costs</b>									
Planning	0	0	0	0	0	0	50,000	50,000	
Const/Equip	0	0	0	0	0	0	375,000	375,000	
<b>Total Project Costs</b>	0	0	0	0	0	0	425,000	425,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	
<b>Community Gardens Upgrade</b>									
									<b>Area:</b> ALL
									<b>Objective(s):</b> Repair/Maint
									Replacement
									Efficiency
<b>Project Description</b>									
Small scale upgrades to existing Community Gardens. Several of the older Gardens do not have features that are now considered to be essential elements of our community gardens such as storage sheds and raised beds. These need to be retrofitted. PP&R manages 25 community garden sites, many are missing essential elements such as sheds and raised beds and some are in disrepair.									
<b>Funding Sources</b>									
General Obligation Bonds	0	0	0	0	0	0	100,000	100,000	
<b>Total Funding Sources</b>	0	0	0	0	0	0	100,000	100,000	
<b>Project Costs</b>									
Const/Equip	0	0	0	0	0	0	100,000	100,000	
<b>Total Project Costs</b>	0	0	0	0	0	0	100,000	100,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Forest Canopy Inventory, Assessment & Repair									
									Area: ALL
									Objective(s): Repair/Maint Efficiency
Project Description									
Inventory and evaluate tree infrastructure for health and safety. reduce risk of catastrophic tree failure and create a safer environment for users of parks and neighboring area. Large, mature trees in our park system have lost major branches and some whole trees have failed.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	500,000	500,000	
Total Funding Sources		0	0	0	0	0	500,000	500,000	
Project Costs									
Const/Equip		0	0	0	0	0	500,000	500,000	
Total Project Costs		0	0	0	0	0	500,000	500,000	
Fund Level Costs		0	0	0	0	0	0	0	
Oper & Maint Costs		0	0	0	0	0	0	0	
Forestry HQ Facilities Plan and Replacement									
									Area: NE
									Objective(s): Repair/Maint Replacement Mandated Efficiency
Project Description									
The Urban Forestry Headquarters is now located in a converted house and barn, providing inadequate and substandard space for administration, crew offices and equipment storage (ex: trucks and cherry pickers.) Both buildings are considered marginal due to numerous environmental hazards, including asbestos, buried fuel tanks, lead paint, and fertilizer storage. Basic structures may be inadequate and all need to be brought up to code for seismic and wind loading. This project will determine whether to renovate, rebuild or relocate the facilities.									
Funding Sources									
General Fund Discretionary		0	112,500	0	0	1,018,000	1,242,000	383,000	2,643,000
Total Funding Sources		0	112,500	0	0	1,018,000	1,242,000	383,000	2,643,000
Project Costs									
Planning		0	112,500	0	0	0	0	0	0
Design/ProjMgmt		0	0	0	0	200,000	255,000	50,000	505,000
Const/Equip		0	0	0	0	818,000	987,000	333,000	2,138,000
Total Project Costs		0	112,500	0	0	1,018,000	1,242,000	383,000	2,643,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	102,200	102,200	102,200	102,200	408,800
Horticultural Services Equipment Replacement									
									Area: ALL
									Objective(s): Replacement Expansion Efficiency
Project Description									
PDC is the lead agency responsible for the management, budgeting, and implementation of this project. The objective is for staff and consultants to undertake Tanner Creek Park and water feature project planning, design, and construction of the first two park squares.									
Funding Sources									
General Obligation Bonds		0	0	0	0	0	140,000	140,000	
Total Funding Sources		0	0	0	0	0	140,000	140,000	
Project Costs									
Const/Equip		0	0	0	0	0	140,000	140,000	
Total Project Costs		0	0	0	0	0	140,000	140,000	
Fund Level Costs		0	0	0	0	0	0	0	
Oper & Maint Costs		0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Horticultural Services Production Facility Refurb									
	Area:							ALL	
	Objective(s):							Repair/Maint Replacement Efficiency	
Project Description									
This facility was built in the 1920's and has problems delivering the needed water capacity, especially after 1 p.m. when all water is diverted to wash racks. This project includes 5 components: 1. Lath House Rebuild and Renovation 2. Nursery Irrigation System Automation. 3. Container Yard Irrigation System Renovation and Expansion 4. Greenhouse Production Area Irrigation Renovation. 5. Automated Pest Control System.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	140,000	140,000	
Total Funding Sources	0	0	0	0	0	0	140,000	140,000	
Project Costs									
Const/Equip	0	0	0	0	0	0	140,000	140,000	
Total Project Costs	0	0	0	0	0	0	140,000	140,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Parks Tree Assessment and Remediation									
	Area:							ALL	
	Objective(s):							Repair/Maint Replacement Mandated Efficiency	
Project Description									
Reduce risk of catastrophic tree failure and create a safer environment for users of parks and neighboring area. Large, mature trees in our park system have lost major branches and some whole trees have failed. The intent is to replicate the successful trees assessment work which was done through the Bond Initiative in the Plaza Blocks. The project will include a visual hazard assessment. After initial evaluation of the trees structural integrity, review the assessment report, do follow up inspection, then an in depth evaluation of the trees including increment borings and aerial inspection of the canopies for decay and other defects. Remedial actions may include pruning for weight reduction, bracing and cabling, and as a final option, tree removal.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	200,000	200,000	
General Fund Discretionary	0	0	0	50,000	75,000	75,000	100,000	300,000	
Total Funding Sources	0	0	0	50,000	75,000	75,000	300,000	500,000	
Project Costs									
Design/ProjMgmt	0	0	0	5,000	8,000	8,000	40,000	61,000	
Const/Equip	0	0	0	45,000	67,000	67,000	260,000	439,000	
Total Project Costs	0	0	0	50,000	75,000	75,000	300,000	500,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	3,000	3,600	4,200	4,800	15,600	
Pittock Mansion & Acres Restoration of Public View									
	Area:							NW	
	Objective(s):							Repair/Maint Efficiency	
Project Description									
Recondition trees to clear and re-establish views for public. Manage canopy to provide framed views as opposed to clear-cut views.									
Funding Sources									
General Obligation Bonds	0	0	0	0	0	0	65,000	65,000	
Total Funding Sources	0	0	0	0	0	0	65,000	65,000	
Project Costs									
Const/Equip	0	0	0	0	0	0	65,000	65,000	
Total Project Costs	0	0	0	0	0	0	65,000	65,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Parks, Recreation and Culture**  
**Bureau of Parks and Recreation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Public View Restoration Citywide</b>								
							<b>Area:</b>	ALL
							<b>Objective(s):</b>	Repair/Maint Replacement Efficiency
<b>Project Description</b>								
Recondition trees to clear and re-establish views for public. Manage canopy to provide framed views as opposed to clear-cut views.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	300,000	300,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	300,000	300,000
<b>Project Costs</b>								
Const/Equip	0	0	0	0	0	0	300,000	300,000
<b>Total Project Costs</b>	0	0	0	0	0	0	300,000	300,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Satellite Community Nurseries Acquisitn &amp; Devlpmt</b>								
							<b>Area:</b>	ALL
							<b>Objective(s):</b>	Replacement Expansion Efficiency
<b>Project Description</b>								
Urban Forestry is looking to acquire an additional three sites for future nurseries. These additional sites will allow us to continue supplying trees for replacement in parkland. Four parcels of land, approximately 1 acre in size or larger, will need to be purchased/secured for the development of community tree nurseries. These satellite community nurseries are needed for educational opportunities as well as for supplying needed trees to the community and parks.								
<b>Funding Sources</b>								
General Obligation Bonds	0	0	0	0	0	0	2,133,000	2,133,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	2,133,000	2,133,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	2,000,000	2,000,000
Design/ProjMgmt	0	0	0	0	0	0	100,000	100,000
Site Acquisition	0	0	0	0	0	0	33,000	33,000
<b>Total Project Costs</b>	0	0	0	0	0	0	2,133,000	2,133,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Parks, Recreation and Culture

## Spectator Facilities

PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

### Memorial Coliseum

#### Memorial Coliseum Maintenance/Repair

Area: NE  
Repair/Maint

#### Project Description

Major maintenance improvements and repair for the Memorial Coliseum.

#### Funding Sources

Bureau Revenues	294,022	1,015,456	500,000	100,000	100,000	100,000	100,000	900,000
<b>Total Funding Sources</b>	<b>294,022</b>	<b>1,015,456</b>	<b>500,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>900,000</b>

#### Project Costs

Const/Equip	294,022	1,015,456	500,000	100,000	100,000	100,000	100,000	900,000
<b>Total Project Costs</b>	<b>294,022</b>	<b>1,015,456</b>	<b>500,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>900,000</b>

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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### PGE Park

#### PGE Park

Area: SW  
Repair/Maint

#### Project Description

Redevelopment of Civic Stadium.

#### Funding Sources

Others Financing	33,935,084	604,425	0	0	0	0	0	0
Fund Balance	2,074,075	0	0	0	0	0	0	0
Bureau Revenues	0	651,612	150,000	300,000	100,000	100,000	100,000	750,000
<b>Total Funding Sources</b>	<b>36,009,160</b>	<b>1,256,037</b>	<b>150,000</b>	<b>300,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>750,000</b>

#### Project Costs

Planning	521,199	0	0	0	0	0	0	0
Design/ProjMgmt	2,514,430	0	0	0	0	0	0	0
Const/Equip	32,973,531	1,256,037	150,000	300,000	100,000	100,000	100,000	750,000
<b>Total Project Costs</b>	<b>36,009,160</b>	<b>1,256,037</b>	<b>150,000</b>	<b>300,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>750,000</b>

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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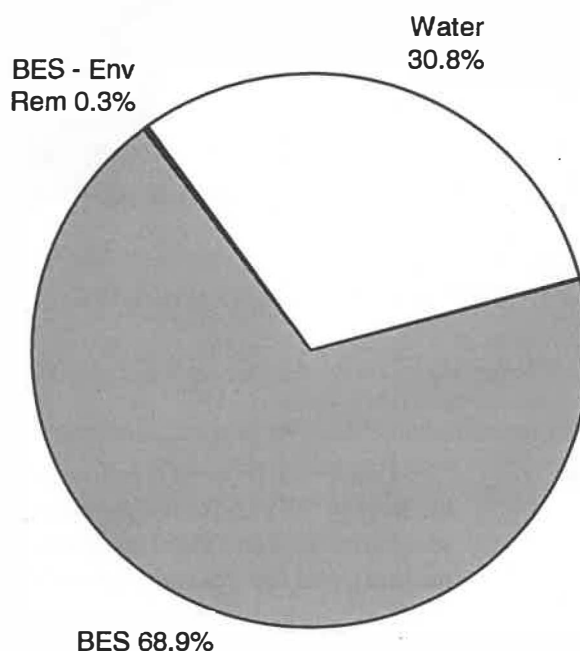
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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# Public Utilities

## SERVICE AREA OVERVIEW

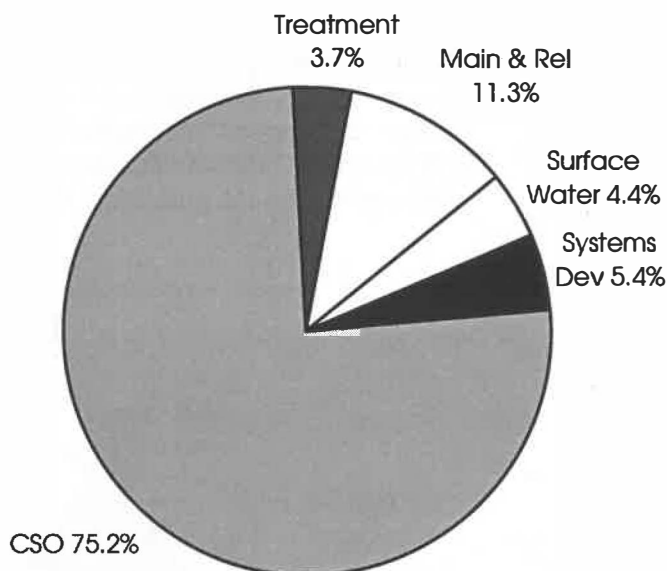
The Public Utilities service area capital budget is about \$134.6 million in FY 2002-03, or 66.6 percent of the total City CIP. The service area consists of the Bureau of Environmental Services (BES), which represents 68.9 percent of the service area's capital budget, the Environmental Remediation Fund of BES, which is 0.3 percent of the service area's capital budget, and the Bureau of Water Works, which comprises the remaining 30.8 percent.



## BUREAU OF ENVIRONMENTAL SERVICES

The bureau's FY 2002-03 capital budget totals about \$92.8 million, and the five-year CIP totals approximately \$442.1 million. The projects are budgeted in five programs: Combined Sewer Overflow, Maintenance and Reliability, Sewage

## Treatment Systems, Surface Water Management, and Systems Development.

**Combined Sewer Overflow**

The Combined Sewer Overflow (CSO) program totals about \$69.8 million, or 75.2% of the bureau's FY 2002-03 capital budget. The largest projects are the Westside Tunnel and Pump Station (\$52.3 million), the Tanner Creek Basin Stream Diversion (\$8.7 million), and the Eastside Tunnel (\$2.7 million).

**Maintenance and Reliability**

Projects aimed at maintaining and improving the existing sewer system total approximately \$10.5 million in FY 2002-03. About \$2.4 million is budgeted for Taggart "B, C, & D" Relief and Reconstruction, about \$1.5 million is budgeted for the Insley/Taggart "A" Relief and Reconstruction, and \$1.0 million is budgeted for capital maintenance projects.

**Sewage Treatment Systems**

This program maintains and improves two sewage treatment plants and 100 pump stations that serve more than 128,000 residential accounts and 12,000 commercial accounts in Portland. The FY 2002-03 capital budget is approximately \$3.4 million, with \$800,000 for repair, rehabilitation, and modifications at the Columbia Boulevard Wastewater Treatment Plant sewage treatment facilities, \$1.2 million for the Pump Station Improvement program, and \$1.2 million for other treatment facilities' rehabilitation and modification.



<b>Surface Water Management</b>	<p>The Surface Water Management program funds projects to correct water quality and stream hydrology problems. The FY 2002-03 capital budget totals nearly \$4.1 million. The Lents Crossing project is budgeted at nearly \$1.7 million, Columbia Slough Infrastructure at \$586,000, and Fanno Creek Water Quality Improvements at \$198,000. The remaining projects are spread across the city.</p>
<b>Systems Development</b>	<p>This program provides for expansion of the sewage collection system. The FY 2002-03 budget for this program is nearly \$5.0 million. The major projects include the South Airport Sanitary Trunk Sewer (\$4.0 million), the Commercial/Industrial Sanitary Sewer Extension Program (\$422,000), and permit projects (\$400,000).</p>
<b>Sources of Capital Funding</b>	<p>The Bureau of Environmental Services' funding sources for capital projects include fees, charges and permits, line and branch charges, cash transfers from the Sewer System Operating Fund, bond proceeds, investment income, and fund balances.</p> <p><b>Fees, Charges, and Permits</b></p> <p>These include reimbursements for engineering, administration, and construction management services which are charged for permit sewer construction.</p> <p><b>Line and Branch Charges</b></p> <p>Charges in lieu of assessments are found in this category. They represent cost recovery for collection system sewers, including the portion of the collector sewer that extends to the property line (house branch). Line and branch charges are received in the form of cash along with special assessment bond proceeds from property owners who elect to finance their line and branch charges.</p> <p><b>Cash Transfers from the Sewer System Operating Fund</b></p> <p>Current sewer system net income from service fees and charges also funds capital outlays. The availability of current income to fund capital expenditures is the result of meeting debt service coverage requirements on outstanding bonds. For planning purposes, the bureau maintains a 1.45 debt service coverage ratio and an ongoing reserve of 10 percent of operating expenses for unforeseen financial needs. After debt service payments, funds in excess of those required for the 10 percent operating reserve are available to fund capital improvements.</p> <p><b>Bond Proceeds</b></p> <p>Proceeds from the sale of Sewer System revenue bonds are the largest source of revenue for capital projects. In general, debt service requirements for future bond sales have been calculated assuming level debt service (principal and interest payments payable semi-annually on July 1st and January 1st).</p> <p><b>Investment Income</b></p> <p>Investment or interest income is earned on all sewer system funds and is used to help offset future borrowing requirements.</p>

### **Beginning Fund Balance**

Another source of working capital for the CIP is the balance within the sewer system funds forecast to be available at the beginning of each fiscal year. The Sewer System Operating Fund maintains an ongoing reserve of 10 percent of operating expenses for unforeseen financial needs. Beginning fund balances in excess of this amount are made available to fund capital improvements. Beginning fund balances in the Construction Fund are also available to fund the bureau's CIP.

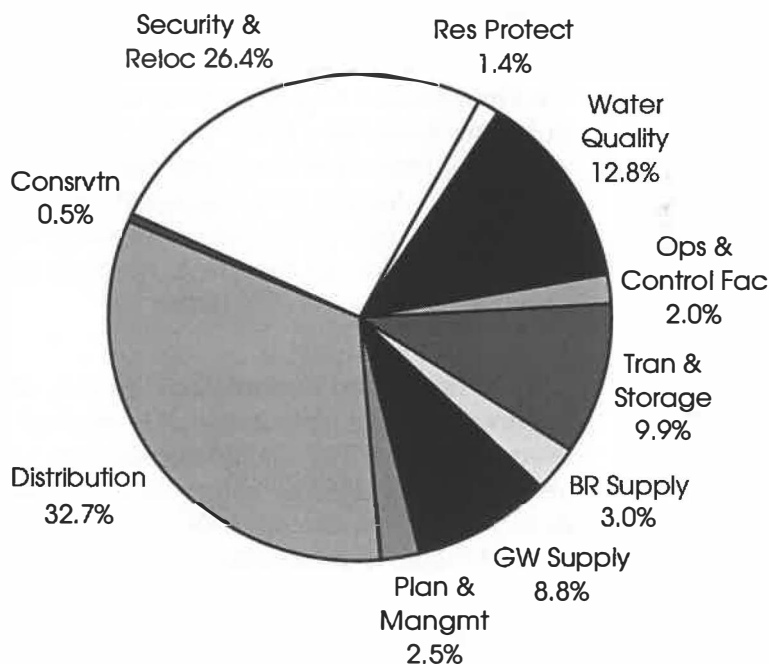
## **ENVIRONMENTAL REMEDIATION FUND**

The Environmental Remediation Fund was established by Council action in FY 1993-94 to provide a funding vehicle for conducting remediation of former solid waste disposal sites for which the City is liable under law. The FY 2002-03 budget for this fund is \$365,000.

The sole project is the remediation of the Longview City Laundry & Cleaners (LCL&C). The project implements a Settlement Agreement between the City and LCL&C to conduct an environmental remediation of the LCL&C site which is adjacent to the Guilds Lake site, a former City incinerator and landfill.

## BUREAU OF WATER WORKS

The FY 2002-03 projects for the Bureau of Water Works include two add packages to place emphasis on system security and for the allocation of utility line relocation costs. Approximately \$41.5 million is budgeted in FY 2002-03 and \$271.4 million over the five-year CIP. Many of these projects are relatively small and address specific maintenance problems or deficiencies in the water system.



### Organization of Water's CIP

The programs and projects in the FY 2002-03 CIP are organized and presented in nine program areas, placing more emphasis on function. For the most part, the programs are major functional areas of the water system and its operation: Bull Run Supply, Conservation, Distribution System, Groundwater Supply, Operations and Control Facilities, Planning and Management, Resource Protection, Storage and Transmission, and Water Quality and Treatment.

### Bull Run Supply

The Bull Run Supply program addresses the reliability and expansion of the Bull Run Watershed, the Water Bureau's primary water supply source. The FY 2002-03 capital budget for the Bull Run Supply program totals approximately \$1.3 million, with over \$17.4 million budgeted for the five-year CIP. The largest FY 2002-03 projects include Watershed Maintenance (\$460,000), System Vulnerability Reduction (\$445,000), and Bull Run Development (\$300,000).

<b>Conservation</b>	The Conservation program provides for special projects that encourage and support water conservation and efficient water use. The Conservation Program capital budget totals \$200,000 in FY 2002-03 and approximately \$1.0 million for FY 2002-07. Projects include Water Loss Reduction (\$50,000) and Peak Off Load/Backup Wells for Hospitals (\$150,000).
<b>Distribution System</b>	The Distribution System program address reliability and expansion of the piping network that distributes water from terminal storage reservoirs to retail customers. The Distribution program capital budget totals approximately \$13.5 million in FY 2002-03 and about \$79.1 million in FY 2002-07, not including the utility relocation add package (see below). The largest projects consist of improvements to distribution mains (\$5.4 million), water services (\$2.8 million), and equipment purchases (\$1.9 million).
<b>Groundwater Supply</b>	The Groundwater Supply program is responsible for the expansion and reliability of the Columbia Southshore Wellfield (CSSW). The CSSW is Portland's secondary water source, augmenting the Bull Run supply, and is the region's backup water supply. The Groundwater Supply program capital budget totals approximately \$3.7 million in FY 2002-03 and about \$19.2 million for the five year CIP. Projects consist of Groundwater System Upgrades (\$3.2 million), Wellfield Rehabilitation (\$440,000), and Small Wells Study and Renovation (\$50,000).
<b>Operations and Control Facilities</b>	The Operations and Control Facilities program provides for the rehabilitation, improvement, and replacement of bureau buildings, grounds, communications, and control facilities. The Operations and Control Facilities program capital budget is \$842,000 in FY 2002-03 and about \$8.3 million in FY 2002-07. Projects include Interstate Site Improvements (\$520,000), Building Maintenance (\$175,000), and Water Control Center improvements (\$147,000).
<b>Planning and Management</b>	The Planning and Management program addresses master planning and support functions for the overall CIP and its implementation. The Planning and Management program capital budget totals nearly \$1.0 million in FY 2002-03 and about \$8.1 million for FY 2002-07. Projects consist of revisions to the Regional Water Supply Plan (\$300,000), Infrastructure Master Plan (\$300,000), and the Maintenance Management System (\$250,000).
<b>Resource Protection</b>	The Resource Protection program is responsible for the stewardship and protection of the City's two water sources, the Bull Run watershed and the Columbia Southshore Wellfield. The Resource Protection program capital budget totals \$565,000 in FY 2002-03 and nearly \$2.8 million over the five year CIP. Projects include Groundwater Remediation and Studies (\$250,000), Wellhead Protection/Monitoring Wells (\$250,000), and Bull Run Lake Mitigation (\$40,000).

**Storage and Transmission**

The Storage and Transmission program provides for the rehabilitation, replacement, and expansion of the primary transmission pipelines and terminal storage reservoirs that make up the supply backbone of the water system. The Storage and Transmission program capital budget totals about \$4.1 million in FY 2002-03 and about \$43.3 million in FY 2002-07, not including the security add package (see below). The largest projects consist of constructing improvements to the Conduits (\$2.8 million), Open Reservoirs (\$600,000), and Regional Connections and Pipelines (\$150,000).

**Water Quality and Treatment**

The Water Quality and Treatment program is responsible for assuring the water quality throughout the water system meets the U.S. Environmental Protection Agency and State of Oregon drinking water standards. The Water Quality and Treatment program capital budget totals about \$5.3 million in FY 2002-03 and about \$12.1 million over the five year CIP. The largest projects consist of constructing improvements to the Groundwater Disinfection System (\$4.7 million), Bull Run Treatment and Disinfection Improvements (\$500,000), and Water Quality Sample Upgrades (\$75,000).

**Security Add Package**

The Water Bureau's FY 2002-03 Adopted CIP Budget includes a new service level add package for enhanced system security and safeguards at over 80 of the bureau's critical facilities and sites. The majority of the funds focus on the five open reservoirs located at two of the City's most prominent parks - Mt. Tabor Park and Washington Park. The FY 2002-03 budget for the security capital project is \$8.4 million, with a total of \$67.4 million over the five-year planning period.

**Utility Relocation Add Package**

The Water Bureau's FY 2002-03 Adopted CIP Budget includes a new service level add package for the allocation of utility line relocation costs. The three infrastructure bureaus (BES, PDOT, and Water) have agreed to a methodology for the allocation of internal City utility relocation costs caused by other internal city capital projects. This add package recognizes the costs associated with benefits the Water Bureau receives when relocated facilities are replaced with new facilities. The budget is \$2.5 million per year with actual costs varying depending on the BES and PDOT projects completed in a given year.

# Capital Improvement Plan — Public Utilities

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Capital Plan							
	Prior Years	Revised FY 2001-02	Adopted FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Bureau of Environmental Services</b>								
<b>Combined Sewer Overflow</b>								
<b>Funding Sources</b>								
Grants/Donations	6,841,675	2,958,918	2,795,200	412,800	0	0	0	3,208,000
Others Financing	2,710,703	443,877	1,240,313	1,799,914	1,684,032	1,440,311	894,362	7,058,932
Revenue Bonds	99,852,367	20,257,850	44,976,114	57,525,778	53,001,417	45,330,874	28,148,081	228,982,264
Service Charges and Fees	45,507,820	7,451,909	20,822,628	30,217,307	28,271,846	24,180,256	15,014,660	118,506,697
<b>Total Funding Sources</b>	<b>154,912,565</b>	<b>31,112,554</b>	<b>69,834,255</b>	<b>89,955,799</b>	<b>82,957,295</b>	<b>70,951,441</b>	<b>44,057,103</b>	<b>357,755,893</b>
<b>Project Costs</b>								
Planning	4,585,269	484,000	2,533,000	2,000,000	0	0	0	4,533,000
Design/ProjMgmt	32,845,294	5,612,864	736,971	158,527	2,339,471	4,332,153	1,458,821	9,025,943
Site Acquisition	835,229	0	700,000	800,000	0	0	0	1,500,000
Const/Equip	116,646,773	25,015,690	65,864,284	86,997,272	80,617,824	66,619,288	42,598,282	342,696,950
<b>Total Project Costs</b>	<b>154,912,565</b>	<b>31,112,554</b>	<b>69,834,255</b>	<b>89,955,799</b>	<b>82,957,295</b>	<b>70,951,441</b>	<b>44,057,103</b>	<b>357,755,893</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,250</b>	<b>63,250</b>	<b>66,500</b>
<b>Maintenance &amp; Reliability</b>								
<b>Funding Sources</b>								
Others Financing	623,036	319,558	213,162	134,267	32,824	152,105	144,870	677,228
Revenue Bonds	19,608,932	10,057,424	6,708,987	4,225,869	1,033,102	4,787,197	4,559,511	21,314,666
Service Charges and Fees	10,459,744	5,364,799	3,578,698	2,254,154	551,074	2,553,573	2,432,119	11,369,618
<b>Total Funding Sources</b>	<b>30,691,712</b>	<b>15,741,781</b>	<b>10,500,847</b>	<b>6,614,290</b>	<b>1,617,000</b>	<b>7,492,875</b>	<b>7,136,500</b>	<b>33,361,512</b>
<b>Project Costs</b>								
Planning	825,951	857,700	1,001,230	0	0	172,675	265,000	1,438,905
Design/ProjMgmt	2,742,642	1,563,101	565,100	128,000	162,000	705,200	1,077,300	2,637,600
Site Acquisition	12,882	24,321	0	0	0	15,000	10,000	25,000
Const/Equip	27,110,237	13,296,659	8,934,517	6,486,290	1,455,000	6,600,000	5,784,200	29,260,007
<b>Total Project Costs</b>	<b>30,691,712</b>	<b>15,741,781</b>	<b>10,500,847</b>	<b>6,614,290</b>	<b>1,617,000</b>	<b>7,492,875</b>	<b>7,136,500</b>	<b>33,361,512</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>12,000</b>	<b>18,000</b>	<b>24,000</b>	<b>31,500</b>	<b>38,925</b>	<b>124,425</b>
<b>Sewage Treatment Systems</b>								
<b>Funding Sources</b>								
Others Financing	590,996	135,879	68,817	58,951	68,333	107,853	132,015	435,969
Revenue Bonds	18,600,410	4,276,523	2,165,871	1,855,367	2,150,668	3,394,479	4,154,909	13,721,294
Service Charges and Fees	9,921,773	2,281,168	1,155,312	989,682	1,147,199	1,810,668	2,216,300	7,319,161
<b>Total Funding Sources</b>	<b>29,113,179</b>	<b>6,693,570</b>	<b>3,390,000</b>	<b>2,904,000</b>	<b>3,366,200</b>	<b>5,313,000</b>	<b>6,503,224</b>	<b>21,476,424</b>
<b>Project Costs</b>								
Planning	1,415,608	50,000	130,000	50,000	112,200	50,000	50,000	392,200
Design/ProjMgmt	6,936,169	474,495	610,000	700,000	560,000	759,000	575,000	3,204,000
Site Acquisition	5,520	0	0	0	0	0	0	0
Const/Equip	20,755,882	6,169,075	2,650,000	2,154,000	2,694,000	4,504,000	5,878,224	17,880,224
<b>Total Project Costs</b>	<b>29,113,179</b>	<b>6,693,570</b>	<b>3,390,000</b>	<b>2,904,000</b>	<b>3,366,200</b>	<b>5,313,000</b>	<b>6,503,224</b>	<b>21,476,424</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(6,000)</b>	<b>(6,000)</b>	<b>20,100</b>	<b>8,100</b>

# Capital Improvement Plan — Public Utilities

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised	Adopted	Capital Plan					
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Surface Water Management</b>								
<b>Funding Sources</b>								
Others Financing	35,598	95,707	83,289	27,172	24,245	74,284	55,065	264,055
Revenue Bonds	1,120,429	3,012,235	2,621,307	855,116	762,972	2,337,860	1,733,013	8,310,268
Service Charges and Fees	597,659	1,606,781	1,398,253	456,134	406,983	1,247,056	924,422	4,432,848
<b>Total Funding Sources</b>	<b>1,753,686</b>	<b>4,714,723</b>	<b>4,102,849</b>	<b>1,338,422</b>	<b>1,194,200</b>	<b>3,659,200</b>	<b>2,712,500</b>	<b>13,007,171</b>
<b>Project Costs</b>								
Planning	866,279	250,000	270,000	70,000	70,000	720,000	697,000	1,827,000
Design/ProjMgmt	288,368	620,634	205,000	0	0	135,000	3,300	343,300
Site Acquisition	112,170	1,245,000	882,000	20,000	20,000	1,100,000	1,100,000	3,122,000
Const/Equip	486,869	2,599,089	2,745,849	1,248,422	1,104,200	1,704,200	912,200	7,714,871
<b>Total Project Costs</b>	<b>1,753,686</b>	<b>4,714,723</b>	<b>4,102,849</b>	<b>1,338,422</b>	<b>1,194,200</b>	<b>3,659,200</b>	<b>2,712,500</b>	<b>13,007,171</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,000</b>	<b>24,000</b>
<b>Systems Development</b>								
<b>Funding Sources</b>								
Bureau Revenues	1,009,849	0	25,000	25,000	25,000	25,000	30,000	130,000
Others Financing	234,471	47,988	92,610	80,620	25,089	41,817	51,967	292,103
Revenue Bonds	7,379,538	1,510,359	2,914,661	2,537,391	789,680	1,316,134	1,635,584	9,193,450
Service Charges and Fees	3,936,376	805,653	1,954,729	1,753,489	821,231	1,102,049	1,272,449	6,903,947
<b>Total Funding Sources</b>	<b>12,560,234</b>	<b>2,364,000</b>	<b>4,987,000</b>	<b>4,396,500</b>	<b>1,661,000</b>	<b>2,485,000</b>	<b>2,990,000</b>	<b>16,519,500</b>
<b>Project Costs</b>								
Planning	799,000	47,644	0	0	0	0	0	0
Design/ProjMgmt	2,274,612	295,846	364,000	138,000	135,000	185,000	335,000	1,157,000
Site Acquisition	123,586	112,000	150,000	0	0	0	0	150,000
Const/Equip	9,363,036	1,908,510	4,473,000	4,258,500	1,526,000	2,300,000	2,655,000	15,212,500
<b>Total Project Costs</b>	<b>12,560,234</b>	<b>2,364,000</b>	<b>4,987,000</b>	<b>4,396,500</b>	<b>1,661,000</b>	<b>2,485,000</b>	<b>2,990,000</b>	<b>16,519,500</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>68,000</b>	<b>113,000</b>	<b>146,000</b>	<b>188,250</b>	<b>221,000</b>	<b>736,250</b>
<b>Bureau of Water Works</b>								
<b>Bull Run Supply Program</b>								
<b>Funding Sources</b>								
Grants/Donations	0	0	0	100,000	130,000	0	0	230,000
Revenue Bonds	39,415	790,900	1,155,000	2,110,000	2,100,000	4,630,000	5,155,000	15,150,000
Service Charges and Fees	0	70,000	100,000	350,000	283,000	305,000	1,021,000	2,059,000
<b>Total Funding Sources</b>	<b>39,415</b>	<b>860,900</b>	<b>1,255,000</b>	<b>2,560,000</b>	<b>2,513,000</b>	<b>4,935,000</b>	<b>6,176,000</b>	<b>17,439,000</b>
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	0	0
Design/ProjMgmt	7,883	549,900	755,000	1,740,000	1,163,000	1,115,000	1,446,000	6,219,000
Const/Equip	31,532	311,000	500,000	820,000	1,350,000	3,820,000	4,730,000	11,220,000
<b>Total Project Costs</b>	<b>39,415</b>	<b>860,900</b>	<b>1,255,000</b>	<b>2,560,000</b>	<b>2,513,000</b>	<b>4,935,000</b>	<b>6,176,000</b>	<b>17,439,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Public Utilities

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Conservation Program</b>								
<b>Funding Sources</b>								
Bureau Revenues	18,077	105,800	150,000	0	0	0	0	150,000
Service Charges and Fees	198,876	72,000	50,000	370,000	288,000	80,000	80,000	868,000
<b>Total Funding Sources</b>	<b>216,953</b>	<b>177,800</b>	<b>200,000</b>	<b>370,000</b>	<b>288,000</b>	<b>80,000</b>	<b>80,000</b>	<b>1,018,000</b>
<b>Project Costs</b>								
Planning	16,320	0	0	0	0	0	0	0
Design/ProjMgmt	200,633	177,800	70,000	167,000	85,000	70,000	70,000	462,000
Const/Equip	0	0	130,000	203,000	203,000	10,000	10,000	556,000
<b>Total Project Costs</b>	<b>216,953</b>	<b>177,800</b>	<b>200,000</b>	<b>370,000</b>	<b>288,000</b>	<b>80,000</b>	<b>80,000</b>	<b>1,018,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Distribution System Program</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	3,548,800	2,995,000	3,137,500	3,137,500	2,637,500	2,637,500	14,545,000
Revenue Bonds	545,045	9,114,970	13,049,000	13,750,500	15,113,500	16,421,500	18,731,500	77,066,000
Service Charges and Fees	0	0	0	0	0	0	0	0
<b>Total Funding Sources</b>	<b>545,045</b>	<b>12,663,770</b>	<b>16,044,000</b>	<b>16,888,000</b>	<b>18,251,000</b>	<b>19,059,000</b>	<b>21,369,000</b>	<b>91,611,000</b>
<b>Project Costs</b>								
Planning	11,763	0	0	0	0	0	0	0
Design/ProjMgmt	455,144	1,490,000	1,610,000	1,905,000	2,032,000	2,180,000	2,930,000	10,657,000
Site Acquisition	0	0	0	0	0	0	0	0
Const/Equip	78,138	11,173,770	14,434,000	14,983,000	16,219,000	16,879,000	18,439,000	80,954,000
<b>Total Project Costs</b>	<b>545,045</b>	<b>12,663,770</b>	<b>16,044,000</b>	<b>16,888,000</b>	<b>18,251,000</b>	<b>19,059,000</b>	<b>21,369,000</b>	<b>91,611,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Groundwater Supply Program</b>								
<b>Funding Sources</b>								
Revenue Bonds	3,456,463	1,525,100	3,612,000	3,965,000	5,600,000	3,550,000	2,175,000	18,902,000
Service Charges and Fees	99,116	20,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Total Funding Sources</b>	<b>3,555,579</b>	<b>1,545,100</b>	<b>3,662,000</b>	<b>4,015,000</b>	<b>5,650,000</b>	<b>3,600,000</b>	<b>2,225,000</b>	<b>19,152,000</b>
<b>Project Costs</b>								
Planning	28,742	0	0	0	0	0	0	0
Design/ProjMgmt	571,841	725,000	565,000	1,070,000	770,000	600,000	460,000	3,465,000
Site Acquisition	0	0	400,000	200,000	0	0	0	600,000
Const/Equip	2,954,996	820,100	2,697,000	2,745,000	4,880,000	3,000,000	1,765,000	15,087,000
<b>Total Project Costs</b>	<b>3,555,579</b>	<b>1,545,100</b>	<b>3,662,000</b>	<b>4,015,000</b>	<b>5,650,000</b>	<b>3,600,000</b>	<b>2,225,000</b>	<b>19,152,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Operations &amp; Control Facilities</b>								
<b>Funding Sources</b>								
Revenue Bonds	2,268,331	359,190	797,000	1,172,000	1,152,000	2,527,000	2,522,000	8,170,000
Service Charges and Fees	0	124,310	45,000	75,000	0	0	0	120,000
<b>Total Funding Sources</b>	<b>2,268,331</b>	<b>483,500</b>	<b>842,000</b>	<b>1,247,000</b>	<b>1,152,000</b>	<b>2,527,000</b>	<b>2,522,000</b>	<b>8,290,000</b>
<b>Project Costs</b>								
Planning	1,900	0	0	0	0	0	0	0
Design/ProjMgmt	913,463	160,900	202,000	307,000	389,000	604,000	552,000	2,054,000
Site Acquisition	721,381	0	0	0	0	0	0	0
Const/Equip	631,587	322,600	640,000	940,000	763,000	1,923,000	1,970,000	6,236,000
<b>Total Project Costs</b>	<b>2,268,331</b>	<b>483,500</b>	<b>842,000</b>	<b>1,247,000</b>	<b>1,152,000</b>	<b>2,527,000</b>	<b>2,522,000</b>	<b>8,290,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>



# Capital Improvement Plan — Public Utilities

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Planning &amp; Management Program</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	200,000	200,000	100,000	225,000	0	0	525,000
Revenue Bonds	253,500	38,300	20,000	174,000	60,000	30,000	560,000	844,000
Service Charges and Fees	8,094,331	553,800	795,000	1,320,000	1,339,000	1,865,000	1,449,000	6,768,000
<b>Total Funding Sources</b>	<b>8,347,831</b>	<b>792,100</b>	<b>1,015,000</b>	<b>1,594,000</b>	<b>1,624,000</b>	<b>1,895,000</b>	<b>2,009,000</b>	<b>8,137,000</b>
<b>Project Costs</b>								
Planning	21,075	5,000	0	250,000	0	0	0	250,000
Design/ProjMgmt	7,386,985	756,100	865,000	794,000	1,084,000	1,375,000	1,749,000	5,867,000
Const/Equip	939,771	31,000	150,000	550,000	540,000	520,000	260,000	2,020,000
<b>Total Project Costs</b>	<b>8,347,831</b>	<b>792,100</b>	<b>1,015,000</b>	<b>1,594,000</b>	<b>1,624,000</b>	<b>1,895,000</b>	<b>2,009,000</b>	<b>8,137,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,000</b>	<b>20,000</b>	<b>40,000</b>
<b>Resource Protection Program</b>								
<b>Funding Sources</b>								
Revenue Bonds	801,862	140,300	290,000	540,000	540,000	290,000	290,000	1,950,000
Service Charges and Fees	4,477,902	507,200	275,000	355,000	150,000	50,000	50,000	880,000
<b>Total Funding Sources</b>	<b>5,279,764</b>	<b>647,500</b>	<b>565,000</b>	<b>895,000</b>	<b>690,000</b>	<b>340,000</b>	<b>340,000</b>	<b>2,830,000</b>
<b>Project Costs</b>								
Planning	7,249	0	0	0	0	0	0	0
Design/ProjMgmt	5,090,462	637,500	435,000	765,000	580,000	230,000	230,000	2,240,000
Site Acquisition	26,875	0	0	0	0	0	0	0
Const/Equip	155,178	10,000	130,000	130,000	110,000	110,000	110,000	590,000
<b>Total Project Costs</b>	<b>5,279,764</b>	<b>647,500</b>	<b>565,000</b>	<b>895,000</b>	<b>690,000</b>	<b>340,000</b>	<b>340,000</b>	<b>2,830,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Storage and Transmission Program</b>								
<b>Funding Sources</b>								
Revenue Bonds	11,901,475	3,260,280	12,152,300	26,420,000	25,320,000	25,070,000	21,275,000	110,237,300
Service Charges and Fees	0	230,000	400,000	100,000	40,000	0	0	540,000
<b>Total Funding Sources</b>	<b>11,901,475</b>	<b>3,490,280</b>	<b>12,552,300</b>	<b>26,520,000</b>	<b>25,360,000</b>	<b>25,070,000</b>	<b>21,275,000</b>	<b>110,777,300</b>
<b>Project Costs</b>								
Planning	85,294	0	200,000	0	0	0	0	200,000
Design/ProjMgmt	6,713,947	1,634,500	4,532,300	3,170,000	1,610,000	3,750,000	3,555,000	16,617,300
Site Acquisition	156,232	490,000	0	0	0	0	0	0
Const/Equip	4,946,002	1,365,780	7,820,000	23,350,000	23,750,000	21,320,000	17,720,000	93,960,000
<b>Total Project Costs</b>	<b>11,901,475</b>	<b>3,490,280</b>	<b>12,552,300</b>	<b>26,520,000</b>	<b>25,360,000</b>	<b>25,070,000</b>	<b>21,275,000</b>	<b>110,777,300</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>800,000</b>
<b>Water Quality &amp; Treatment Program</b>								
<b>Funding Sources</b>								
Revenue Bonds	4,093,139	785,720	5,225,000	2,900,000	1,525,000	1,025,000	1,125,000	11,800,000
Service Charges and Fees	1,131,214	630,000	100,000	50,000	50,000	50,000	50,000	300,000
<b>Total Funding Sources</b>	<b>5,224,353</b>	<b>1,415,720</b>	<b>5,325,000</b>	<b>2,950,000</b>	<b>1,575,000</b>	<b>1,075,000</b>	<b>1,175,000</b>	<b>12,100,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	2,647,653	1,220,720	915,000	1,380,000	1,085,000	945,000	1,045,000	5,370,000
Const/Equip	2,576,700	195,000	4,410,000	1,570,000	490,000	130,000	130,000	6,730,000
<b>Total Project Costs</b>	<b>5,224,353</b>	<b>1,415,720</b>	<b>5,325,000</b>	<b>2,950,000</b>	<b>1,575,000</b>	<b>1,075,000</b>	<b>1,175,000</b>	<b>12,100,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>40,000</b>

# Capital Improvement Plan — Public Utilities

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau		Revised	Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Environmental Remediation Division</b>								
<b>Remediation</b>								
<b>Funding Sources</b>								
Revenue Bonds	0	0	365,000	0	0	0	0	365,000
<b>Total Funding Sources</b>	0	0	365,000	0	0	0	0	365,000
<b>Project Costs</b>								
Const/Equip	0	0	365,000	0	0	0	0	365,000
<b>Total Project Costs</b>	0	0	365,000	0	0	0	0	365,000
<b>Fund Level Costs</b>								
Fund Level Costs	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>								
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## GEOGRAPHIC SUMMARY

This table summarizes capital costs by geographic area for bureaus within this service area.

Bureau		Revised	Adopted	Capital Plan				
Geographic Area	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Public Utilities								
Bureau of Environmental Services								
All Area	43,218,548	4,753,000	4,005,600	4,942,100	4,274,600	5,178,600	5,583,600	23,984,500
Central City	17,048,000	2,953,000	1,845,000	2,189,000	1,150,000	1,000,000	1,000,000	7,184,000
East	169,542	554,434	3,270,000	2,920,000	2,040,000	3,040,000	1,000,000	12,270,000
North	51,453,314	1,280,000	0	2,050,000	2,000,000	4,650,000	3,900,000	12,600,000
North	78,006,044	6,959,972	3,062,202	433,000	1,653,000	5,401,500	3,943,224	14,492,926
Northeast	1,287,285	3,064,313	6,720,649	3,652,222	975,000	2,741,182	130,117	14,219,170
Northwest	27,218,044	13,018,515	61,076,053	80,373,295	70,682,795	53,835,970	38,401,000	304,369,113
South	1,320,551	700,000	700,000	700,000	700,000	700,000	300,000	3,100,000
Southeast	5,842,160	17,361,696	6,465,490	3,815,290	875,000	8,411,700	6,674,500	26,241,980
Southeast	0	500,000	200,000	20,000	20,000	700,000	670,000	1,610,000
Southwest	2,987,128	7,932,928	4,818,727	1,044,104	274,800	337,100	1,486,600	7,961,331
West	480,760	1,548,770	651,230	3,070,000	6,150,500	3,905,464	310,286	14,087,480
Total Bureau of Environmental Services	229,031,376	60,626,628	92,814,951	105,209,011	90,795,695	89,901,516	63,399,327	442,120,500
Bureau of Water Works								
All Area	12,729,394	14,942,690	27,196,000	40,880,000	42,125,000	41,326,000	30,385,000	181,912,000
East	9,323,838	3,226,280	3,962,300	7,999,000	4,528,000	6,105,000	7,586,000	30,180,300
Northeast	12,681,378	2,863,100	9,332,000	6,790,000	6,880,000	5,480,000	3,975,000	32,457,000
Southeast	1,899,375	864,600	470,000	1,370,000	3,570,000	5,670,000	15,175,000	26,255,000
Southwest	744,761	180,000	500,000	0	0	0	50,000	550,000
Total Bureau of Water Works	37,378,746	22,076,670	41,460,300	57,039,000	57,103,000	58,581,000	57,171,000	271,354,300
Environmental Remediation Division								
Northwest	0	0	365,000	0	0	0	0	365,000
Total Environmental Remediation Division	0	0	365,000	0	0	0	0	365,000
Total Public Utilities	\$266,410,122	\$ 82,703,298	\$134,640,251	\$162,248,011	\$147,898,695	\$148,482,516	\$120,570,327	\$713,839,800

# Capital Improvement Plan — Public Utilities

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program								
Project	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Bureau of Environmental Services								
Combined Sewer Overflow								
California Pump Station Upgrade	226,511	110,000	318,000	818,504	0	0	0	1,136,504
Carolina Basin Stream Diversion	368,151	1,200,000	500,000	3,000,000	6,000,000	3,150,000	0	12,650,000
CBWTP CSO Improvements	955,744	895,000	0	0	964,000	1,160,000	250,000	2,374,000
CBWTP Primary Treatment Expansion	0	0	0	0	120,000	332,000	362,000	814,000
Columbia Blvd Wet Weather Treatment	51,453,314	1,280,000	0	2,050,000	2,000,000	4,650,000	3,900,000	12,600,000
Columbia Slough Consolidation Conduit	68,563,168	1,144,500	1,254,202	24,000	0	0	0	1,278,202
DISCO - East Willamette Unsumped	169,056	120,000	120,000	120,000	40,000	40,000	0	320,000
East Tunnel	486	34,434	2,700,000	2,800,000	2,000,000	3,000,000	1,000,000	11,500,000
Eastside Willamette Inflow Controls	0	400,000	450,000	0	0	0	0	450,000
Portsmouth Force Main	0	0	0	0	0	981,182	18,817	999,999
Sellwood Basin Local Separation	2,188,906	4,978,205	0	0	0	0	70,000	70,000
SW CSO Parallel Interceptor	2,298,894	7,000,000	2,656,000	0	0	0	0	2,656,000
Tanner Creek Basin Stream Diversion	21,380,237	9,246,621	8,735,000	1,290,000	0	0	0	10,025,000
Upgrade CBWTP Influent Pump Station	3,184	0	0	0	300,000	2,400,000	250,000	2,950,000
West Side CSO Facilities (Start-Up)	0	0	0	70,000	150,500	755,464	310,286	1,286,250
Western Half Lents 1 Separation	155,945	284,000	60,000	0	0	0	0	60,000
Westside Tunnel & Pump Station	5,828,418	3,719,794	52,341,053	79,083,295	70,682,795	53,782,795	37,596,000	293,485,938
Willamette Basin Downspout DP	1,320,551	700,000	700,000	700,000	700,000	700,000	300,000	3,100,000
Total Combined Sewer Overflow	154,912,565	31,112,554	69,834,255	89,955,799	82,957,295	70,951,441	44,057,103	357,755,893
Maintenance & Reliability								
Beech/Essex/Oak Predesign	26,912	455,000	850,000	0	0	0	0	850,000
Insley/Taggart A Relief and Reconstruction	2,949,790	8,026,285	1,510,490	2,683,290	5,000	0	0	4,198,780
Linnton Residential Sewer Rehab	9,389	52,100	0	0	0	53,175	805,000	858,175
Maintenance Capital - Construction	6,979,419	707,000	507,000	407,000	307,000	207,000	107,000	1,535,000
Maintenance Capital - Contract	13,540,706	985,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
N Omaha Sewer Reconstruction	0	38,402	685,000	5,000	0	0	0	690,000
NE Stanton Sewer Reconstruction	0	389,179	735,000	0	0	0	0	735,000
NW Central Business District Basin	3,507,294	1,968,000	845,000	1,189,000	150,000	0	0	2,184,000
NW Combined Sewer Relief	112,609	348,770	151,230	0	0	0	0	151,230
Riverside Basin Combined Sewer	3,298,086	638,500	123,000	50,000	105,000	21,000	20,000	319,000
Sullivan Sewer Structural Rehab.	1,710	498,000	205,000	450,000	0	0	0	655,000
Taggart B, C, & D Basins R&R	119,925	319,681	2,400,000	207,000	0	0	0	2,607,000
Taggart D Basin - Sewer Separation	0	0	0	0	0	766,700	4,687,500	5,454,200
Taggart D-SE Clinton St & 17th Ave Sewr	130,130	440,070	0	0	50,000	5,400,000	0	5,450,000
Taggart Sewer Rehabilitation Project	0	209,955	0	0	0	45,000	517,000	562,000
Taylor Trunk Sewer Relief	14,653	80,000	952,000	0	0	0	0	952,000
TCWTP I&I Reduction Project	0	50,839	377,127	73,000	0	0	0	450,127
Wheeler Structural Rehab.	1,089	535,000	160,000	550,000	0	0	0	710,000
Total Maintenance & Reliability	30,691,712	15,741,781	10,500,847	6,614,290	1,617,000	7,492,875	7,136,500	33,361,512
Sewage Treatment Systems								
CBWTP Aeration Basin Repairs	0	0	120,000	120,000	120,000	120,000	2,524	482,524
CBWTP Automation	873,599	160,570	40,000	24,000	24,000	24,000	0	112,000
CBWTP Lagoon Reconstruction	1,002,084	1,440,000	0	0	0	1,000,000	2,500,000	3,500,000
CBWTP Odor Control Projects	2,832,170	2,228,000	0	0	0	94,500	293,700	388,200
CBWTP Solids Management & Dewatering	0	165,000	640,000	160,000	0	0	0	800,000
Pump Station Improvement Program	14,460,353	1,500,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,000,000
Sullivan Pump Station Capital Repairs	0	0	190,000	200,000	700,000	1,510,000	0	2,600,000
TCWTP Addition of a Third Secondary	0	0	0	0	122,200	164,500	1,307,000	1,593,700
Treatment Facilities - Rehab & Modification	9,944,973	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,000,000
Total Sewage Treatment Systems	29,113,179	6,693,570	3,390,000	2,904,000	3,366,200	5,313,000	6,503,224	21,476,424
Surface Water Management								
92nd Drive Water Quality Facility	0	0	165,000	0	0	20,000	27,000	212,000
Alsop-Brownwood Flood Mitigation &	138,042	563,500	400,000	750,000	750,000	800,000	0	2,700,000
Columbia Slough Watershed Revegetation	478,009	250,000	200,000	50,000	20,000	250,000	265,000	785,000
Fanno Creek Watershed Revegetation	0	88,600	86,600	86,600	86,600	86,600	86,600	433,000

# Capital Improvement Plan — Public Utilities

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau		Capital Plan						
Capital Program		Revised	Adopted					
Project	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Fanno Creek WQ Improvement	447,070	537,489	198,000	0	0	0	0	198,000
JC Flood Mitigation Private Property	0	0	50,000	50,000	50,000	300,000	300,000	750,000
Lents Crossing	158,373	1,490,000	1,745,000	105,000	0	0	0	1,850,000
NE 148th Basin WQF Phase 2	0	0	0	0	0	135,000	111,300	246,300
Res-JC Willing Seller Program	49	300,000	300,000	20,000	20,000	600,000	600,000	1,540,000
RES-West Lents Flooding	1,000	750,000	0	0	0	500,000	500,000	1,000,000
Slough Infrastructure: US Army COE	509,345	0	585,649	104,222	95,000	70,000	0	854,871
Tideman Johnson Park	0	500,000	200,000	20,000	20,000	700,000	670,000	1,610,000
Tryon Creek Watershed Revegetation	0	66,000	66,000	66,000	66,000	66,000	66,000	330,000
Wapato Wetland Water Quality Facility	21,798	83,134	20,000	0	0	45,000	0	65,000
Willamette Mainstem Early Action	0	86,000	86,600	86,600	86,600	86,600	86,600	433,000
<b>Total Surface Water Management</b>	<b>1,753,686</b>	<b>4,714,723</b>	<b>4,102,849</b>	<b>1,338,422</b>	<b>1,194,200</b>	<b>3,659,200</b>	<b>2,712,500</b>	<b>13,007,171</b>
<b>Systems Development</b>								
Bureau of Transportation Interagency	1,009,849	0	25,000	25,000	25,000	25,000	30,000	130,000
Commercial/Industrial Sanitary Sewer	763,243	0	422,000	1,458,500	891,000	1,395,000	1,395,000	5,561,500
Drainage Improvement Program (DIP)	2,096,583	70,000	25,000	25,000	25,000	25,000	25,000	125,000
Local Improvement Districts	78,017	0	0	0	0	500,000	1,000,000	1,500,000
Permit Reimbursement	661,700	140,000	40,000	40,000	40,000	40,000	40,000	200,000
Permits	0	0	400,000	400,000	400,000	400,000	400,000	2,000,000
Residential Sanitary Sewer Extension	7,224,411	1,050,000	100,000	100,000	100,000	100,000	100,000	500,000
South Airport Sanitary Trunk Sewer	726,431	1,104,000	3,975,000	2,348,000	180,000	0	0	6,503,000
<b>Total Systems Development</b>	<b>12,560,234</b>	<b>2,364,000</b>	<b>4,987,000</b>	<b>4,396,500</b>	<b>1,661,000</b>	<b>2,485,000</b>	<b>2,990,000</b>	<b>16,519,500</b>
<b>Total Bureau of Environmental Services</b>	<b>229,031,376</b>	<b>60,626,628</b>	<b>92,814,951</b>	<b>105,209,011</b>	<b>90,795,695</b>	<b>89,901,516</b>	<b>63,399,327</b>	<b>442,120,500</b>
<b>Bureau of Water Works</b>								
<b>Bull Run Supply Program</b>								
Bull Run Development	0	170,000	300,000	850,000	483,000	305,000	1,021,000	2,959,000
Dams & Headworks Repair &	0	310,000	50,000	60,000	50,000	80,000	305,000	545,000
System Vulnerability Reduction	0	281,000	445,000	1,200,000	1,500,000	4,200,000	4,500,000	11,845,000
Watershed Maintenance	39,415	99,900	460,000	450,000	480,000	350,000	350,000	2,090,000
<b>Total Bull Run Supply Program</b>	<b>39,415</b>	<b>860,900</b>	<b>1,255,000</b>	<b>2,560,000</b>	<b>2,513,000</b>	<b>4,935,000</b>	<b>6,176,000</b>	<b>17,439,000</b>
<b>Conservation Program</b>								
Industrial Conservation	3,841	0	0	112,000	30,000	30,000	30,000	202,000
Peak Offload / Backup Wells For Hospitals	18,077	105,800	150,000	0	0	0	0	150,000
Water Loss Reduction	34,867	72,000	50,000	50,000	50,000	50,000	50,000	250,000
Water Reuse & Alternate Use	160,168	0	0	208,000	208,000	0	0	416,000
<b>Total Conservation Program</b>	<b>216,953</b>	<b>177,800</b>	<b>200,000</b>	<b>370,000</b>	<b>288,000</b>	<b>80,000</b>	<b>80,000</b>	<b>1,018,000</b>
<b>Distribution System Program</b>								
Automated Meter Reading (AMR)	545,045	67,000	100,000	100,000	100,000	0	0	300,000
BES Adjustments	0	1,345,000	1,085,000	500,000	500,000	0	0	2,085,000
Distribution Mains	0	3,965,270	4,900,000	5,400,000	6,000,000	6,200,000	7,600,000	30,100,000
Equipment Purchases	0	1,452,000	1,925,000	1,928,000	2,837,000	1,818,000	2,181,000	10,689,000
ODOT Adjustments	0	350,000	400,000	675,000	675,000	675,000	675,000	3,100,000
PDOT Adjustments	0	1,877,700	552,000	50,000	0	0	0	602,000
Pump Stations	0	226,500	255,000	790,000	352,000	330,000	910,000	2,637,000
Renew Hydrants	0	396,000	700,000	700,000	700,000	700,000	700,000	3,500,000
Tanks	0	368,100	140,000	190,000	190,000	235,000	650,000	1,405,000
Transmission Mains	0	169,400	657,000	1,225,000	1,567,000	3,771,000	3,323,000	10,543,000
Utility Line Relocations	0	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Water Services	0	2,446,800	2,830,000	2,830,000	2,830,000	2,830,000	2,830,000	14,150,000
<b>Total Distribution System Program</b>	<b>545,045</b>	<b>12,663,770</b>	<b>16,044,000</b>	<b>16,888,000</b>	<b>18,251,000</b>	<b>19,059,000</b>	<b>21,369,000</b>	<b>91,611,000</b>
<b>Groundwater Supply Program</b>								
Groundwater System Upgrade	3,456,463	1,427,400	3,172,000	3,665,000	5,300,000	3,200,000	1,530,000	16,867,000
Small Wells Study & Renovation Analysis	99,116	20,000	50,000	50,000	50,000	50,000	50,000	250,000
Wellfield Rehabilitation	0	97,700	440,000	300,000	300,000	350,000	645,000	2,035,000
<b>Total Groundwater Supply Program</b>	<b>3,555,579</b>	<b>1,545,100</b>	<b>3,662,000</b>	<b>4,015,000</b>	<b>5,650,000</b>	<b>3,600,000</b>	<b>2,225,000</b>	<b>19,152,000</b>
<b>Operations &amp; Control Facilities</b>								

# Capital Improvement Plan — Public Utilities

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

<b>Bureau</b>								
<b>Capital Program</b>	<b>Revised</b>		<b>Adopted</b>	<b>Capital Plan</b>				
<b>Project</b>	<b>Prior Years</b>	<b>FY 2001-02</b>	<b>FY 2002-03</b>	<b>FY 2003-04</b>	<b>FY 2004-05</b>	<b>FY 2005-06</b>	<b>FY 2006-07</b>	<b>5-Year Total</b>
Building Maintenance	0	171,900	175,000	275,000	200,000	200,000	200,000	1,050,000
Interstate Site Plan Improvements	1,014,114	257,600	520,000	600,000	430,000	1,630,000	1,500,000	4,680,000
Microwave Communications System	1,252,317	0	0	0	0	100,000	250,000	350,000
Water Control Center	0	54,000	147,000	372,000	522,000	597,000	522,000	2,160,000
Westside Maintenance Operations Facility	1,900	0	0	0	0	0	50,000	50,000
<b>Total Operations &amp; Control Facilities</b>	<b>2,268,331</b>	<b>483,500</b>	<b>842,000</b>	<b>1,247,000</b>	<b>1,152,000</b>	<b>2,527,000</b>	<b>2,522,000</b>	<b>8,290,000</b>
<b>Planning &amp; Management Program</b>								
Asset Management Program	0	0	0	0	200,000	200,000	200,000	600,000
Bulk Water Filling Stations	0	20,000	20,000	200,000	50,000	0	0	270,000
Customer Demand Monitoring	1,087,097	30,900	40,000	200,000	200,000	0	0	440,000
Facility Standards	22,825	10,000	15,000	20,000	10,000	0	0	45,000
GIS Water Bureau	3,450,193	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Infrastructure Master Plan (IMP)	2,646,372	131,900	300,000	300,000	100,000	0	0	700,000
Maintenance Management System	960,052	231,000	250,000	500,000	500,000	400,000	0	1,650,000
Master Plan Dodge Park	34,755	0	0	74,000	35,000	30,000	270,000	409,000
Master Plan In-City Property / Conduit	7,955	18,300	0	0	0	0	290,000	290,000
Project Management System	138,582	0	40,000	0	250,000	250,000	0	540,000
Regional Water Supply Plan (RWSP)	0	300,000	300,000	0	0	0	0	300,000
Retail / Wholesale Financial Planning	0	0	0	250,000	0	0	0	250,000
Water System Studies	0	0	0	0	229,000	965,000	1,199,000	2,393,000
<b>Total Planning &amp; Management Program</b>	<b>8,347,831</b>	<b>792,100</b>	<b>1,015,000</b>	<b>1,594,000</b>	<b>1,624,000</b>	<b>1,895,000</b>	<b>2,009,000</b>	<b>8,137,000</b>
<b>Resource Protection Program</b>								
Bull Run Lake Mitigation	49,160	40,000	40,000	40,000	40,000	40,000	40,000	200,000
Bull Run Optimization Model	9,243	48,400	0	80,000	0	0	0	80,000
Groundwater Remediation	3,481,676	354,100	150,000	150,000	50,000	50,000	50,000	450,000
Groundwater Studies	982,078	100,000	100,000	100,000	100,000	0	0	300,000
USFS / City of Portland Land Exchange	25,967	0	0	250,000	250,000	0	0	500,000
Visitor Safety & Access Improvements	4,905	4,700	25,000	25,000	0	0	0	50,000
Wellhead Protection / Monitoring Wells	726,735	100,300	250,000	250,000	250,000	250,000	250,000	1,250,000
<b>Total Resource Protection Program</b>	<b>5,279,764</b>	<b>647,500</b>	<b>565,000</b>	<b>895,000</b>	<b>690,000</b>	<b>340,000</b>	<b>340,000</b>	<b>2,830,000</b>
<b>Storage and Transmission Program</b>								
Conduit 5	322,221	6,700	270,000	320,000	20,000	20,000	20,000	650,000
Conduit Isolation and Improvements	6,409,451	867,000	450,000	4,000,000	0	0	0	4,450,000
Conduit Relocation-Sandy River	2,004,362	100,000	92,300	0	0	0	0	92,300
Conduit Repair & Rehabilitation	0	395,800	1,500,000	850,000	950,000	400,000	400,000	4,100,000
Conduit Vulnerability Reduction	89,603	125,000	500,000	1,000,000	1,500,000	1,000,000	1,000,000	5,000,000
Open Reservoirs	755,823	957,880	600,000	200,000	740,000	700,000	700,000	2,940,000
Powell Butte Reservoirs	1,492,648	675,000	50,000	50,000	50,000	2,500,000	14,000,000	16,650,000
Regional Connections & Pipelines	84,506	182,900	150,000	1,000,000	3,500,000	3,150,000	1,155,000	8,955,000
River Crossing & Transmission	742,861	180,000	500,000	0	0	0	0	500,000
Security - Capital	0	0	8,440,000	19,100,000	18,600,000	17,300,000	4,000,000	67,440,000
<b>Total Storage and Transmission Pro-</b>	<b>11,901,475</b>	<b>3,490,280</b>	<b>12,552,300</b>	<b>26,520,000</b>	<b>25,360,000</b>	<b>25,070,000</b>	<b>21,275,000</b>	<b>110,777,300</b>
<b>Water Quality &amp; Treatment Program</b>								
Bull Run Disinfection Improvements	511,500	175,000	200,000	150,000	100,000	100,000	100,000	650,000
Bull Run Treatment	157,319	609,720	300,000	950,000	900,000	850,000	950,000	3,950,000
Groundwater Disinfection Improvements	3,020,312	526,000	4,700,000	1,725,000	450,000	0	0	6,875,000
Regulatory Compliance Studies	973,895	30,000	50,000	50,000	50,000	50,000	50,000	250,000
Water Quality Sample Upgrade	561,327	75,000	75,000	75,000	75,000	75,000	75,000	375,000
<b>Total Water Quality &amp; Treatment Pro-</b>	<b>5,224,353</b>	<b>1,415,720</b>	<b>5,325,000</b>	<b>2,950,000</b>	<b>1,575,000</b>	<b>1,075,000</b>	<b>1,175,000</b>	<b>12,100,000</b>
<b>Total Bureau of Water Works</b>	<b>37,378,746</b>	<b>22,076,670</b>	<b>41,460,300</b>	<b>57,039,000</b>	<b>57,103,000</b>	<b>58,581,000</b>	<b>57,171,000</b>	<b>271,354,300</b>
<b>Environmental Remediation Division</b>								
<b>Remediation</b>								
Longview City Laundry & Cleaners	0	0	365,000	0	0	0	0	365,000
<b>Total Remediation</b>	<b>0</b>	<b>0</b>	<b>365,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>365,000</b>

# Capital Improvement Plan — Public Utilities

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau								
Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Total Environmental Remediation Division	0	0	365,000	0	0	0	0	365,000
<b>Total Public Utilities</b>	<b>\$266,410,122</b>	<b>\$ 82,703,298</b>	<b>\$134,640,251</b>	<b>\$162,248,011</b>	<b>\$147,898,695</b>	<b>\$148,482,516</b>	<b>\$120,570,327</b>	<b>\$713,839,800</b>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total

**Combined Sewer Overflow**

**California Pump Station Upgrade**

**Area:** SW

Mandated

**Project Description**

To meet the Amended Stipulated Final Order (ASFO) regulatory requirements, the California Pump Station will have to be upgraded to approximately 8cfs (5mgd) with a new 16-inch force main (300 feet long) and a new wet well with a new inflow of 24-inches in diameter (200 feet in length). A more thorough analysis needs to be performed to see if a larger inflow conduit (48-inches or so) can be used to provide upstream storage and flow equalization to reduce the maximum pump rate required.

**Funding Sources**

**Service Charges and Fees**

**Revenue Bonds**

**Others Financing**

**Total Funding Sources**

**Project Costs**

Planning

Design/ProjMgmt

Const/Equip

**Total Project Costs**

**Fund Level Costs**

**Oper & Maint Costs**

226,511	110,000	318,000	818,504	0	0	0	1,136,504
153,780	0	83,000	0	0	0	0	83,000
53,858	110,000	158,000	19,504	0	0	0	177,504
18,873	0	77,000	799,000	0	0	0	876,000
226,511	110,000	318,000	818,504	0	0	0	1,136,504
0	0	0	0	0	0	0	0
0	0	0	0	0	750	750	1,500

**Carolina Basin Stream Diversion**

**Area:** W

Mandated

**Project Description**

This project is part of the west side combined sewer overflow control system and will separate and convey stormwater that currently enters the combined system in selected sub-basins. New pipeline will intercept and convey stream flow which currently enters the combined system, to the Willamette River, thereby providing relief to the West Side Interceptor. New pipeline will also be constructed which will separate stormwater runoff in developed areas, treat as necessary, and convey separated stormwater to the Willamette River, thereby providing further needed relief to the West Side Interceptor.

**Funding Sources**

Revenue Bonds

Others Financing

Service Charges and Fees

**Total Funding Sources**

**Project Costs**

Planning

Design/ProjMgmt

Const/Equip

**Total Project Costs**

**Fund Level Costs**

**Oper & Maint Costs**

235,211	766,680	319,450	1,916,700	3,833,400	2,012,535	0	8,082,085
7,475	24,360	10,150	60,900	121,800	63,945	0	256,795
125,465	408,960	170,400	1,022,400	2,044,800	1,073,520	0	4,311,120
368,151	1,200,000	500,000	3,000,000	6,000,000	3,150,000	0	12,650,000
67,887	0	0	0	0	0	0	0
299,449	600,000	500,000	0	0	0	0	500,000
815	600,000	0	3,000,000	6,000,000	3,150,000	0	12,150,000
368,151	1,200,000	500,000	3,000,000	6,000,000	3,150,000	0	12,650,000
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0



**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2005–07	5–Year Total
<b>CBWTP CSO Improvements</b>								
							<b>Area:</b>	<b>N</b>
								Mandated
<b>Project Description</b>								
Implementation of the westside CSO facilities recommended in the Willamette River Basin CSO Control Plan adds up to 150 mgd of peak wet weather flow to the CBWTP. This project will provide for the design and construction of wet weather screening facility including modification of CBWTP inlet structure, installation of a wet weather influent diversion structure, modification of the wet weather primary influent pipelines, and control modifications.								
<b>Funding Sources</b>								
Service Charges and Fees	325,717	305,017	0	0	328,532	395,328	85,200	809,060
Revenue Bonds	610,626	571,815	0	0	615,899	741,124	159,725	1,516,748
Others Financing	19,401	18,168	0	0	19,569	23,548	5,075	48,192
<b>Total Funding Sources</b>	<b>955,744</b>	<b>895,000</b>	<b>0</b>	<b>0</b>	<b>964,000</b>	<b>1,160,000</b>	<b>250,000</b>	<b>2,374,000</b>
<b>Project Costs</b>								
Planning	24,105	0	0	0	0	0	0	0
Design/ProjMgmt	910,241	895,000	0	0	50,000	0	0	50,000
Const/Equip	21,398	0	0	0	914,000	1,160,000	250,000	2,324,000
<b>Total Project Costs</b>	<b>955,744</b>	<b>895,000</b>	<b>0</b>	<b>0</b>	<b>964,000</b>	<b>1,160,000</b>	<b>250,000</b>	<b>2,374,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>60,000</b>
<b>CBWTP Primary Treatment Expansion</b>								
							<b>Area:</b>	<b>N</b>
								Mandated
<b>Project Description</b>								
The September 1995 CBWTP Facilities Plan identified the need for a fourth dry weather primary clarifier between 2001 and 2011 in anticipation of increased dry weather flows. Subsequent to this plan, the Willamette River CSO Predesign project also recommended construction of the fourth clarifier as part of the Phase 2, or East Side Willamette set of projects. The project is required by the predicted increased wet weather flow to the Columbia Boulevard Water Treatment Plant (CBWTP) as a result of Willamette River CSO flows, which will be intercepted and conveyed to the CBWTP								
<b>Funding Sources</b>								
Revenue Bonds	0	0	0	0	76,668	212,115	231,281	520,064
Others Financing	0	0	0	0	2,436	6,739	7,350	16,525
Service Charges and Fees	0	0	0	0	40,896	113,146	123,369	277,411
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>332,000</b>	<b>362,000</b>	<b>814,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	120,000	332,000	362,000	814,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>332,000</b>	<b>362,000</b>	<b>814,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Columbia Blvd Wet Weather Treatment Facilities</b>								
	<b>Area:</b>							<b>N</b>
								<b>Mandated</b>
<b>Project Description</b>								
The Columbia Blvd. Wet Weather Treatment Facility (CBWWTF) project consists of construction of new primary clarifiers to treat up to 120 MGD of dry weather flows, modifications of existing primary clarifiers to treat up to 240 MGD of wet weather flows, expansion of the existing chlorination system, modifications of the existing effluent pump station, construction of a new dechlorination facility, modifications of the screen house, odor control, and environmental enhancements as part of the commitment to the local communities. These facilities are operable since December 2000, with the exception of modifications of the existing effluent pump station which is required to comply with the ASFO deadline on December 1, 2011.								
<b>Funding Sources</b>								
Others Financing	1,044,502	25,984	0	41,615	40,600	94,395	79,170	255,780
Service Charges and Fees	17,535,290	436,224	0	698,640	681,600	1,584,720	1,329,120	4,294,080
Revenue Bonds	32,873,522	817,792	0	1,309,745	1,277,800	2,970,885	2,491,710	8,050,140
<b>Total Funding Sources</b>	<b>51,453,314</b>	<b>1,280,000</b>	<b>0</b>	<b>2,050,000</b>	<b>2,000,000</b>	<b>4,650,000</b>	<b>3,900,000</b>	<b>12,600,000</b>
<b>Project Costs</b>								
Planning	995,345	0	0	0	0	0	0	0
Design/ProjMgmt	8,810,517	0	0	50,000	0	0	0	50,000
Const/Equip	41,647,452	1,280,000	0	2,000,000	2,000,000	4,650,000	3,900,000	12,550,000
<b>Total Project Costs</b>	<b>51,453,314</b>	<b>1,280,000</b>	<b>0</b>	<b>2,050,000</b>	<b>2,000,000</b>	<b>4,650,000</b>	<b>3,900,000</b>	<b>12,600,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Columbia Slough Consolidation Conduit**

**Area:** N  
**Mandated**

**Project Description**

This project is one of the four main projects in the Columbia Slough program that would capture, store, convey, and treat the CSO from the Columbia Slough basin. The other three main projects in the Columbia Slough program are the Influent Pump Station, Wet Weather Treatment Facility and the Outfall. The Consolidation Conduit is divided into six parts, being referred to as construction segments: Segment #1: 144" pipeline from Influent Pump Station to Outfall 58, Segment #2: 144" pipeline from Outfall 58 to Interstate 5, Segment #3: 72" pipeline from Interstate 5 to NE 13th Avenue, Segment #4: Restoration and Site Improvements, Segment #5: 36" Sewer and 48" Interceptor Relocation and utility relocation, and Segment #6: Odor Control Facilities at Interstate 5. The only remaining project is segment 4, it is planned to be complete by FY 03/04. The rest of the segments are operable since December 2002.

**Funding Sources**

Others Financing	1,391,832	23,233	25,460	487	0	0	0	25,947
Revenue Bonds	43,805,010	731,221	801,309	15,333	0	0	0	816,642
Service Charges and Fees	23,366,326	390,046	427,433	8,180	0	0	0	435,613
<b>Total Funding Sources</b>	<b>68,563,168</b>	<b>1,144,500</b>	<b>1,254,202</b>	<b>24,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,278,202</b>
<b>Project Costs</b>								
Planning	1,928,851	0	0	0	0	0	0	0
Design/ProjMgmt	9,435,386	0	0	0	0	0	0	0
Site Acquisition	709,449	0	0	0	0	0	0	0
Const/Equip	56,489,482	1,144,500	1,254,202	24,000	0	0	0	1,278,202
<b>Total Project Costs</b>	<b>68,563,168</b>	<b>1,144,500</b>	<b>1,254,202</b>	<b>24,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,278,202</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>DISCO - East Willamette Unsumped</b>								
							<b>Area:</b>	<b>E</b>
								Mandated
<b>Project Description</b>								
This project is for expanding the current scope and implementation of the Downspout Disconnection Program to include an unsumped area of 6,151 single family residential properties north of I-84. The Downspout Disconnection Program is completing field surveys of the properties in this area to determine the background rate of flow removal as well as to estimate the percentage of additional safe and effective disconnection. The neighborhoods in this area are suited for disconnection based on the program's experience working in other neighborhoods which were part of previous target areas.								
<b>Funding Sources</b>								
Others Financing	3,431	2,436	2,436	2,436	812	812	0	6,496
Service Charges and Fees	57,616	40,896	40,896	40,896	13,632	13,632	0	109,056
Revenue Bonds	108,009	76,668	76,668	76,668	25,556	25,556	0	204,448
<b>Total Funding Sources</b>	<b>169,056</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>40,000</b>	<b>40,000</b>	<b>0</b>	<b>320,000</b>
<b>Project Costs</b>								
Planning	3,425	0	0	0	0	0	0	0
Const/Equip	165,631	120,000	120,000	120,000	40,000	40,000	0	320,000
<b>Total Project Costs</b>	<b>169,056</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>40,000</b>	<b>40,000</b>	<b>0</b>	<b>320,000</b>
<b>Fund Level Costs</b>								
	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>								
	0	0	0	0	0	0	0	0
<b>East Tunnel</b>								
							<b>Area:</b>	<b>E</b>
								Mandated
<b>Project Description</b>								
This project consists of approximately 31,000 lineal feet of tunnel ranging in diameter from 16 to 18 feet. The tunnel extends from the Insley combined sewer basin to the south to the Riverside Basin in the north (Swan Island). This project is part of the East Side CSO control program mandated by DEQ. The tunnel will collect, convey and store overflows from thirteen combined sewer basins on the east side of the Willamette. The tunnel will connect to a new CSO pump station at its downstream end, located on the southern end of Swan Island. The depth of the tunnel will vary along its length but may be in excess of 100 feet deep in places.								
<b>Funding Sources</b>								
Revenue Bonds	310	22,000	1,725,030	1,788,920	1,277,800	1,916,700	638,900	7,347,350
Service Charges and Fees	167	11,734	920,160	954,240	681,600	1,022,400	340,800	3,919,200
Others Financing	9	700	54,810	56,840	40,600	60,900	20,300	233,450
<b>Total Funding Sources</b>	<b>486</b>	<b>34,434</b>	<b>2,700,000</b>	<b>2,800,000</b>	<b>2,000,000</b>	<b>3,000,000</b>	<b>1,000,000</b>	<b>11,500,000</b>
<b>Project Costs</b>								
Planning	486	0	2,000,000	2,000,000	0	0	0	4,000,000
Design/ProjMgmt	0	34,434	0	0	2,000,000	3,000,000	1,000,000	6,000,000
Site Acquisition	0	0	700,000	800,000	0	0	0	1,500,000
<b>Total Project Costs</b>	<b>486</b>	<b>34,434</b>	<b>2,700,000</b>	<b>2,800,000</b>	<b>2,000,000</b>	<b>3,000,000</b>	<b>1,000,000</b>	<b>11,500,000</b>
<b>Fund Level Costs</b>								
	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>								
	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Eastside Willamette Inflow Controls Predesign</b>								
							<b>Area:</b>	<b>E</b>
								Mandated
<b>Project Description</b>								
The Clean River Plan requires implementation of inflow controls in the Eastside CSO basins to control runoff from impervious areas. This project will identify the level of stormwater inflow control that can be obtained; identify the specific sites and technologies that will be used; quantify the cost savings and size reductions in basement flooding and CSO facilities; and, identify the multi-objective environmental benefits that can be obtained by implementing aggressive stormwater inflow controls in the Eastside CSO system. The Clean River Plan targets the reduction of 500 MG/year of CSO from the Eastside Basins.								
<b>Funding Sources</b>								
Others Financing	0	8,120	9,135	0	0	0	0	9,135
Service Charges and Fees	0	136,320	153,360	0	0	0	0	153,360
Revenue Bonds	0	255,560	287,505	0	0	0	0	287,505
<b>Total Funding Sources</b>	<b>0</b>	<b>400,000</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>
<b>Project Costs</b>								
Planning	0	400,000	450,000	0	0	0	0	450,000
<b>Total Project Costs</b>	<b>0</b>	<b>400,000</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Portsmouth Force Main</b>								
							<b>Area:</b>	<b>NE</b>
								Mandated
<b>Project Description</b>								
This project consists of approximately 9,000 lineal feet of five-foot diameter pressure line that will receive flow from the Swan Island CSO pump station. The force main begins at the East Side CSO Pump Station, located at the south end of Swan Island and traverses northeast until connecting with the Portsmouth tunnel.								
<b>Funding Sources</b>								
Others Financing	0	0	0	0	0	19,917	381	20,298
Revenue Bonds	0	0	0	0	0	626,877	12,022	638,899
Service Charges and Fees	0	0	0	0	0	334,388	6,414	340,802
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>981,182</b>	<b>18,817</b>	<b>999,999</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	0	981,182	18,817	999,999
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>981,182</b>	<b>18,817</b>	<b>999,999</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Sellwood Basin Local Separation</b>								
							<b>Area:</b>	<b>SE</b>
								Mandated
<b>Project Description</b>								
This project will design and construct replacement sewers with in-line storage and detention in the Sellwood Combined Sewer Basin to reduce Combined Sewer Overflows (CSOs) and control basement flooding. Installation of sumps and an analysis of roof drain disconnections have been completed within this basin. Additional study and modeling of the basin with these actions in place have determined that additional separation or storage will be necessary to meet the City of Portland/DEQ Amended Stipulated and Final Order (AFSO) requirement.								
<b>Funding Sources</b>								
Others Financing	44,434	101,057	0	0	0	0	1,421	1,421
Revenue Bonds	1,398,492	3,180,575	0	0	0	0	44,723	44,723
Service Charges and Fees	745,980	1,696,573	0	0	0	0	23,856	23,856
<b>Total Funding Sources</b>	<b>2,188,906</b>	<b>4,978,205</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>70,000</b>
<b>Project Costs</b>								
Planning	326,699	0	0	0	0	0	0	0
Design/ProjMgmt	770,242	120,636	0	0	0	0	70,000	70,000
Const/Equip	1,091,965	4,857,569	0	0	0	0	0	0
<b>Total Project Costs</b>	<b>2,188,906</b>	<b>4,978,205</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>70,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan						
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total		
SW CSO Parallel Interceptor										Area: SW
										Mandated
Project Description										
This project is part of the recommended west side Willamette River Combined Sewer Overflow (CSO) system. The recommended alternative for Willamette River CSO control has replaced the previously proposed southwest CSO control facilities with a new Interceptor. The new Interceptor and appurtenances will control combined sewer overflow (CSOs) from the California, Carolina, Lowell, Woods, and Sheridan Systems. The southwest control system consists of a new interceptor sewer and modifications to existing diversion structures along its route. The new interceptor consists of approximately 9,500 lineal feet of sewer ranging from 24 to 84-inches in diameter.										
Funding Sources										
Revenue Bonds	1,468,763	4,472,300	1,696,920	0	0	0	0	1,696,920		
Others Financing	46,667	142,100	53,916	0	0	0	0	53,916		
Service Charges and Fees	783,464	2,385,600	905,164	0	0	0	0	905,164		
Total Funding Sources	2,298,894	7,000,000	2,656,000	0	0	0	0	2,656,000		
Project Costs										
Planning	84,082	0	0	0	0	0	0	0		
Design/Proj/Mgmt	2,093,647	93,000	0	0	0	0	0	0		
Site Acquisition	91,780	0	0	0	0	0	0	0		
Const/Equip	29,385	6,907,000	2,656,000	0	0	0	0	2,656,000		
Total Project Costs	2,298,894	7,000,000	2,656,000	0	0	0	0	2,656,000		
Fund Level Costs	0	0	0	0	0	0	0	0		
Oper & Maint Costs	0	0	0	0	0	2,500	2,500	5,000		
Tanner Creek Basin Stream Diversion										Area: NW
										Mandated
Project Description										
This project is for the design and construction of a stream diversion pipe in the Tanner Creek basin to divert stormwater from entering the combined sewer system, providing increased capacity for sanitary sewage. The Tanner Creek Basin is served by a combined sewer system. Much of the stormwater runoff comes from forested areas in the upper basin and is clean enough for direct discharge to the Willamette River. Removal of these clean water flows from the Tanner Creek combined sewer system will greatly reduce the CSOs from the Tanner Creek basin. This will also free up capacity in the West Central Interceptor, Ankeny Pump Station and Treatment Plant which is needed for sanitary sewage.										
Funding Sources										
Grants/Donations	6,841,675	2,958,918	2,795,200	412,800	0	0	0	3,208,000		
Revenue Bonds	14,538,562	6,287,703	5,939,800	877,200	0	0	0	6,817,000		
Total Funding Sources	21,380,237	9,246,621	8,735,000	1,290,000	0	0	0	10,025,000		
Project Costs										
Planning	641,053	0	0	0	0	0	0	0		
Design/Proj/Mgmt	4,734,682	40,000	0	0	0	0	0	0		
Site Acquisition	34,000	0	0	0	0	0	0	0		
Const/Equip	15,970,502	9,206,621	8,735,000	1,290,000	0	0	0	10,025,000		
Total Project Costs	21,380,237	9,246,621	8,735,000	1,290,000	0	0	0	10,025,000		
Fund Level Costs	0	0	0	0	0	0	0	0		
Oper & Maint Costs	0	0	0	0	0	0	0	0		

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Upgrade CBWTP Influent Pump Station</b>								
							<b>Area:</b>	<b>N</b>
							Mandated	
<b>Project Description</b>								
This project consists of a 30 mgd upgrade to the existing Influent Pump Station to manage additional flows from the Westside CSO System. This facility is located on the grounds of the Columbia Boulevard Wastewater Treatment Plant. The Willamette CSO program includes a wet weather pump station that will pump from the Westside CSO Tunnel. The pump station will discharge to the existing Peninsula tunnel via force mains which will transport these flows into the existing Columbia Slough Consolidation Conduit (CSCC). The addition of these flows to the CSCC requires additional pumping capacity to lift flows from the CSCC to the CBWTP influent channel or to the Wet Weather Headworks.								
<b>Funding Sources</b>								
Revenue Bonds	2,034	0	0	0	191,670	1,533,360	159,725	1,884,755
Service Charges and Fees	1,086	0	0	0	102,240	817,920	85,200	1,005,360
Others Financing	64	0	0	0	6,090	48,720	5,075	59,885
<b>Total Funding Sources</b>	<b>3,184</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>2,400,000</b>	<b>250,000</b>	<b>2,950,000</b>
<b>Project Costs</b>								
Planning	2,135	0	0	0	0	0	0	0
Design/ProjMgmt	1,049	0	0	0	0	0	0	0
Const/Equip	0	0	0	0	300,000	2,400,000	250,000	2,950,000
<b>Total Project Costs</b>	<b>3,184</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>2,400,000</b>	<b>250,000</b>	<b>2,950,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**West Side CSO Facilities (Start-Up)**

**Area:** **W**  
Mandated

**Project Description**

This project is the final step of the West Willamette CSO group of projects to reduce/eliminate discharge from the West Willamette combined sewer outfalls into the Willamette River. This involves modification of the existing diversion structures to set the overall West Willamette CSO facilities into operation per the ASFO agreement. Currently the diversion structures allow flows in excess of the capacity of the existing westside facilities to discharge directly into the Willamette River through various outfalls. The diversion modification include approximately 15 diversion structures in southwest Portland Macadam district and the Tanner Creek Structure at NW 11th Avenue and Lovejoy Street. These structures will divert the ASFO storm to the new West Side Willamette CSO facilities or in some instances, eliminate CSO discharges into the Willamette River.

**Funding Sources**

Others Financing	0	0	0	1,421	3,055	15,335	6,300	26,111
Revenue Bonds	0	0	0	44,723	96,155	482,665	198,241	821,784
Service Charges and Fees	0	0	0	23,856	51,290	257,464	105,745	438,355
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>150,500</b>	<b>755,464</b>	<b>310,286</b>	<b>1,286,250</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	70,000	150,500	0	0	220,500
Const/Equip	0	0	0	0	0	755,464	310,286	1,065,750
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>150,500</b>	<b>755,464</b>	<b>310,286</b>	<b>1,286,250</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Western Half Lents 1 Separation								
	Area:							SE
								Mandated
Project Description								
This project will construct a new storm water sewer pipeline allowing the existing system to carry only the sanitary flow. This new pipeline will remove the storm water flow from the combination system thereby reducing flow to the Harney Pump Station, and the southeast interceptor. The Western Half Lents 1 Sewer Separation project is one of the east side Cornerstone Projects identified by the CSO Management Plan to separate the storm flow from the combined sewer system by constructing a new storm only system and using the existing system as a sanitary only system.								
Funding Sources								
Service Charges and Fees	53,145	96,786	20,448	0	0	0	0	20,448
Others Financing	3,165	5,765	1,218	0	0	0	0	1,218
Revenue Bonds	99,635	181,449	38,334	0	0	0	0	38,334
Total Funding Sources	155,945	284,000	60,000	0	0	0	0	60,000
Project Costs								
Planning	56,015	84,000	0	0	0	0	0	0
Design/ProjMgmt	99,930	0	60,000	0	0	0	0	60,000
Const/Equip	0	200,000	0	0	0	0	0	0
Total Project Costs	155,945	284,000	60,000	0	0	0	0	60,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Westside Tunnel & Pump Station								
	Area:							NW
								Mandated
Project Description								
The West Willamette CSO control system will intercept existing outfalls along the west side of the Willamette River. It will convey flow in a tunnel from a location near the Marquam Bridge to the Northwest Industrial area where it will cross under the Willamette River and end at a confluence structure and pump station on Swan Island. The 24,000-foot tunnel system is expected to be 14 feet finished inside diameter with depths ranging between 100 feet to 150 feet from the ground surface to the invert of the tunnel. The tunnel system will function as both a conveyance and a storage conduit for the West Willamette CSO control system. Along the tunnel route, a series of gravity conduits and drop structures will connect existing combined sewer outfalls to the tunnel. The tunnel will connect to a new 220-mgd Swan Island Pump Station. Force mains will transport flows from the pump station to existing conduits for delivery of flow to the Columbia Boulevard Wastewater Treatment Plant.								
Funding Sources								
Service Charges and Fees	1,986,326	1,267,705	17,837,832	26,951,588	24,088,696	18,329,178	12,812,716	100,020,010
Others Financing	118,316	75,511	1,062,523	1,605,390	1,434,860	1,091,790	763,200	5,957,763
Revenue Bonds	3,723,776	2,376,578	33,440,698	50,526,317	45,159,239	34,361,827	24,020,084	187,508,165
Total Funding Sources	5,828,418	3,719,794	52,341,053	79,083,295	70,682,795	53,782,795	37,596,000	293,485,938
Project Costs								
Planning	207,348	0	0	0	0	0	0	0
Design/ProjMgmt	5,610,910	3,719,794	18,971	19,023	18,971	18,971	8,004	83,940
Const/Equip	10,160	0	52,322,082	79,064,272	70,663,824	53,763,824	37,587,996	293,401,998
Total Project Costs	5,828,418	3,719,794	52,341,053	79,083,295	70,682,795	53,782,795	37,596,000	293,485,938
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Willamette Basin Downspout DP</b>								
							<b>Area:</b>	<b>S</b>
								Mandated
<b>Project Description</b>								
Research completed for the CSO Management Plan suggested that disconnecting downspouts at single family residential properties could remove substantial volume of inflow from the combined sewer, reduce sewer backup problems and prevent the need for new and expensive facilities to handle the combined sewage. This project will focus on 15,000-20,000 properties in sumped areas which drain to the Willamette River including Sellwood sewer basin. Disconnecting residential downspouts is simple, inexpensive and offers a tangible way for City residents to make a contribution toward solving the CSO problem. Disconnection work is done by property owners, neighborhood volunteers and M/W/ESB local contractors.								
<b>Funding Sources</b>								
Others Financing	26,807	14,210	14,210	14,210	14,210	14,210	6,090	62,930
Revenue Bonds	843,700	447,230	447,230	447,230	447,230	447,230	191,670	1,980,590
Service Charges and Fees	450,044	238,560	238,560	238,560	238,560	238,560	102,240	1,056,480
<b>Total Funding Sources</b>	<b>1,320,551</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>300,000</b>	<b>3,100,000</b>
<b>Project Costs</b>								
Planning	94,058	0	0	0	0	0	0	0
Design/Proj/Mgmt	25,383	0	0	0	0	0	0	0
Const/Equip	1,201,110	700,000	700,000	700,000	700,000	700,000	300,000	3,100,000
<b>Total Project Costs</b>	<b>1,320,551</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>300,000</b>	<b>3,100,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Maintenance & Reliability**

<b>Beech/Essex/Oak Predesign</b>								
							<b>Area:</b>	<b>NE</b>
								Replacement
<b>Project Description</b>								
The Oak Basin is a 390 acre combined sewer basin located in east Portland. The Oak sewer system consists of 15,720 feet of clay, brick and stone, and concrete pipe ranging in diameter from 24 to 34 inches in diameter. This basin experiences significant surcharging when modeled by the 25- year storm event and has a history of some basement flooding. The Oak Basin Combined Sewer Relief project will complete a pre-design study that will evaluate the current structural condition and hydraulic operation of the collection system. The pre-design report is scheduled to be completed in FY02, and will define the scope of needed improvements, develop alternatives to correct system deficiencies, and present recommendations for design and construction of projects in a phased prioritized approach for flexibility. Phased design and construction secondary projects will be budgeted in the 5-year CIP after completion of this pre-design report.								
<b>Funding Sources</b>								
Others Financing	546	9,236	17,255	0	0	0	0	17,255
Service Charges and Fees	9,171	155,064	289,680	0	0	0	0	289,680
Revenue Bonds	17,195	290,700	543,065	0	0	0	0	543,065
<b>Total Funding Sources</b>	<b>26,912</b>	<b>455,000</b>	<b>850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>850,000</b>
<b>Project Costs</b>								
Planning	17,589	455,000	850,000	0	0	0	0	850,000
Design/Proj/Mgmt	9,323	0	0	0	0	0	0	0
<b>Total Project Costs</b>	<b>26,912</b>	<b>455,000</b>	<b>850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>850,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>



**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total

**Insley/Taggart A Relief and Reconstruction**

**Area:** SE  
Repair/Maint

**Project Description**

The project will provide an acceptable solution for the rehabilitation of the Insley and Taggart "A" Basin sewer system that will alleviate basement flooding, thereby reducing potential health and safety hazards. In this process the hydraulic capacity of the system will be augmented to convey the BES standard 25-year design storm. A pre-design study and report was completed in June 1997. The Insley Basin and Taggart UA Basins have been identified as high priority combined sewer areas requiring improvement in the 1999 Public Facility Plan (PFP). Modeling results indicate that 42% of the Insley Basin and 76% of the Taggart UA Basin would surcharge under the 25-year, 6-hour design storm. More than 300 flooded basements have been documented within the two basins, confirming the conveyance capacity limitations.

**Funding Sources**

Service Charges and Fees	1,005,290	2,735,357	514,776	914,467	1,704	0	0	1,430,947
Others Financing	59,880	162,933	30,662	54,470	101	0	0	85,233
Revenue Bonds	1,884,620	5,127,995	965,052	1,714,353	3,195	0	0	2,682,600
<b>Total Funding Sources</b>	<b>2,949,790</b>	<b>8,026,285</b>	<b>1,510,490</b>	<b>2,683,290</b>	<b>5,000</b>	<b>0</b>	<b>0</b>	<b>4,198,780</b>

**Project Costs**

Planning	159,734	0	0	0	0	0	0	0
Design/ProjMgmt	595,843	292,110	101,800	0	0	0	0	101,800
Const/Equip	2,194,213	7,734,175	1,408,690	2,683,290	5,000	0	0	4,096,980
<b>Total Project Costs</b>	<b>2,949,790</b>	<b>8,026,285</b>	<b>1,510,490</b>	<b>2,683,290</b>	<b>5,000</b>	<b>0</b>	<b>0</b>	<b>4,198,780</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	1,500	2,750	4,250
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**Linnton Residential Sewer Rehab**

**Area:** NW  
Mandated

**Project Description**

This project is an outcome of the NW 110th Avenue Predesign and is part of the overall basin solution to solve the long standing sewer infiltration problems in the basin. In addition, the pipes included in this scope of work are either undersized and/or in poor condition and therefore this work is necessary to protect the assets of our existing system.

**Funding Sources**

Others Financing	190	1,060	0	0	0	1,079	16,341	17,420
Service Charges and Fees	3,201	17,754	0	0	0	18,121	274,344	292,465
Revenue Bonds	5,998	33,286	0	0	0	33,975	514,315	548,290
<b>Total Funding Sources</b>	<b>9,389</b>	<b>52,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>53,175</b>	<b>805,000</b>	<b>858,175</b>

**Project Costs**

Planning	3,174	0	0	0	0	3,175	0	3,175
Design/ProjMgmt	6,215	0	0	0	0	50,000	0	50,000
Const/Equip	0	52,100	0	0	0	0	805,000	805,000
<b>Total Project Costs</b>	<b>9,389</b>	<b>52,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>53,175</b>	<b>805,000</b>	<b>858,175</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Maintenance Capital - Construction</b>								
							<b>Area:</b>	<b>ALL</b>
								Repair/Maint
<b>Project Description</b>								
This is an ongoing capital project which supports normal Maintenance Bureau repairs or rehabilitation of existing sewer pipes in response to structural or hydraulic capacity deficiencies in the sewer system. As the system ages, it develops problems of a structural nature; and as development density increases, problems of a hydraulic nature develop. This program addresses collection system deficiencies that are smaller in scope than those which are normally contracted out and which can be accomplished with existing maintenance crews and equipment. Individual project activities are determined in response to problems identified by TV inspection and field investigations during the course of the year. In addition, this project includes sump construction conducted by BOM crews.								
<b>Funding Sources</b>								
Revenue Bonds	4,459,150	451,702	323,922	260,032	196,142	132,252	68,362	980,710
Service Charges and Fees	2,378,587	240,946	172,786	138,706	104,626	70,546	36,466	523,130
Others Financing	141,682	14,352	10,292	8,262	6,232	4,202	2,172	31,160
<b>Total Funding Sources</b>	<b>6,979,419</b>	<b>707,000</b>	<b>507,000</b>	<b>407,000</b>	<b>307,000</b>	<b>207,000</b>	<b>107,000</b>	<b>1,535,000</b>
<b>Project Costs</b>								
Planning	49,509	0	0	0	0	0	0	0
Design/ProjMgmt	510,448	7,000	7,000	7,000	7,000	7,000	7,000	35,000
Site Acquisition	12,882	0	0	0	0	0	0	0
Const/Equip	6,406,580	700,000	500,000	400,000	300,000	200,000	100,000	1,500,000
<b>Total Project Costs</b>	<b>6,979,419</b>	<b>707,000</b>	<b>507,000</b>	<b>407,000</b>	<b>307,000</b>	<b>207,000</b>	<b>107,000</b>	<b>1,535,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>12,000</b>	<b>18,000</b>	<b>24,000</b>	<b>30,000</b>	<b>36,000</b>	<b>120,000</b>
<b>Maintenance Capital - Contract</b>								
							<b>Area:</b>	<b>CC</b>
								Repair/Maint
<b>Project Description</b>								
The Maintenance Capital - Contract project supports privately contracted maintenance repair and reconstruction projects throughout the collection system. Due to the age of much of our inventory, structural failures, or near failures, localized flooding, and hydraulic capacity problems often occur during the year. Many of these are discovered through our routine TV sewer inspection program. Recent efforts have focussed on more accurately assessing the condition of our most critical pipe segments so that construction work can be directed most appropriately and effectively. Individual maintenance contract projects are identified annually in response to emergency structural or hydraulic capacity problems and other system deficiencies.								
<b>Funding Sources</b>								
Others Financing	274,876	19,995	20,300	20,300	20,300	20,300	20,300	101,500
Revenue Bonds	8,651,159	629,316	638,900	638,900	638,900	638,900	638,900	3,194,500
Service Charges and Fees	4,614,671	335,689	340,800	340,800	340,800	340,800	340,800	1,704,000
<b>Total Funding Sources</b>	<b>13,540,706</b>	<b>985,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>5,000,000</b>
<b>Project Costs</b>								
Planning	207,813	0	0	0	0	0	0	0
Design/ProjMgmt	817,329	163,501	0	0	0	0	0	0
Const/Equip	12,515,564	821,499	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
<b>Total Project Costs</b>	<b>13,540,706</b>	<b>985,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>5,000,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
N Omaha Sewer Reconstruction									
									Area: N
									Repair/Maint
Project Description									
This project will replace some of the more capacity limited and structurally deficient portions of the sewer collection system at N. Omaha. This project is located in the Kenton Basin, just north of the Riverside Basin. The sewer system within this area consists of smaller diameter pipes, mostly at the uppermost segment of the sewer system. One specific segment of pipe is located under a concrete planter strip and is riddled with large roots, broken joints and holes. The concrete planter strip is home to many large trees with thirsty roots, and the existing sewer system will continue to be fodder for the root systems until replaced.									
Funding Sources									
Service Charges and Fees	0	13,088	233,449	1,704	0	0	0	235,153	
Others Financing	0	779	13,905	101	0	0	0	14,006	
Revenue Bonds	0	24,535	437,646	3,195	0	0	0	440,841	
Total Funding Sources	0	38,402	685,000	5,000	0	0	0	690,000	
Project Costs									
Planning	0	12,618	0	0	0	0	0	0	
Design/ProjMgmt	0	25,784	20,000	0	0	0	0	20,000	
Const/Equip	0	0	665,000	5,000	0	0	0	670,000	
Total Project Costs	0	38,402	685,000	5,000	0	0	0	690,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
NE Stanton Sewer Reconstruction									
									Area: NE
									Repair/Maint
Project Description									
This project will replace some of the more capacity limited and structurally deficient portions of the collection system at NE Stanton in the Sullivan Basin. The existing vitrified clay mainline sewer was built in 1910. Spot repairs and reconstruction projects have been done in several areas of the collection systems. In addition, sumps were installed in 1994.									
Funding Sources									
Revenue Bonds	0	248,646	469,591	0	0	0	0	469,591	
Service Charges and Fees	0	132,633	250,489	0	0	0	0	250,489	
Others Financing	0	7,900	14,920	0	0	0	0	14,920	
Total Funding Sources	0	389,179	735,000	0	0	0	0	735,000	
Project Costs									
Planning	0	13,097	0	0	0	0	0	0	
Design/ProjMgmt	0	50,597	0	0	0	0	0	0	
Const/Equip	0	325,485	735,000	0	0	0	0	735,000	
Total Project Costs	0	389,179	735,000	0	0	0	0	735,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
NW Central Business District Basin Phases 1 - 6									
	Area:								CC
	Repair/Maint								
Project Description									
This project will restore the structural integrity and increase the flow capacity of the combined sewers within the NW CBD basin. The NW Central Business District (CBD) Basin is located in the northwest portion of downtown Portland. Properties in this vicinity have been served by a combined sewer system since the early settlement in 1867. Since this time, the area has been fully developed and the sewers have deteriorated, rendering the existing sewer system unable to provide adequate service. The NW CBD Predesign Report was developed to determine the extent of the improvements necessary to stabilize this sewer system, preventing system failure. The predesign report recommends six prioritized construction phases to correct the problems experienced in this basin.									
Funding Sources									
Others Financing	71,198	39,950	17,153	24,136	3,045	0	0	44,334	
Revenue Bonds	2,240,810	1,257,355	539,870	759,652	95,835	0	0	1,395,357	
Service Charges and Fees	1,195,286	670,695	287,977	405,212	51,120	0	0	744,309	
Total Funding Sources	3,507,294	1,968,000	845,000	1,189,000	150,000	0	0	2,184,000	
Project Costs									
Planning	84,413	0	0	0	0	0	0	0	
Design/ProjMgmt	301,651	96,000	80,000	71,000	0	0	0	151,000	
Const/Equip	3,121,230	1,872,000	765,000	1,118,000	150,000	0	0	2,033,000	
Total Project Costs	3,507,294	1,968,000	845,000	1,189,000	150,000	0	0	2,184,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**NW Combined Sewer Relief**

**Area:** **W**  
**Mandated**

**Project Description**

The Tanner B/Fremont/Nicolai Basins Combined Sewer Relief Project will begin with a pre-design study that will evaluate the effects of recent improvements in the basins under the Tanner Creek/River District projects and the Tanner Creek Sewer Separation program. The flow in the basin will be monitored to determine the true response of the system and calibrate the hydrologic and hydraulic models. Additional pipes not included in the Large Diameter Sewer Inspection project will be video inspected to evaluate the structural integrity of basin sewers. The pre-design report will define the scope of needed improvements, develop alternatives to correct system deficiencies, and present recommendations for design and construction projects in a phased prioritized approach for flexibility. Phased design and construction secondary projects will be budgeted in the 5-year CIP after completion of this pre-design report.

**Funding Sources**

Service Charges and Fees	38,379	118,860	51,540	0	0	0	0	51,540
Revenue Bonds	71,945	222,830	96,620	0	0	0	0	96,620
Others Financing	2,285	7,080	3,070	0	0	0	0	3,070
<b>Total Funding Sources</b>	<b>112,609</b>	<b>348,770</b>	<b>151,230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>151,230</b>
<b>Project Costs</b>								
Planning	108,342	348,770	151,230	0	0	0	0	151,230
Design/Proj/Mgmt	4,267	0	0	0	0	0	0	0
<b>Total Project Costs</b>	<b>112,609</b>	<b>348,770</b>	<b>151,230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>151,230</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Riverside Basin Combined Sewer Replacement								
	Area:							N
	Repair/Maint							
Project Description								
A predesign study and assessment of the combined sewer collection system within the Riverside Basin was completed in 1997. This study found through video inspection, field investigation, and review of maintenance records that there are significant structural problems within the piped collection system throughout the Riverside Basin. Recent collapse of portions of pipe in scattered areas of the basin and other system failures are attributed to the age of the system (87+ years), the methodology of pipe installation and quality of materials at the time the system was constructed. The Riverside Basin Combined Sewer Replacement and Rehabilitation (R & R) program has identified nineteen (19) secondary projects to meet the most critical basin needs. Seven of these were completed from 1998 to 2000.								
Funding Sources								
Service Charges and Fees	1,123,988	217,602	41,920	17,040	35,784	7,158	6,816	108,718
Revenue Bonds	2,107,147	407,937	78,584	31,945	67,085	13,416	12,778	203,808
Others Financing	66,951	12,961	2,496	1,015	2,131	426	406	6,474
Total Funding Sources	3,298,086	638,500	123,000	50,000	105,000	21,000	20,000	319,000
Project Costs								
Planning	108,638	0	0	0	0	0	0	0
Design/ProjMgmt	330,798	44,500	123,000	50,000	105,000	21,000	20,000	319,000
Const/Equip	2,858,650	594,000	0	0	0	0	0	0
Total Project Costs	3,298,086	638,500	123,000	50,000	105,000	21,000	20,000	319,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Sullivan Sewer Structural Rehab.								
	Area:							NE
	Repair/Maint							
Project Description								
This project is for the replacement or structural rehabilitation of 580 feet of existing 72-inch x 72 inch reinforced pipe in the Sullivan Gulch in the vicinity of NE 17th and Holladay/Multnomah Streets. This pipe is known as the Sullivan Gulch trunkline. It is a basket-handle conduit that is buried deep along the old north embankment of the Sullivan Gulch.								
Funding Sources								
Others Financing	34	10,109	4,161	9,135	0	0	0	13,296
Revenue Bonds	1,092	318,172	130,975	287,505	0	0	0	418,480
Service Charges and Fees	584	169,719	69,864	153,360	0	0	0	223,224
Total Funding Sources	1,710	498,000	205,000	450,000	0	0	0	655,000
Project Costs								
Planning	487	0	0	0	0	0	0	0
Design/ProjMgmt	1,223	0	105,000	0	0	0	0	105,000
Const/Equip	0	498,000	100,000	450,000	0	0	0	550,000
Total Project Costs	1,710	498,000	205,000	450,000	0	0	0	655,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Taggart B, C, &amp; D Basins R&amp;R</b>								
							Area: SE	
							Repair/Maint	
<b>Project Description</b>								
The Taggart B, C, & D Combined Sewer Basins are comprised of a 3190-acre area within the East Willamette Watershed in southeast Portland. The basins are bordered by the Willamette River on the west, SE 82nd Avenue on the east, SE Belmont Street on the north, and SE Holgate Boulevard on the south. The basins are served by a system of approximately 610,000 lineal feet of 6 to 120 inch diameter combination sewer, including CSO outfall #30. Much of this system is undersized and does not have the hydraulic capacity to convey the existing flows without significant basement flooding.								
<b>Funding Sources</b>								
Others Financing	2,434	6,490	48,720	4,202	0	0	0	52,922
Revenue Bonds	76,620	204,245	1,533,360	132,252	0	0	0	1,665,612
Service Charges and Fees	40,871	108,946	817,920	70,546	0	0	0	888,466
<b>Total Funding Sources</b>	<b>119,925</b>	<b>319,681</b>	<b>2,400,000</b>	<b>207,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,607,000</b>
<b>Project Costs</b>								
Planning	69,695	0	0	0	0	0	0	0
Design/ProjMgmt	44,958	319,681	0	0	0	0	0	0
Const/Equip	5,272	0	2,400,000	207,000	0	0	0	2,607,000
<b>Total Project Costs</b>	<b>119,925</b>	<b>319,681</b>	<b>2,400,000</b>	<b>207,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,607,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175</b>	<b>175</b>

**Taggart D Basin - Sewer Separation**

Area: SE  
Repair/Maint

**Project Description**

In 1987, the BES Public Facility Plan (PFP) identified the Taggart B, C, and D basins as a high priority combined sewer improvement area. This project will correct system deficiencies to eliminate basement flooding through the 25-year storm in the Taggart UD" Basin. This basin is a 1432-acre area located within the East Willamette Watershed in southeast Portland. It is bordered by the Willamette River on the west, SE 65th Avenue on the east, SE Belmont Street on the north, and SE Powell Boulevard on the south. This level of protection will greatly reduce flood damage to homes and businesses as presently exist and protect public health by reducing exposure to raw sewage.

**Funding Sources**

Others Financing	0	0	0	0	0	15,565	95,156	110,721
Service Charges and Fees	0	0	0	0	0	261,291	1,597,499	1,858,790
Revenue Bonds	0	0	0	0	0	489,844	2,994,845	3,484,689
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>766,700</b>	<b>4,687,500</b>	<b>5,454,200</b>

**Project Costs**

Planning	0	0	0	0	0	155,500	265,000	420,500
Design/ProjMgmt	0	0	0	0	0	596,200	1,050,300	1,646,500
Site Acquisition	0	0	0	0	0	15,000	10,000	25,000
Const/Equip	0	0	0	0	0	0	3,362,200	3,362,200
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>766,700</b>	<b>4,687,500</b>	<b>5,454,200</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

**Taggart D-SE Clinton St & 17th Ave Sewer Separation**

**Area:** SE  
Mandated

**Project Description**

In 1987, the BES Public Facility Plan (PFP) identified the Taggart B, C, and D basins as a high priority combined sewer improvement area. As a result, the Taggart B, C, & D Basins Sewer Relief and Reconstruction Pre-design Study was initiated. The plan was completed in June 2000. It provides a complete assessment of the Taggart B, C, and D combination sewer basins with recommendations for addressing basement flooding and other system problems in the area. The study identified the SE Clinton and SE 17th Sewer Separation project (TG-6) as the number one priority. The neighborhood character includes industrial, multifamily and single family residential use. The proximity of this project to the Taggart outfall necessitates completion prior to initiation of other stormwater separation projects in Taggart UD\* basin.

**Funding Sources**

Service Charges and Fees	44,349	149,975	0	0	17,040	1,840,320	0	1,857,360
Revenue Bonds	83,140	281,160	0	0	31,945	3,450,060	0	3,482,005
Others Financing	2,641	8,935	0	0	1,015	109,620	0	110,635
<b>Total Funding Sources</b>	<b>130,130</b>	<b>440,070</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>5,400,000</b>	<b>0</b>	<b>5,450,000</b>

**Project Costs**

Planning	16,134	0	0	0	0	0	0	0
Design/ProjMgmt	105,268	415,749	0	0	50,000	0	0	50,000
Site Acquisition	0	24,321	0	0	0	0	0	0
Const/Equip	8,728	0	0	0	0	5,400,000	0	5,400,000
<b>Total Project Costs</b>	<b>130,130</b>	<b>440,070</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>5,400,000</b>	<b>0</b>	<b>5,450,000</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Taggart Sewer Rehabilitation Project**

**Area:** SE  
Repair/Maint

**Project Description**

This project is part of the forty projects recommended in the Taggart B, C, and D Basins Sewer Relief and Reconstruction Predesign (Project No. 6067) to correct hydraulic deficiencies and basement flooding in the area. Included in this project are two sub-projects: SE Insley & 50th Sewer Rehabilitation project to replace 483 feet of structurally deficient 8-inch pipe and SE Lafayette Street & 22nd Sewer Rehabilitation project to replace 320 feet of structurally deficient 60-inch pipe and 220 feet of structurally deficient 8-inch pipe.

**Funding Sources**

Service Charges and Fees	0	71,553	0	0	0	15,337	176,194	191,531
Revenue Bonds	0	134,140	0	0	0	28,750	330,311	359,061
Others Financing	0	4,262	0	0	0	913	10,495	11,408
<b>Total Funding Sources</b>	<b>0</b>	<b>209,955</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>517,000</b>	<b>562,000</b>

**Project Costs**

Planning	0	14,239	0	0	0	14,000	0	14,000
Design/ProjMgmt	0	31,316	0	0	0	31,000	0	31,000
Const/Equip	0	164,400	0	0	0	0	517,000	517,000
<b>Total Project Costs</b>	<b>0</b>	<b>209,955</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>517,000</b>	<b>562,000</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Taylor Trunk Sewer Relief								
							Area: SW	
							Repair/Maint	
Project Description								
A Sanitary Sewer Evaluation Study was conducted that evaluated collection system hydraulics, infiltration and inflow characteristics, and structural condition of the Southwest Portland separated sewer system. The study identified 2,300 feet of the Taylor trunk, immediately downstream of the 31st and Multnomah diversion structure, as hydraulically deficient. The proposed project would increase the existing Taylor Trunk Sewer from 30 to 36 inches in diameter along Multnomah Boulevard between 22nd and 31st. The existing trunk in this area averages about 18 feet in depth from the crown to the ground surface.								
Funding Sources								
Revenue Bonds	9,361	51,112	608,232	0	0	0	0	608,232
Others Financing	297	1,624	19,325	0	0	0	0	19,325
Service Charges and Fees	4,995	27,264	324,443	0	0	0	0	324,443
Total Funding Sources	14,653	80,000	952,000	0	0	0	0	952,000
Project Costs								
Planning	87	0	0	0	0	0	0	0
Design/ProjMgmt	14,566	80,000	0	0	0	0	0	0
Const/Equip	0	0	952,000	0	0	0	0	952,000
Total Project Costs	14,653	80,000	952,000	0	0	0	0	952,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
TCWTP I&I Reduction Project								
							Area: SW	
							Repair/Maint	
Project Description								
This project will rebuild structurally deficient pipes in the collection system of the basin feeding the Tryon Creek Wastewater Treatment Plant. The 1999 Tryon Creek Wastewater Treatment Plant identified seven project to replace these pipes or increase capacity. Two of the projects, the Tryon Trunk Sewer Reconstruction project and the Tryon Trunk Sewer Replacement project, will be designed in FY 01 and constructed in FY 02. The remaining five projects are: SW Dosch Road Sewer Reconstruction project will replace 183 feet of structurally deficient 8-inch pipe, SW 29th Place Sewer Reconstruction project will replace 95 feet of structurally deficient 8-inch pipe, SW Capital Sewer Reconstruction project will replace 660 feet of structurally deficient 8-inch pipe, SW Mitchell Court Sewer Replacement project will replace 550 feet of 8-inch pipe with 12-inch to increase capacity, SW 40th Avenue Sewer Reconstruction project will replace 166 feet of structurally deficient 18-inch pipe.								
Funding Sources								
Others Financing	0	1,032	7,655	1,481	0	0	0	9,136
Service Charges and Fees	0	17,325	128,526	24,879	0	0	0	153,405
Revenue Bonds	0	32,482	240,946	46,640	0	0	0	287,586
Total Funding Sources	0	50,839	377,127	73,000	0	0	0	450,127
Project Costs								
Planning	0	13,976	0	0	0	0	0	0
Design/ProjMgmt	0	36,863	8,300	0	0	0	0	8,300
Const/Equip	0	0	368,827	73,000	0	0	0	441,827
Total Project Costs	0	50,839	377,127	73,000	0	0	0	450,127
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0



# Capital Improvement Plan — Public Utilities

## Bureau of Environmental Services

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

### Wheeler Structural Rehab.

Area: NE  
Repair/Maint

#### Project Description

This project is to structurally rehabilitate/replace 621 feet of the 62-inch brick and stone trunkline in Wheeler Basin. Per the BES Public Facilities Plan (PFP), July 1999, the Wheeler Basin has a high amount of system deficiencies, including a large number of basement flooding events, a low number of pipes in poor structural condition, and significant hydraulic capacity problems. Of critical structural and operational concern requiring maintenance is the 62-inch brick trunkline just downstream of the diversion structure. This pipe reach is proposed herein for structural rehabilitation.

#### Funding Sources

Revenue Bonds	695	341,811	102,224	351,395	0	0	0	453,619
Others Financing	22	10,860	3,248	11,165	0	0	0	14,413
Service Charges and Fees	372	182,329	54,528	187,440	0	0	0	241,968
<b>Total Funding Sources</b>	<b>1,089</b>	<b>535,000</b>	<b>160,000</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>710,000</b>

#### Project Costs

Planning	336	0	0	0	0	0	0	0
Design/ProjMgmt	753	0	120,000	0	0	0	0	120,000
Const/Equip	0	535,000	40,000	550,000	0	0	0	590,000
<b>Total Project Costs</b>	<b>1,089</b>	<b>535,000</b>	<b>160,000</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>710,000</b>

#### Fund Level Costs

Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

### Sewage Treatment Systems

#### CBWTP Aeration Basin Repairs

Area: N  
Repair/Maint

#### Project Description

This project will stop the deterioration of the eight aeration basins located at the Columbia Blvd. Wastewater Treatment Plant (CBWTP), by repairing cracks in the concrete walls and deteriorated expansion joints, and to stop deterioration of the concrete by applying a waterproof membrane to the interior of the structure. (The aeration basin structure consists of two sets of four tanks, which are nominally 20 feet deep, by 40 feet wide, by 400 feet long. The structure was put into service in 1972.)

#### Funding Sources

Revenue Bonds	0	0	76,668	76,668	76,668	76,668	1,612	308,284
Others Financing	0	0	2,436	2,436	2,436	2,436	51	9,795
Service Charges and Fees	0	0	40,896	40,896	40,896	40,896	861	164,445
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>2,524</b>	<b>482,524</b>

#### Project Costs

Const/Equip	0	0	120,000	120,000	120,000	120,000	2,524	482,524
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>2,524</b>	<b>482,524</b>

#### Fund Level Costs

Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>CBWTP Automation</b>								
							Area:	N
							Efficiency	
<b>Project Description</b>								
The CBWTP Automation Program is an on-going project, which makes automation improvements at the treatment plant. The potential benefits automation offers are increased organizational productivity, energy savings, and material or process cost reductions. A proactive approach to expanding the ability to monitor and control has been taken because of continued growth in the collection and treatment systems and the desire to maintain the current staffing levels, and potentially reduce the operations staffing level. Control and communications systems for existing facilities are being brought up to the level of the newer facilities installed with other major capital projects.								
<b>Funding Sources</b>								
Others Financing	17,734	3,259	812	487	487	487	0	2,273
Revenue Bonds	558,142	102,590	25,556	15,335	15,335	15,335	0	71,561
Service Charges and Fees	297,723	54,721	13,632	8,178	8,178	8,178	0	38,166
<b>Total Funding Sources</b>	<b>873,599</b>	<b>160,570</b>	<b>40,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>0</b>	<b>112,000</b>
<b>Project Costs</b>								
Planning	6,284	0	0	0	0	0	0	0
Design/Proj/Mgmt	87,665	0	0	0	0	0	0	0
Const/Equip	779,650	160,570	40,000	24,000	24,000	24,000	0	112,000
<b>Total Project Costs</b>	<b>873,599</b>	<b>160,570</b>	<b>40,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>0</b>	<b>112,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>CBWTP Lagoon Reconstruction</b>								
							Area:	N
							Repair/Maint	
<b>Project Description</b>								
The 1995 CBWTP Facilities Plan recommends that the existing lagoon be lined and compartmentalized to improve operational efficiency and to minimize the potential for adverse groundwater impacts. The existing 37-acre lagoon will be modified to a 30-acre lagoon and a wetland area will be restored at the southeast portion of the site. The 30-acre lagoon will have the ability to store up to a one-year production of biosolids in an emergency situation. The wetland restoration will provide environmental enhancement for the area between the lagoon and a portion of the 40-Mile Loop system. The Pre-design effort was completed in May 2000. The pre-design anticipates lining the lagoon with a 60 mil high-density polyethylene (HDPE) membrane, constructing 4 operating cells, storage of bottom solids in a monofill, and environmental enhancements.								
<b>Funding Sources</b>								
Service Charges and Fees	341,511	490,753	0	0	0	340,800	852,000	1,192,800
Others Financing	20,342	29,231	0	0	0	20,300	50,750	71,050
Revenue Bonds	640,231	920,016	0	0	0	638,900	1,597,250	2,236,150
<b>Total Funding Sources</b>	<b>1,002,084</b>	<b>1,440,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>2,500,000</b>	<b>3,500,000</b>
<b>Project Costs</b>								
Planning	317,898	0	0	0	0	0	0	0
Design/Proj/Mgmt	683,583	0	0	0	0	0	0	0
Const/Equip	603	1,440,000	0	0	0	1,000,000	2,500,000	3,500,000
<b>Total Project Costs</b>	<b>1,002,084</b>	<b>1,440,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>2,500,000</b>	<b>3,500,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
CBWTP Odor Control Projects								
Area:								N
								Mandated
Project Description								
This is a series of odor abatement projects for the Columbia Boulevard Wastewater Treatment Plant (CBWTP). The series of projects are community driven, are identified in the 1995 CBWTP Facilities Plan, and eliminate major odor sources as required by City Council Resolution No. 35453. Also, DEQ has the authority under OAR 340-20 to order abatement of nuisance odors. The objective of the projects is to eliminate major odor sources at the plant as part of the overall CBWTP odor control program. There is one remaining odor control project for the Anaerobic Digesters (D5-D8) defined in 1997 preliminary design work by CH2M HILL.								
Funding Sources								
Revenue Bonds	1,809,473	1,423,469	0	0	0	60,376	187,645	248,021
Service Charges and Fees	965,204	759,301	0	0	0	32,206	100,093	132,299
Others Financing	57,493	45,230	0	0	0	1,918	5,962	7,880
Total Funding Sources	2,832,170	2,228,000	0	0	0	94,500	293,700	388,200
Project Costs								
Planning	82,375	0	0	0	0	0	0	0
Design/ProjMgmt	977,145	0	0	0	0	94,500	0	94,500
Site Acquisition	5,000	0	0	0	0	0	0	0
Const/Equip	1,767,650	2,228,000	0	0	0	0	293,700	293,700
Total Project Costs	2,832,170	2,228,000	0	0	0	94,500	293,700	388,200
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	26,100	26,100
CBWTP Solids Management & Dewatering								
Area:								N
								Replacement
Project Description								
The 1995 CBWTP Facilities Plan and the 1997 CBWTP Site Master Plan recommend two future improvements to the solids processing systems to optimize the capacity of the existing equipment. The first improvement will add thickening equipment for thickening and recirculation of anaerobic digester solids. This improvement is called recuperative thickening and it allows longer solids retention in the anaerobic digesters. It postpones the need to add digester capacity by accomplishing longer solids retention times in the existing digester tanks. The second improvement adds a high pressure dewatering zone to the existing belt filter presses. This improvement allows the production of drier dewatered biosolids which will reduce operating costs.								
Funding Sources								
Service Charges and Fees	0	56,233	218,112	54,528	0	0	0	272,640
Revenue Bonds	0	105,418	408,896	102,224	0	0	0	511,120
Others Financing	0	3,349	12,992	3,248	0	0	0	16,240
Total Funding Sources	0	165,000	640,000	160,000	0	0	0	800,000
Project Costs								
Design/ProjMgmt	0	165,000	0	0	0	0	0	0
Const/Equip	0	0	640,000	160,000	0	0	0	800,000
Total Project Costs	0	165,000	640,000	160,000	0	0	0	800,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	(6,000)	(6,000)	(6,000)	(18,000)

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Pump Station Improvement Program</b>								
	<b>Area:</b>							ALL
								Repair/Maint
<b>Project Description</b>								
This is a continuing program to refurbish or upgrade pump stations that are not in compliance with present codes, are not operating in a reliable manner, need improvements because of growth in the receiving sewage basin, and/or are over 20 years old with out-of-date equipment. The City currently operates and maintains 96 pump stations. Many of these stations are aging, have out-of-date equipment, require maintenance, or need improvements to remain in compliance with present codes.								
<b>Funding Sources</b>								
Others Financing	293,545	30,450	24,360	24,360	24,360	24,360	24,360	121,800
Service Charges and Fees	4,928,089	511,200	408,960	408,960	408,960	408,960	408,960	2,044,800
Revenue Bonds	9,238,719	958,350	766,680	766,680	766,680	766,680	766,680	3,833,400
<b>Total Funding Sources</b>	<b>14,460,353</b>	<b>1,500,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>6,000,000</b>
<b>Project Costs</b>								
Planning	674,292	0	0	0	0	0	0	0
Design/ProjMgmt	3,747,386	109,495	300,000	300,000	300,000	300,000	300,000	1,500,000
Site Acquisition	520	0	0	0	0	0	0	0
Const/Equip	10,038,155	1,390,505	900,000	900,000	900,000	900,000	900,000	4,500,000
<b>Total Project Costs</b>	<b>14,460,353</b>	<b>1,500,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>6,000,000</b>
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Sullivan Pump Station Capital Repairs**

**Area:** NE  
Repair/Maint

**Project Description**

This is a project to replace the Sullivan Pump Station variable speed drives, pump controls, and make other modifications to the Sullivan Pump Station, which improve reliability and decrease maintenance requirements. The Sullivan Pump Station is the key pump station in conveying eastside flows to the CBWTP. Pump station malfunctions can easily result in bypasses to the Willamette River. (This was the case in January of 1999 when an estimated 1.6 million gallons of wastewater was by passed to the river and resulted in a \$4,200 fine from DEQ.

**Funding Sources**

Service Charges and Fees	0	0	64,752	68,160	238,560	514,608	0	886,080
Revenue Bonds	0	0	121,391	127,780	447,230	964,740	0	1,661,141
Others Financing	0	0	3,857	4,060	14,210	30,652	0	52,779
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>190,000</b>	<b>200,000</b>	<b>700,000</b>	<b>1,510,000</b>	<b>0</b>	<b>2,600,000</b>

**Project Costs**

Planning	0	0	80,000	0	0	0	0	80,000
Design/ProjMgmt	0	0	110,000	200,000	0	0	0	310,000
Const/Equip	0	0	0	0	700,000	1,510,000	0	2,210,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>190,000</b>	<b>200,000</b>	<b>700,000</b>	<b>1,510,000</b>	<b>0</b>	<b>2,600,000</b>

**Fund Level Costs**

<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**TCWTP Addition of a Third Secondary Clarifier**

**Area:** SW  
Expansion

**Project Description**

The 1999 TCWTP Facilities Plan prepared by CH2M HILL recommended addition of a third secondary clarifier to correct a reliability and redundancy deficiency. In addition, the third secondary clarifier is required to meet the demands of the EPA Class II Reliability and Redundancy Requirements. The additional clarifier will provide operational flexibility during routine maintenance on either of the two existing clarifiers. Currently, if one of the clarifiers needs repair or maintenance during high flow periods, the plant is in danger of violating its NPDES permit standards. The third clarifier will also provide additional treatment capacity during peak storm events and improve the quality of effluent, providing further protection to the environment.

**Funding Sources**

Revenue Bonds	0	0	0	0	78,075	105,100	835,042	1,018,217
Others Financing	0	0	0	0	2,480	3,340	26,532	32,352
Service Charges and Fees	0	0	0	0	41,645	56,060	445,426	543,131
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>122,200</b>	<b>164,500</b>	<b>1,307,000</b>	<b>1,593,700</b>

**Project Costs**

Planning	0	0	0	0	62,200	0	0	62,200
Design/ProjMgmt	0	0	0	0	60,000	164,500	75,000	299,500
Const/Equip	0	0	0	0	0	0	1,232,000	1,232,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>122,200</b>	<b>164,500</b>	<b>1,307,000</b>	<b>1,593,700</b>

<b>Fund Level Costs</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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<b>Oper &amp; Maint Costs</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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**Treatment Facilities - Rehab & Modification**

**Area:** ALL  
Repair/Maint

**Project Description**

The Repair, Rehabilitation and Modifications project provides for annual reinvestment in the treatment system. The project is set up to protect capital investment and to enhance system reliability at the sewage treatment facilities. It also provides the best management practice to prevent probable violations of NPDES permit. Both the Columbia and Tryon Creek treatment plants are aging facilities and therefore require a substantial amount of investment every year for repair, rehabilitation and maintenance work. This project would facilitate a rapid and practical response to replace capital equipment and upgrade aging facilities.

**Funding Sources**

Service Charges and Fees	3,389,246	408,960	408,960	408,960	408,960	408,960	408,960	2,044,800
Revenue Bonds	6,353,845	766,680	766,680	766,680	766,680	766,680	766,680	3,833,400
Others Financing	201,882	24,360	24,360	24,360	24,360	24,360	24,360	121,800
<b>Total Funding Sources</b>	<b>9,944,973</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>6,000,000</b>

**Project Costs**

Planning	334,759	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Design/ProjMgmt	1,440,390	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Const/Equip	8,169,824	950,000	950,000	950,000	950,000	950,000	950,000	4,750,000
<b>Total Project Costs</b>	<b>9,944,973</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>6,000,000</b>

<b>Fund Level Costs</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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<b>Oper &amp; Maint Costs</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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**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

**Surface Water Management**

**92nd Drive Water Quality Facility**

**Area:** SW  
Mandated

**Project Description**

This project consists of constructing a Water Quality Facility (WQF) near the northeast corner of NE 92nd Drive and Glass Plant Road. This WQF will be fed by a public storm sewer that drains NE Killingsworth Street and Columbia Boulevard, from the I-205 off-ramp to NE 82nd Avenue, and adjacent industrial properties, which discharges directly into the south arm of the Columbia Slough. This WQF will discharge treated stormwater to an emergent wetland (planted by BES FY 02) that drains into Johnson Lake. Johnson Lake is located east of the project site and drains into the south arm of the Columbia Slough. The Slough flows west along the north border of the project site.

**Funding Sources**

Revenue Bonds	0	0	105,418	0	0	12,778	17,250	135,446
Service Charges and Fees	0	0	56,233	0	0	6,816	9,202	72,251
Others Financing	0	0	3,349	0	0	406	548	4,303
<b>Total Funding Sources</b>	0	0	165,000	0	0	20,000	27,000	212,000

**Project Costs**

Planning	0	0	0	0	0	20,000	27,000	47,000
Site Acquisition	0	0	165,000	0	0	0	0	165,000
<b>Total Project Costs</b>	0	0	165,000	0	0	20,000	27,000	212,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Alsop-Brownwood Flood Mitigation & Restoration**

**Area:** SE  
Expansion

**Project Description**

The Alsop-Brownwood Site contains approximately 51 acres of undeveloped land on the main stem of Johnson Creek. This project site is located in the lower Powell Butte Target area from SE 158th Avenue to Circle Drive. Several properties originally under separate ownership makeup the project site. This project will address flooding, fish and wildlife habitat, and water quality problems in the Johnson Creek area. Improvements include optimizing flood storage, reconnecting wetlands and planting the flood bench with riparian trees and plants to provide shade, cover, riparian habitat, and a stable channel boundary.

**Funding Sources**

Service Charges and Fees	47,045	192,041	136,320	255,600	255,600	272,640	0	920,160
Revenue Bonds	88,195	360,020	255,560	479,175	479,175	511,120	0	1,725,030
Others Financing	2,802	11,439	8,120	15,225	15,225	16,240	0	54,810
<b>Total Funding Sources</b>	138,042	563,500	400,000	750,000	750,000	800,000	0	2,700,000

**Project Costs**

Planning	58,311	0	0	0	0	0	0	0
Design/ProjMgmt	79,436	563,500	200,000	0	0	0	0	200,000
Const/Equip	295	0	200,000	750,000	750,000	800,000	0	2,500,000
<b>Total Project Costs</b>	138,042	563,500	400,000	750,000	750,000	800,000	0	2,700,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	22,500	22,500
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**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Columbia Slough Watershed Revegetation Program								
	Area:	N						
	Mandated							
Project Description								
The Watershed Revegetation and Restoration Program will serve to directly address water quality problems associated with toxics, temperature, sedimentation, nutrient loading, dissolved oxygen, and pH in the Columbia Slough. The proposed revegetation program consists of 17 individual sites. Of these 17 sites, 3 will be used for filtering stormwater, 7 sites will restore wetlands, and the remaining 7 sites include riparian restoration and revegetation.								
Funding Sources								
Service Charges and Fees		162,905	85,200	68,160	17,040	6,816	85,200	267,529
Others Financing		9,705	5,075	4,060	1,015	406	5,075	15,935
Revenue Bonds		305,399	159,725	127,780	31,945	12,778	159,725	501,536
Total Funding Sources		478,009	250,000	200,000	50,000	20,000	250,000	785,000
Project Costs								
Const/Equip		478,009	250,000	200,000	50,000	20,000	250,000	785,000
Total Project Costs		478,009	250,000	200,000	50,000	20,000	250,000	785,000
Fund Level Costs		0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0
Fanno Creek Watershed Revegetation								
	Area:	SW						
	Mandated							
Project Description								
Fanno Creek and its tributaries are subject to the Oregon Department of Environmental Quality's (DEQ) water quality regulations for the Tualatin River. As such, Fanno Creek and its tributaries are subject to the basin's Total Maximum Daily Load (TMDL) for total phosphorous. In addition, Fanno Creek and its tributaries are on the DEQ's 303 (d) list for temperature, dissolved oxygen, and bacteria. DEQ is developing new TMDLs to address these additional water quality parameters. This project will plant trees and shrubs along mainstem and tributary corridors and in upland areas. Planting trees and shrubs will help to reduce view-to-sky by eventually closing the tree canopy over streams, thus, gradually reducing the daily mean and maximum temperatures to meet the TMDL requirements.								
Funding Sources								
Others Financing		0	1,800	1,760	1,760	1,760	1,760	8,800
Revenue Bonds		0	56,606	55,328	55,328	55,328	55,328	276,640
Service Charges and Fees		0	30,194	29,512	29,512	29,512	29,512	147,560
Total Funding Sources		0	88,600	86,600	86,600	86,600	86,600	433,000
Project Costs								
Const/Equip		0	88,600	86,600	86,600	86,600	86,600	433,000
Total Project Costs		0	88,600	86,600	86,600	86,600	86,600	433,000
Fund Level Costs		0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Fanno Creek WQ Improvement								
	Area:							SW
								Mandated
Project Description								
This project has two reaches of stream stabilization and streambank restoration, (approximately 6,600 lineal feet) which have been identified in the Public Facilities Plan (PFP) - Fanno Creek Resource Management Plan (RMP) (dated Feb.1998). The project areas are Shattuck Rd. to 45th Ave. and SW 45th to SW 39th. The project pre-design was completed in July 1999 and a report was prepared in accordance to established CIP Management Procedures. The major components of the project include streambank and bed stabilization and re-grading, velocity reduction in-stream measures, and improved wetland and riparian habitat. The components of this project will result in natural resource and habitat improvements. Implementation of this project would be an important component in meeting the Tualatin Basin Total Maximum Daily Load (TMDL).								
Funding Sources								
Revenue Bonds	285,633	343,401	126,502	0	0	0	0	126,502
Others Financing	9,075	10,911	4,019	0	0	0	0	4,019
Service Charges and Fees	152,362	183,177	67,479	0	0	0	0	67,479
Total Funding Sources	447,070	537,489	198,000	0	0	0	0	198,000
Project Costs								
Planning	152,565	0	0	0	0	0	0	0
Design/ProjMgmt	175,273	0	0	0	0	0	0	0
Site Acquisition	111,121	0	0	0	0	0	0	0
Const/Equip	8,111	537,489	198,000	0	0	0	0	198,000
Total Project Costs	447,070	537,489	198,000	0	0	0	0	198,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**JC Flood Mitigation Private Property Partnership**

**Area:** SE  
Mandated

**Project Description**

The Johnson Creek Restoration Plan calls for enhancement of floodplain, wetlands, and riparian areas by restoring the natural functions of Johnson Creek. These goals will be achieved in two ways. Large capital projects involving significant flood storage and enhancement will be done on properties purchased through the Willing Seller Program. Additional flood storage and enhancement will be achieved by establishing conservation easements with private property owners to enhance wetlands, terrace the stream channel and revegetate the riparian area with native plants.

**Funding Sources**

Service Charges and Fees	0	0	17,040	17,040	17,040	102,240	102,240	255,600
Revenue Bonds	0	0	31,945	31,945	31,945	191,670	191,670	479,175
Others Financing	0	0	1,015	1,015	1,015	6,090	6,090	15,225
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>300,000</b>	<b>300,000</b>	<b>750,000</b>
<b>Project Costs</b>								
Planning	0	0	50,000	50,000	50,000	0	0	150,000
Const/Equip	0	0	0	0	0	300,000	300,000	600,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>300,000</b>	<b>300,000</b>	<b>750,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>



**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Lents Crossing</b>								
							<b>Area:</b>	<b>SE</b>
								Expansion
<b>Project Description</b>								
This is a pipe replacement project for a large diameter pipe that sits in Johnson Creek. The Lents Crossing pipe is a 57" x 61" monolithic concrete pipe that crosses Johnson Creek. It was installed in the 1920s. WPA channelization of the creek and increased urbanization have altered the river's hydraulics, resulting in erosion of the creek. The pipe, which once was buried under five feet of riverbed, is now exposed and is sitting in the creek, acting as a low dam. The pipe is at risk of being undercut or broken. Flows in the pipe range from 6 to 20 mgd. If the pipe breaks it will discharge combined sewage directly into Johnson Creek. This project was initiated to eliminate the health and safety risk from the exposed pipe.								
<b>Funding Sources</b>								
Others Financing		3,215	30,246	35,423	2,131	0	0	37,554
Service Charges and Fees		53,973	507,793	594,697	35,784	0	0	630,481
Revenue Bonds		101,185	951,961	1,114,880	67,085	0	0	1,181,965
<b>Total Funding Sources</b>		<b>158,373</b>	<b>1,490,000</b>	<b>1,745,000</b>	<b>105,000</b>	<b>0</b>	<b>0</b>	<b>1,850,000</b>
<b>Project Costs</b>								
Planning		127,979	0	0	0	0	0	0
Design/ProjMgmt		29,993	0	0	0	0	0	0
Const/Equip		401	1,490,000	1,745,000	105,000	0	0	1,850,000
<b>Total Project Costs</b>		<b>158,373</b>	<b>1,490,000</b>	<b>1,745,000</b>	<b>105,000</b>	<b>0</b>	<b>0</b>	<b>1,850,000</b>
<b>Fund Level Costs</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Oper &amp; Maint Costs</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500</b>	<b>1,500</b>

**NE 148th Basin WQF Phase 2**

**Area:** NE  
Mandated

**Project Description**

This project entails designing and constructing a Water Quality Facility (WQF) for the NE 148th Avenue stormwater basin. The site for the WQF is just north of Sandy and west of NE 148th Avenue. The WQF will intercept stormwater from the 763-acre basin and treat it before discharge to the Columbia Slough. Water quality improvements from this project will improve fish and other aquatic habitat and increase the aesthetic and recreational value of the watershed by decreasing visual and odor problems. This WQF will provide partial compliance with the TMDLs, the NPDES MS4 permit, and the Columbia Slough Sediment Consent Order.

**Funding Sources**

Others Financing	0	0	0	0	0	2,740	2,259	4,999
Service Charges and Fees	0	0	0	0	0	46,009	37,932	83,941
Revenue Bonds	0	0	0	0	0	86,251	71,109	157,360
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>135,000</b>	<b>111,300</b>	<b>246,300</b>

**Project Costs**

Design/ProjMgmt	0	0	0	0	0	135,000	3,300	138,300
Const/Equip	0	0	0	0	0	0	108,000	108,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>135,000</b>	<b>111,300</b>	<b>246,300</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Res-JC Willing Seller Program								
	Area:							SE
								Expansion
Project Description								
The Johnson Creek Predesign has identified the Johnson Creek Willing Seller Program (WSP) as the recommended strategy for implementation of Predesign projects. Through the WSP, private property owners sell their property which floods frequently to BES. This project allows BES to assist people exposed to flooding and makes improvements to the natural environment by moving people out of flood hazard areas; permanently remove the flood damage potential to property and buildings; and to acquire land for use as passive flood storage, on-site stormwater quality treatment facilities, and improvements to fish and wildlife habitat.								
Funding Sources								
Revenue Bonds	31	191,670	191,670	12,778	12,778	383,340	383,340	983,906
Others Financing	0	6,090	6,090	406	406	12,180	12,180	31,262
Service Charges and Fees	18	102,240	102,240	6,816	6,816	204,480	204,480	524,832
Total Funding Sources	49	300,000	300,000	20,000	20,000	600,000	600,000	1,540,000
Project Costs								
Site Acquisition	49	300,000	300,000	20,000	20,000	600,000	600,000	1,540,000
Total Project Costs	49	300,000	300,000	20,000	20,000	600,000	600,000	1,540,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**RES-West Lents Flooding**

**Area:** SE  
Expansion

**Project Description**

The project area is located along the Johnson Creek corridor, bounded east to west by SE 92nd and SE 77th Avenues and north to south between SE Rural Street and SE Luther Road. This project is one of the four high priority projects identified in the Johnson Creek Predesign which lies within the City of Portland Urban Services Boundary. Improvements include stream bank stabilization, wetland, and enhanced storage capacity to reduce flood damages occurring in the area. In addition, the recommended improvements also provide water quality and environmental protection to fish and wildlife.

**Funding Sources**

Others Financing	20	15,225	0	0	0	10,150	10,150	20,300
Service Charges and Fees	340	255,600	0	0	0	170,400	170,400	340,800
Revenue Bonds	640	479,175	0	0	0	319,450	319,450	638,900
<b>Total Funding Sources</b>	<b>1,000</b>	<b>750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>1,000,000</b>
<b>Project Costs</b>								
Planning	0	250,000	0	0	0	0	0	0
Site Acquisition	1,000	495,000	0	0	0	500,000	500,000	1,000,000
Const/Equip	0	5,000	0	0	0	0	0	0
<b>Total Project Costs</b>	<b>1,000</b>	<b>750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>1,000,000</b>
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

**Slough Infrastructure: US Army COE Grant Project**

**Area:** NE  
Mandated

**Project Description**

This project will provide matching funds for 6 capital projects that would improve the water quality and wildlife habitat of the Columbia Slough. The project was initiated in FY 95/96, in response to a grant from the US Army Corps of Engineers for revitalization of 4 miles of the Lower Columbia Slough.

**Funding Sources**

Revenue Bonds	325,420	0	374,171	66,587	60,695	44,723	0	546,176
Service Charges and Fees	173,586	0	199,590	35,520	32,377	23,856	0	291,343
Others Financing	10,339	0	11,888	2,115	1,928	1,421	0	17,352
<b>Total Funding Sources</b>	<b>509,345</b>	<b>0</b>	<b>585,649</b>	<b>104,222</b>	<b>95,000</b>	<b>70,000</b>	<b>0</b>	<b>854,871</b>

**Project Costs**

Planning	507,417	0	0	0	0	0	0	0
Design/ProjMgmt	1,928	0	5,000	0	0	0	0	5,000
Site Acquisition	0	0	417,000	0	0	0	0	417,000
Const/Equip	0	0	163,649	104,222	95,000	70,000	0	432,871
<b>Total Project Costs</b>	<b>509,345</b>	<b>0</b>	<b>585,649</b>	<b>104,222</b>	<b>95,000</b>	<b>70,000</b>	<b>0</b>	<b>854,871</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Tideman Johnson Park**

**Area:** SE  
Expansion

**Project Description**

The project area is located along the Johnson Creek corridor, bounded east to west by SE 52nd and SE 41st Avenues and north to south between SE Crystal Springs Blvd. and SE Hamey Street. This project is one of the four high priority projects identified in the Johnson Creek Predesign which lies within the City of Portland Urban Services Boundary. Improvements include stream bank stabilization, wetland, enhanced storage capacity to reduce flood damages occurring in the area. In addition, the recommended improvements also provide water quality and environmental protection to fish and wildlife.

**Funding Sources**

Service Charges and Fees	0	170,400	68,160	6,816	6,816	238,560	228,337	548,689
Revenue Bonds	0	319,450	127,780	12,778	12,778	447,230	428,063	1,028,629
Others Financing	0	10,150	4,060	406	406	14,210	13,600	32,682
<b>Total Funding Sources</b>	<b>0</b>	<b>500,000</b>	<b>200,000</b>	<b>20,000</b>	<b>20,000</b>	<b>700,000</b>	<b>670,000</b>	<b>1,610,000</b>

**Project Costs**

Planning	0	0	200,000	20,000	20,000	700,000	670,000	1,610,000
Design/ProjMgmt	0	50,000	0	0	0	0	0	0
Site Acquisition	0	450,000	0	0	0	0	0	0
<b>Total Project Costs</b>	<b>0</b>	<b>500,000</b>	<b>200,000</b>	<b>20,000</b>	<b>20,000</b>	<b>700,000</b>	<b>670,000</b>	<b>1,610,000</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Tryon Creek Watershed Revegetation								
							Area:	SW
								Mandated
Project Description								
Tryon Creek is habitat to various species of resident fish and salmonids, and is affected by the steelhead listing under the ESA. Stream temperature is directly affected by the stream exposure to direct sunlight. A temperature TMDL will have stream shading through reducing view-to-sky and closing canopy as major components. As stream shading is a desired solution and will be a major component of compliance with a future temperature TMDL in Tryon Creek, it is essential for BES to proceed with achieving this objective in advance of a TMDL. Not achieving this solution and objective could be viewed as non-compliance with the TMDL and be subject to penalties under the Clean Water Act. It could also affect the City's ability to provide suitable habitat for the listed species of steelhead under the ESA.								
Funding Sources								
Revenue Bonds	0	42,167	42,167	42,167	42,167	42,167	42,167	210,835
Service Charges and Fees	0	22,494	22,494	22,494	22,494	22,494	22,494	112,470
Others Financing	0	1,339	1,339	1,339	1,339	1,339	1,339	6,695
Total Funding Sources	0	66,000	66,000	66,000	66,000	66,000	66,000	330,000
Project Costs								
Const/Equip	0	66,000	66,000	66,000	66,000	66,000	66,000	330,000
Total Project Costs	0	66,000	66,000	66,000	66,000	66,000	66,000	330,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Wapato Wetland Water Quality Facility								
							Area:	NE
								Mandated
Project Description								
This project consists of acquiring easements and installing a pollution reduction facility (PRF) in conjunction with the construction of a stormwater bioswale. This project will treat stormwater prior to discharge into one of Portland's most important jurisdictional wetlands. This project will also bring the outfall into conformity with the City's Mission Statement with regard to stormwater treatment. The Screening Level Risk Assessment identified outfall 55A in Wapato Wetlands, as a priority B site that means it is high on the list for potential environmental remediation								
Funding Sources								
Others Financing	442	1,687	406	0	0	913	0	1,319
Service Charges and Fees	7,430	28,332	6,816	0	0	15,337	0	22,153
Revenue Bonds	13,926	53,115	12,778	0	0	28,750	0	41,528
Total Funding Sources	21,798	83,134	20,000	0	0	45,000	0	65,000
Project Costs								
Planning	20,007	0	20,000	0	0	0	0	20,000
Design/ProjMgmt	1,738	7,134	0	0	0	0	0	0
Const/Equip	53	76,000	0	0	0	45,000	0	45,000
Total Project Costs	21,798	83,134	20,000	0	0	45,000	0	65,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Willamette Mainstem Early Action Revegetation									Area: ALL Mandated
Project Description									
This project focuses on improving water quality and fish and wildlife habitat at high priority sites adjacent or proximate to the Willamette River. Many of the natural bank areas are denuded or covered with invasive plants which provides a poor habitat for fish and wildlife. Approximately 7,000 to 9,400 lineal feet of riverbank, 50 to 75 acres of riparian area, wetlands, and steep slopes draining to the river will be revegetated with native species plants over the two-year period. Riparian vegetation will stabilize steep streambank slopes and protect them from incremental erosion. The revegetated sites also provide shading, a condition which benefit fish and wildlife.									
Funding Sources									
Others Financing	0	1,745	1,760	1,760	1,760	1,760	1,760	8,800	
Revenue Bonds	0	54,945	55,328	55,328	55,328	55,328	55,328	276,640	
Service Charges and Fees	0	29,310	29,512	29,512	29,512	29,512	29,512	147,560	
Total Funding Sources	0	86,000	86,600	86,600	86,600	86,600	86,600	433,000	
Project Costs									
Const/Equip	0	86,000	86,600	86,600	86,600	86,600	86,600	433,000	
Total Project Costs	0	86,000	86,600	86,600	86,600	86,600	86,600	433,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Systems Development**

**Bureau of Transportation Interagency (BTE I/A)**

**Area:** ALL  
Expansion

**Project Description**

This program provides for stormwater facility and sanitary sewer design, design review and construction inspection services associated with street improvement projects initiated by the Office of Transportation, Bureau of Transportation Engineering and Development (BTE&D). Street improvement projects are defined, initiated and managed by BTE&D from their Arterial and Local Design Engineering groups. These projects require the review, design, construction, and inspection of storm facilities and/or sanitary sewers to maintain consistent standards of quality and effective stormwater facilities for the City.

**Funding Sources**

Bureau Revenues	1,009,849	0	25,000	25,000	25,000	25,000	30,000	130,000
<b>Total Funding Sources</b>	1,009,849	0	25,000	25,000	25,000	25,000	30,000	130,000

**Project Costs**

Planning	51,374	0	0	0	0	0	0	0
Design/ProjMgmt	442,818	0	5,000	5,000	5,000	5,000	5,000	25,000
Const/Equip	515,657	0	20,000	20,000	20,000	20,000	25,000	105,000
<b>Total Project Costs</b>	1,009,849	0	25,000	25,000	25,000	25,000	30,000	130,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Commercial/Industrial Sanitary Sewer Extn Program</b>								
	<b>Area:</b>							ALL
								Expansion
<b>Project Description</b>								
The primary objective of this program is to make sanitary sewers available to commercial/ industrial zones which have been at least partially developed, use on-site septic systems, and which are not able to construct new on-site systems within the Oregon Department of Environmental Quality (DEQ) regulations due to locations or land constraints. This program seeks to construct infrastructure to allow commercial/ industrial facilities to obtain sanitary sewer service when needed and thus prevent creation of public health hazards. The Commercial Sewer Extension Program will allow construction of infrastructure for existing commercial/ industrial sites when a documented need for such facilities is established.								
<b>Funding Sources</b>								
Service Charges and Fees	260,115	0	143,817	497,058	303,654	475,417	475,417	1,895,363
Revenue Bonds	487,635	0	269,615	931,835	569,259	891,265	891,265	3,553,239
Others Financing	15,493	0	8,568	29,607	18,087	28,318	28,318	112,898
<b>Total Funding Sources</b>	<b>763,243</b>	<b>0</b>	<b>422,000</b>	<b>1,458,500</b>	<b>891,000</b>	<b>1,395,000</b>	<b>1,395,000</b>	<b>5,561,500</b>
<b>Project Costs</b>								
Planning	54,538	0	0	0	0	0	0	0
Design/ProjMgmt	143,911	0	40,000	100,000	100,000	100,000	100,000	440,000
Const/Equip	564,794	0	382,000	1,358,500	791,000	1,295,000	1,295,000	5,121,500
<b>Total Project Costs</b>	<b>763,243</b>	<b>0</b>	<b>422,000</b>	<b>1,458,500</b>	<b>891,000</b>	<b>1,395,000</b>	<b>1,395,000</b>	<b>5,561,500</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>2,000</b>	<b>3,000</b>	<b>4,000</b>	<b>5,000</b>	<b>5,000</b>	<b>19,000</b>
<b>Drainage Improvement Program (DIP)</b>								
	<b>Area:</b>							ALL
								Expansion
<b>Project Description</b>								
The Drainage Improvement Program (DIP) provides assistance to projects initiated through Local Improvement District (LID) or Public Works Permits processes for oversizing of storm drainage facilities or upgrading of existing public downstream drainage systems. This program was created in FY 90/91 in response to drainage improvement needs throughout the City.								
<b>Funding Sources</b>								
Others Financing	42,560	1,420	507	507	507	507	507	2,535
Revenue Bonds	1,339,506	44,723	15,973	15,973	15,973	15,973	15,973	79,865
Service Charges and Fees	714,517	23,857	8,520	8,520	8,520	8,520	8,520	42,600
<b>Total Funding Sources</b>	<b>2,096,583</b>	<b>70,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>125,000</b>
<b>Project Costs</b>								
Planning	12,572	0	0	0	0	0	0	0
Design/ProjMgmt	300,950	2,075	0	0	0	0	0	0
Site Acquisition	3,100	0	0	0	0	0	0	0
Const/Equip	1,779,961	67,925	25,000	25,000	25,000	25,000	25,000	125,000
<b>Total Project Costs</b>	<b>2,096,583</b>	<b>70,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>125,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Public Utilities

## Bureau of Environmental Services

### PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Local Improvement Districts									
									Area: ALL
									Expansion
Project Description									
The City uses the Local Improvement District (LID) process to authorize, finance, construct and assess the costs of local sewer improvements. Typically, the Council forms an LID at the request of a majority of affected property owners, based on property size. The Council assesses affected property owners for the true and actual cost of the improvement, immediately following construction. This program seeks to provide the best engineering services at a reasonable price to affected property owners, rate payers, and the general public. These projects expand the current facilities, providing needed infrastructure to help meet the city's in-fill and 2040 goals. The largest demand on this program will be for storm improvements for street/storm LIDs. Prior to FY 98/99, the design and construction inspection for this type of work was budgeted under our BTE Interagency Agreement (Project # 4895). Both BTE & D and BES agreed to carry their own design costs for these improvements during the design phase of an LID. This budget report includes the addition of this work herein.									
Funding Sources									
Others Financing	1,585	0	0	0	0	10,150	20,300	30,450	
Revenue Bonds	49,845	0	0	0	0	319,450	638,900	958,350	
Service Charges and Fees	26,587	0	0	0	0	170,400	340,800	511,200	
Total Funding Sources	78,017	0	0	0	0	500,000	1,000,000	1,500,000	
Project Costs									
Planning	6,896	0	0	0	0	0	0	0	
Design/ProjMgmt	46,062	0	0	0	0	50,000	200,000	250,000	
Site Acquisition	6,000	0	0	0	0	0	0	0	
Const/Equip	19,059	0	0	0	0	450,000	800,000	1,250,000	
Total Project Costs	78,017	0	0	0	0	500,000	1,000,000	1,500,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Permit Reimbursement									
									Area: ALL
									Expansion
Project Description									
This on-going program provides reimbursement to the developer of a public works permit sanitary sewer project for the value of in-lieu-of-assessment payments by nearby property owners who receive sewer service as part of the permit project. When public works permit projects are constructed by an individual developer, but benefit other properties, in-lieu-of-assessment charges are made to the benefiting property owners in accord with a City Code-defined process. Reimbursement to the developer is made upon completion and acceptance of the project. The purpose of this program is to acknowledge the benefits to adjacent property owners and the public sewer system of sanitary sewer facilities developed through the public works permit process. The City will recover the cost when the adjacent properties connect to the sewer and pay the in-lieu-of-assessment charges as defined in the Code. The reimbursement applies to the construction cost of the project only. The design/engineering cost is borne by the developer.									
Funding Sources									
Service Charges and Fees	225,508	47,712	13,632	13,632	13,632	13,632	13,632	68,160	
Revenue Bonds	422,760	89,446	25,556	25,556	25,556	25,556	25,556	127,780	
Others Financing	13,432	2,842	812	812	812	812	812	4,060	
Total Funding Sources	661,700	140,000	40,000	40,000	40,000	40,000	40,000	200,000	
Project Costs									
Planning	76,051	0	0	0	0	0	0	0	
Const/Equip	585,649	140,000	40,000	40,000	40,000	40,000	40,000	200,000	
Total Project Costs	661,700	140,000	40,000	40,000	40,000	40,000	40,000	200,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Permits</b>								
							<b>Area:</b>	<b>ALL</b>
								Expansion
<b>Project Description</b>								
This on-going, full cost recovery project supports new development within our service area by providing for new public sewer system facilities through the public works permitting process. The permit process is defined in Title 17, Chapter 17.24, Permits. When proposed development creates the need for additional sewer system facilities, private developers are required to construct those facilities under this program. As part of the permit process, BES reviews and approves both plans and final construction for compliance with system standards. Facilities developed through this process are accepted as part of the City's sewerage system when completed and approved.								
<b>Funding Sources</b>								
Service Charges and Fees	0	0	400,000	400,000	400,000	400,000	400,000	2,000,000
<b>Total Funding Sources</b>	0	0	400,000	400,000	400,000	400,000	400,000	2,000,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	20,000	20,000	20,000	20,000	20,000	100,000
Const/Equip	0	0	380,000	380,000	380,000	380,000	380,000	1,900,000
<b>Total Project Costs</b>	0	0	400,000	400,000	400,000	400,000	400,000	2,000,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	60,000	90,000	120,000	150,000	180,000	600,000
<b>Residential Sanitary Sewer Extension Program</b>							<b>Area:</b>	<b>ALL</b>
								Expansion
<b>Project Description</b>								
The Sewer Extension Program is designed to provide sewer service to the remaining developed but unsewered residential neighborhoods within the City of Portland. This program was developed at the direction of City Council to provide an alternative to the Local Improvement District (LID) process for extending sanitary sewers to developed residential areas. A major portion of the cost of improvements provided through this program is recovered from benefited property owners through line and branch charges.								
<b>Funding Sources</b>								
Service Charges and Fees	2,462,080	357,840	34,080	34,080	34,080	34,080	34,080	170,400
Others Financing	146,655	21,315	2,030	2,030	2,030	2,030	2,030	10,150
Revenue Bonds	4,615,676	670,845	63,890	63,890	63,890	63,890	63,890	319,450
<b>Total Funding Sources</b>	7,224,411	1,050,000	100,000	100,000	100,000	100,000	100,000	500,000
<b>Project Costs</b>								
Planning	261,991	47,644	0	0	0	0	0	0
Design/ProjMgmt	1,073,087	123,771	10,000	10,000	10,000	10,000	10,000	50,000
Site Acquisition	637	10,000	0	0	0	0	0	0
Const/Equip	5,888,696	868,585	90,000	90,000	90,000	90,000	90,000	450,000
<b>Total Project Costs</b>	7,224,411	1,050,000	100,000	100,000	100,000	100,000	100,000	500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	6,000	8,000	10,000	12,000	14,000	50,000



**Capital Improvement Plan — Public Utilities**  
**Bureau of Environmental Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>South Airport Sanitary Trunk Sewer</b>								
							<b>Area:</b>	<b>NE</b>
								<b>Expansion</b>
<b>Project Description</b>								
The objective of the South Airport Sanitary Trunk Sewer project is to provide needed design and construction for sanitary trunk sewers to serve the basin. (The project basin area is approximately 1,300 acres in NE Portland near Columbia Blvd from 42nd Avenue to Colwood Way, including a large area at the airport.) This project was initiated upon completion of the Sewerage Facilities Plan and associated Trunk Study, prepared by Murray, Smith and Associates, Inc. (MSA) in June 1996.								
<b>Funding Sources</b>								
Others Financing	14,746	22,411	80,693	47,664	3,653	0	0	132,010
Revenue Bonds	464,116	705,345	2,539,627	1,500,137	115,002	0	0	4,154,766
Service Charges and Fees	247,569	376,244	1,354,680	800,199	61,345	0	0	2,216,224
<b>Total Funding Sources</b>	<b>726,431</b>	<b>1,104,000</b>	<b>3,975,000</b>	<b>2,348,000</b>	<b>180,000</b>	<b>0</b>	<b>0</b>	<b>6,503,000</b>
<b>Project Costs</b>								
Planning	335,578	0	0	0	0	0	0	0
Design/ProjMgmt	267,784	170,000	289,000	3,000	0	0	0	292,000
Site Acquisition	113,849	102,000	150,000	0	0	0	0	150,000
Const/Equip	9,220	832,000	3,536,000	2,345,000	180,000	0	0	6,061,000
<b>Total Project Costs</b>	<b>726,431</b>	<b>1,104,000</b>	<b>3,975,000</b>	<b>2,348,000</b>	<b>180,000</b>	<b>0</b>	<b>0</b>	<b>6,503,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,000</b>	<b>12,000</b>	<b>21,250</b>	<b>22,000</b>	<b>67,250</b>

**Capital Improvement Plan — Public Utilities**  
**Bureau of Water Works**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

**Bull Run Supply Program**

**Bull Run Development**

**Area:** E  
Expansion

**Project Description**

This program investigates the feasibility of alternatives for expanding supply capacity from the Bull Run Watershed including raising Dam 2, modifying Bull Run Lake and constructing a third dam. Increased Bull Run capacity is needed to enhance fish flows and future supplement summer supply. Early phases of the project include feasibility and environmental studies as well as assessments of permits and licenses that may be required from the U.S. Forest Service, Federal Energy Regulatory Commission, Environmental Protection Agency, Department of Environmental Quality, and State Historic Preservation Office. Funding in later years is provided for the permitting, design and construction of the expansion of Dam No. 2.

**Funding Sources**

Revenue Bonds	0	100,000	200,000	500,000	200,000	0	0	900,000
Service Charges and Fees	0	70,000	100,000	350,000	283,000	305,000	1,021,000	2,059,000
<b>Total Funding Sources</b>	0	170,000	300,000	850,000	483,000	305,000	1,021,000	2,959,000

**Project Costs**

Planning	0	0	0	0	0	0	0	0
Design/ProjMgmt	0	170,000	300,000	850,000	483,000	305,000	1,021,000	2,959,000
Const/Equip	0	0	0	0	0	0	0	0
<b>Total Project Costs</b>	0	170,000	300,000	850,000	483,000	305,000	1,021,000	2,959,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Dams & Headworks Repair & Rehabilitation**

**Area:** E  
Repair/Maint

**Project Description**

This project provides for a condition assessment, Preliminary Engineering Study and Design for the ongoing repair and rehabilitation of dams and Headworks facilities, many of which are between 50 to 70 years old. To ensure the safe and reliable operation of these facilities and to protect the Bureau's investment, partial or total rehabilitation, repairs or replacements are needed. Replacement of the Headworks conduit intake and repairs to the Dam 2 Spillway Channel were recently completed.

**Funding Sources**

Revenue Bonds	0	310,000	50,000	60,000	50,000	80,000	305,000	545,000
<b>Total Funding Sources</b>	0	310,000	50,000	60,000	50,000	80,000	305,000	545,000

**Project Costs**

Design/ProjMgmt	0	30,000	10,000	20,000	10,000	40,000	55,000	135,000
Const/Equip	0	280,000	40,000	40,000	40,000	40,000	250,000	410,000
<b>Total Project Costs</b>	0	310,000	50,000	60,000	50,000	80,000	305,000	545,000

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>System Vulnerability Reduction</b>								
								<b>Area: E</b>
								Repair/Maint
<b>Project Description</b>								
This project is designed to implement improvements to reduce the vulnerability of the overall water system. The primary focus is on Bull Run Supply facilities vulnerability to disruption resulting from natural and man-caused hazards identified in the System Vulnerability Assessment, but also addresses other system-wide vulnerabilities. The conduit's vulnerabilities are addressed in a separate project, Conduit Vulnerability Reduction. One major project component addresses the inlet towers at Dam No. 2. The towers have vulnerabilities and are in need of rehabilitation and improvement to address operation and water quality concerns. Fish screens over the inlets may also be required on the towers. The project also addresses the inlet and outlet facilities at Dam No. 1. This 70-year-old facility is being assessed and maintenance or rehabilitation needs determined. The components of this project will ensure the safe and reliable operation of Bureau facilities and a safe and reliable supply of water from the Bull Run Watershed.								
<b>Funding Sources</b>								
Revenue Bonds	0	281,000	445,000	1,200,000	1,500,000	4,200,000	4,500,000	11,845,000
<b>Total Funding Sources</b>	0	281,000	445,000	1,200,000	1,500,000	4,200,000	4,500,000	11,845,000
<b>Project Costs</b>								
Design/ProjMgmt	0	250,000	365,000	800,000	600,000	700,000	300,000	2,765,000
Const/Equip	0	31,000	80,000	400,000	900,000	3,500,000	4,200,000	9,080,000
<b>Total Project Costs</b>	0	281,000	445,000	1,200,000	1,500,000	4,200,000	4,500,000	11,845,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Watershed Maintenance</b>								
								<b>Area: E</b>
								Repair/Maint
<b>Project Description</b>								
This program allocates funds for the capital projects necessary to maintain, improve and protect the Bull Run Watershed and facilities that are not directly related to the water supply system facilities.								
<b>Funding Sources</b>								
Revenue Bonds	39,415	99,900	460,000	350,000	350,000	350,000	350,000	1,860,000
Grants/Donations	0	0	0	100,000	130,000	0	0	230,000
<b>Total Funding Sources</b>	39,415	99,900	460,000	450,000	480,000	350,000	350,000	2,090,000
<b>Project Costs</b>								
Design/ProjMgmt	7,883	99,900	80,000	70,000	70,000	70,000	70,000	360,000
Const/Equip	31,532	0	380,000	380,000	410,000	280,000	280,000	1,730,000
<b>Total Project Costs</b>	39,415	99,900	460,000	450,000	480,000	350,000	350,000	2,090,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Conservation Program</b>								
<b>Industrial Conservation</b>								
								<b>Area: All</b>
								Efficiency
<b>Project Description</b>								
This project is a pilot program to provide incentives to industrial, commercial and government water users who install water conservation measures at their facilities. The loans will be repaid over a five to 10-year period. The process for evaluating and selecting recipients will be developed in conjunction with the City Attorney's Office. It is anticipated that the program will be self-perpetuating after 10 years. The City's water system will benefit from the cost-effective use of the existing supply by large users.								
<b>Funding Sources</b>								
Service Charges and Fees	3,841	0	0	112,000	30,000	30,000	30,000	202,000
<b>Total Funding Sources</b>	3,841	0	0	112,000	30,000	30,000	30,000	202,000
<b>Project Costs</b>								
Planning	590	0	0	0	0	0	0	0
Design/ProjMgmt	3,251	0	0	112,000	30,000	30,000	30,000	202,000
<b>Total Project Costs</b>	3,841	0	0	112,000	30,000	30,000	30,000	202,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Peak Offload / Backup Wells For Hospitals</b>								
							<b>Area:</b>	<b>All</b>
								Expansion
<b>Project Description</b>								
During the flood of 1996, the ensuing turbidity problems with the Bull Run water supply made it apparent that many local hospitals are in need of reliable emergency water supplies. In addition, hospitals need supplies for irrigation during summertime peaks. This project continues a partnership between the Water Bureau and metropolitan area hospitals to provide assistance for the construction of on-site water wells. This project accomplishes three goals: (1) reducing large summer irrigation peaking loads on the Bull Run, (2) providing emergency water supplies to area hospitals should there be problems with the supply system, and (3) making hospitals and other healthcare facilities independent of the Bureau's distribution system should the supply be contaminated. The project's primary benefit is to reduce future capital construction costs for the Bureau and reduce the need for Bureau-funded alternative distribution and supply systems routes to these facilities. One important additional benefit is healthcare facilities (especially the two trauma centers) will have secure water supplies in an emergency should the distribution system be contaminated by natural or human acts.								
<b>Funding Sources</b>								
Bureau Revenues	18,077	105,800	150,000	0	0	0	0	150,000
<b>Total Funding Sources</b>	18,077	105,800	150,000	0	0	0	0	150,000
<b>Project Costs</b>								
Planning	15,730	0	0	0	0	0	0	0
Design/ProjMgmt	2,347	105,800	30,000	0	0	0	0	30,000
Const/Equip	0	0	120,000	0	0	0	0	120,000
<b>Total Project Costs</b>	18,077	105,800	150,000	0	0	0	0	150,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

### Water Loss Reduction

**Area:** ALL  
Efficiency

#### Project Description

This project continues the Bureau's efforts to identify, quantify, and reduce water losses within the Distribution System, at City-owned facilities, and at facilities of large water customers. Project funding provides equipment for conducting leak surveys and some limited resources to correct leakage problems that are discovered in addition to the Bureau's ongoing distribution system leak detection and repair program. The new leak detection equipment will identify and pinpoint leaks, providing the Bureau's Geographic Information System with geographically distributed leak density data. This data will be analyzed and used to prioritize system maintenance activities. As part of this continuing project, analysis techniques will be developed to electronically compare customer billing data from the Customer Information System within a defined geographic area to Supervisory Control & Data Acquisition system flows into that area. This information will be used to focus leak detection efforts on areas that appear to have higher than average leakage rates.

#### Funding Sources

Service Charges and Fees	34,867	72,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Total Funding Sources</b>	34,867	72,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Project Costs</b>								
Design/ProjMgmt	34,867	72,000	40,000	40,000	40,000	40,000	40,000	200,000
Const/Equip	0	0	10,000	10,000	10,000	10,000	10,000	50,000
<b>Total Project Costs</b>	34,867	72,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

### Water Reuse & Alternate Use

Area: ALL  
Efficiency

#### Project Description

Two recent studies indicate that one of the most cost-effective ways to reduce municipal water use is to develop localized alternative water sources for irrigation and cooling that do not require treated water. This program continues a pilot project in the Rivergate Industrial District that began with the construction of a well that will supply water to several industrial customers and irrigation services in that area. Another project supports the design and construction of a non-potable well water system that will supply water for irrigation, cooling, and toilet flushing at the Portland International Center, a new large development near the Portland Airport. Finally, clean groundwater discovered during construction of the Westside Light Rail tunnel will be used to supply water to several of the Oregon Zoo's exhibits. The primary benefit of this program is the increased conservation of the City's water supply. The timing of these projects is dependent on the active participation by the other project sponsors in Port of Portland (for Rivergate, Portland International Center), and Metro (for the Oregon Zoo).

#### Funding Sources

Service Charges and Fees	160,168	0	0	208,000	208,000	0	0	416,000
<b>Total Funding Sources</b>	<b>160,168</b>	<b>0</b>	<b>0</b>	<b>208,000</b>	<b>208,000</b>	<b>0</b>	<b>0</b>	<b>416,000</b>

#### Project Costs

Design/ProjMgmt	160,168	0	0	15,000	15,000	0	0	30,000
Const/Equip	0	0	0	193,000	193,000	0	0	386,000
<b>Total Project Costs</b>	<b>160,168</b>	<b>0</b>	<b>0</b>	<b>208,000</b>	<b>208,000</b>	<b>0</b>	<b>0</b>	<b>416,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

### Distribution System Program

#### Automated Meter Reading (AMR)

Area: All  
Efficiency

#### Project Description

This project involves the continued evaluation of AMR technology for system-wide meter reading and the use of technology to resolve complications associated with hard-to-read meters. AMR technology increases meter reading efficiency and accuracy, increases employee and public safety (by reducing the hazards associated with reading/accessing meters), and reduces the Bureau's cost to read these meters. With the implementation of monthly billing, AMR will become a more viable economic alternative to manual methods.

#### Funding Sources

Revenue Bonds	545,045	67,000	100,000	100,000	100,000	0	0	300,000
<b>Total Funding Sources</b>	<b>545,045</b>	<b>67,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

#### Project Costs

Planning	11,763	0	0	0	0	0	0	0
Design/ProjMgmt	455,144	10,000	10,000	10,000	10,000	0	0	30,000
Const/Equip	78,138	57,000	90,000	90,000	90,000	0	0	270,000
<b>Total Project Costs</b>	<b>545,045</b>	<b>67,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>300,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			5-Year Total
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	
<b>BES Adjustments</b>								
<b>Area:</b>								ALL
								Mandated
<b>Project Description</b>								
This ongoing program provides for relocation and adjustment of water facilities, mostly in City streets, to accommodate storm drainage and sewer pipelines constructed by the Bureau of Environmental Services (BES) currently this is in response to the Combined Sewer Overflow (CSO) program. Reimbursement is expected for work performed under this project. However, the Bureau bears the costs of improvements intended to reduce future maintenance and repair and avoid disturbing newly constructed roads and pavement if they are performed in conjunction with these relocations. Key projects include Tanner Creek Phase 3 and 4, West Side Combined Sewer Overflow (CSO) Tunnel, SW Parallel Interceptor, Insley/Teggert Basins, Sullivan/Start/Holladay Basin CSO projects, Alder Basin Phase 5 and Carolina Basin project. A Utility Relocation Policy is being developed for the Water Bureau to fund a portion of relocation costs on BES and PDOT projects to cover the estimated benefit of additional useful life of replaced water lines. This is being addressed as a budget request package.								
<b>Funding Sources</b>								
Bureau Revenues	0	1,320,000	690,000	500,000	500,000	0	0	1,690,000
Revenue Bonds	0	25,000	395,000	0	0	0	0	395,000
<b>Total Funding Sources</b>	0	1,345,000	1,085,000	500,000	500,000	0	0	2,085,000
<b>Project Costs</b>								
Design/ProjMgmt	0	269,000	217,000	100,000	100,000	0	0	417,000
Const/Equip	0	1,076,000	868,000	400,000	400,000	0	0	1,668,000
<b>Total Project Costs</b>	0	1,345,000	1,085,000	500,000	500,000	0	0	2,085,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Distribution Mains</b>								
<b>Area:</b>								ALL
								Replacement
<b>Project Description</b>								
Approximately 12 miles of new and replacement mains are installed annually to support ongoing expansion, rehabilitation and replacement of the water distribution piping system and related appurtenances. The budget for the Distribution Mains Program was reduced by \$1.1 million in FY 2002-03 to provide resources for light rail and other transportation projects. The Bureau accomplishes these activities through the implementation of several sub-programs.								
<b>Funding Sources</b>								
Revenue Bonds	0	3,465,270	4,400,000	4,900,000	5,500,000	5,700,000	7,100,000	27,600,000
Bureau Revenues	0	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
<b>Total Funding Sources</b>	0	3,965,270	4,900,000	5,400,000	6,000,000	6,200,000	7,600,000	30,100,000
<b>Project Costs</b>								
Design/ProjMgmt	0	300,000	300,000	300,000	300,000	500,000	500,000	1,900,000
Const/Equip	0	3,665,270	4,600,000	5,100,000	5,700,000	5,700,000	7,100,000	28,200,000
<b>Total Project Costs</b>	0	3,965,270	4,900,000	5,400,000	6,000,000	6,200,000	7,600,000	30,100,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Equipment Purchases</b>								
<b>Area:</b>								All
								Repair/Maint
<b>Project Description</b>								
This program oversees equipment and furniture with a unit cost in excess of \$5,000, an expected life of one year or more, and which increases the Bureau's fixed assets. Computer software -- with a unit cost in excess of \$5,000 -- and vehicles, including heavy equipment, are also covered under the program.								
<b>Funding Sources</b>								
Revenue Bonds	0	1,452,000	1,925,000	1,928,000	2,837,000	1,818,000	2,181,000	10,689,000
<b>Total Funding Sources</b>	0	1,452,000	1,925,000	1,928,000	2,837,000	1,818,000	2,181,000	10,689,000
<b>Project Costs</b>								
Const/Equip	0	1,452,000	1,925,000	1,928,000	2,837,000	1,818,000	2,181,000	10,689,000
<b>Total Project Costs</b>	0	1,452,000	1,925,000	1,928,000	2,837,000	1,818,000	2,181,000	10,689,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>ODOT Adjustments</b>								
							<b>Area:</b>	<b>ALL</b>
								Mandated
<b>Project Description</b>								
This ongoing program provides for relocation and adjustment of water facilities in state highways, roads and freeways to accommodate Oregon Department of Transportation projects. Reimbursement is expected for work performed under this project. However, the Bureau bears the costs of improvements intended to reduce future maintenance and repair and avoid disturbing newly constructed roads and pavement if they are performed in conjunction with these relocations. The Bureau anticipates about 50 percent reimbursement overall for the program. Current projects include MLK/Grand Viaduct, East Columbia/Lombard Connection, continued construction of the Sylvan Interchange on Highway 26 and the Going Street Bridge Widening and Retrofit.								
<b>Funding Sources</b>								
Bureau Revenues	0	175,000	200,000	337,500	337,500	337,500	337,500	1,550,000
Revenue Bonds	0	175,000	200,000	337,500	337,500	337,500	337,500	1,550,000
<b>Total Funding Sources</b>	0	350,000	400,000	675,000	675,000	675,000	675,000	3,100,000
<b>Project Costs</b>								
Design/ProjMgmt	0	70,000	80,000	145,000	145,000	145,000	145,000	660,000
Const/Equip	0	280,000	320,000	530,000	530,000	530,000	530,000	2,440,000
<b>Total Project Costs</b>	0	350,000	400,000	675,000	675,000	675,000	675,000	3,100,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>PDOT Adjustments</b>								
							<b>Area:</b>	<b>ALL</b>
								Mandated
<b>Project Description</b>								
This ongoing program provides for relocation and adjustment of water facilities in City streets and roads to accommodate several City transportation projects managed by the Portland Department of Transportation (PDOT). These projects include improvements to streets, bridges, ramps, overpasses, and street car/rail projects. Reimbursement is expected for work performed under this program. The Bureau does bear the costs of improvements intended to reduce future maintenance and repair and avoid disturbing newly constructed roads and pavement if they are performed in conjunction with these relocations. A Utility Relocation Policy is being developed for the Water Bureau to fund a portion of relocation costs on BES and PDOT projects to cover the estimated benefit of additional useful life of replaced water lines. This is being addressed as a budget request package.								
<b>Funding Sources</b>								
Revenue Bonds	0	1,840,700	447,000	50,000	0	0	0	497,000
Bureau Revenues	0	37,000	105,000	0	0	0	0	105,000
<b>Total Funding Sources</b>	0	1,877,700	552,000	50,000	0	0	0	602,000
<b>Project Costs</b>								
Design/ProjMgmt	0	200,000	80,000	10,000	0	0	0	90,000
Const/Equip	0	1,677,700	472,000	40,000	0	0	0	512,000
<b>Total Project Costs</b>	0	1,877,700	552,000	50,000	0	0	0	602,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Pump Stations</b>								
							<b>Area:</b>	ALL
							<b>Objective(s):</b>	Replacement Efficiency
<b>Project Description</b>								
The Bureau operates and maintains more than 30 pump stations and 27 decorative fountains. This ongoing program ensures their continued reliable and efficient operation through major repairs, rehabilitation and replacement. The Distribution System Master Plan, that is scheduled to begin in 2002, will assess the facilities' changing needs and include an asset management program to ensure the effective use of funding as well as protect the Bureau's investment in these facilities. Repair and rehabilitation projects consist of planned and emergency rehabilitation, major repairs and replacement of pumps and motors, piping modifications, electrical and motor control system replacement and improvement, and other site and equipment rehabilitation. This work is prioritized annually. Key projects include Stephenson Pump Station Replacement, renovation of the Fulton Pump Station, replacement of the Greenleaf Pump Station and rehabilitation of the Burnside Pump Station.								
<b>Funding Sources</b>								
Revenue Bonds	0	226,500	255,000	790,000	352,000	330,000	910,000	2,637,000
<b>Total Funding Sources</b>	0	226,500	255,000	790,000	352,000	330,000	910,000	2,637,000
<b>Project Costs</b>								
Design/ProjMgmt	0	100,000	85,000	145,000	192,000	130,000	210,000	762,000
Const/Equip	0	126,500	170,000	645,000	160,000	200,000	700,000	1,875,000
<b>Total Project Costs</b>	0	226,500	255,000	790,000	352,000	330,000	910,000	2,637,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Renew Hydrants</b>								
							<b>Area:</b>	ALL
								Repair/Maint
<b>Project Description</b>								
This project involves replacing fire hydrants many of which are more than 40 years old and repair parts are no longer available. By standardizing hydrant types and updating the oldest, the ability to provide fire protection will be improved and hydrants can be more efficiently maintained and repaired.								
<b>Funding Sources</b>								
Revenue Bonds	0	396,000	700,000	700,000	700,000	700,000	700,000	3,500,000
<b>Total Funding Sources</b>	0	396,000	700,000	700,000	700,000	700,000	700,000	3,500,000
<b>Project Costs</b>								
Design/ProjMgmt	0	76,000	140,000	140,000	140,000	140,000	140,000	700,000
Const/Equip	0	320,000	560,000	560,000	560,000	560,000	560,000	2,800,000
<b>Total Project Costs</b>	0	396,000	700,000	700,000	700,000	700,000	700,000	3,500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Tanks</b>								
							<b>Area:</b>	ALL
								Replacement
<b>Project Description</b>								
This program provides for construction of new water storage tanks and the rehabilitation of the Bureau's more than 70 existing tanks that help ensure the system's high level of reliability. In addition to new tanks for areas of growing demand and changing demographics, the program funds rehabilitation and improvements to tanks that are seismically unstable, undersized, structurally inadequate or need repainting. Storage tanks with overflow and drain systems that could damage property and violate the new state and federal regulations are addressed. The Distribution System Master Plan is scheduled to begin in 2002, will assess the facilities' changing needs and include an asset management program to ensure an effective use of funding as well as protect the Bureau's investment in these facilities.								
<b>Funding Sources</b>								
Service Charges and Fees	0	0	0	0	0	0	0	0
Revenue Bonds	0	368,100	140,000	190,000	190,000	235,000	650,000	1,405,000
<b>Total Funding Sources</b>	0	368,100	140,000	190,000	190,000	235,000	650,000	1,405,000
<b>Project Costs</b>								
Design/ProjMgmt	0	90,000	28,000	80,000	70,000	115,000	485,000	778,000
Site Acquisition	0	0	0	0	0	0	0	0
Const/Equip	0	278,100	112,000	110,000	120,000	120,000	165,000	627,000
<b>Total Project Costs</b>	0	368,100	140,000	190,000	190,000	235,000	650,000	1,405,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0



# Capital Improvement Plan — Public Utilities

## PROJECT DETAIL

### Bureau of Water Works

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Transmission Mains</b>								
							<b>Area:</b>	<b>ALL</b>
								Replacement
<b>Project Description</b>								
This ongoing program constructs new and replacement pipelines that provide adequate and reliable quantities of water to distribution system pressure zones and storage tanks. The program maintains the backbone transmission pipeline network. Most of the pipelines in this program are new to supply areas that currently have insufficient supply, were annexed, or needed to meet growing demands or changing demographics. The program also includes maintenance to prevent corrosive deterioration and replace key valves and appurtenances. System priorities and project costs, and benefits are used to assess needs and develop priorities. The Distribution System Master Plan, which is scheduled to begin in the near future, will assess the facilities' changing needs and includes an asset management program to ensure an effective use of funding as well as protect the Bureau's investment in these facilities.								
<b>Funding Sources</b>								
Revenue Bonds	0	169,400	657,000	1,225,000	1,567,000	3,771,000	3,323,000	10,543,000
Service Charges and Fees	0	0	0	0	0	0	0	0
<b>Total Funding Sources</b>	0	169,400	657,000	1,225,000	1,567,000	3,771,000	3,323,000	10,543,000
<b>Project Costs</b>								
Design/ProjMgmt	0	75,000	220,000	525,000	625,000	700,000	1,000,000	3,070,000
Const/Equip	0	94,400	437,000	700,000	942,000	3,071,000	2,323,000	7,473,000
<b>Total Project Costs</b>	0	169,400	657,000	1,225,000	1,567,000	3,771,000	3,323,000	10,543,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Utility Line Relocations</b>								
							<b>Area:</b>	<b>All</b>
								Efficiency
<b>Project Description</b>								
This new service level package provides for funding of internal city utility relocations required by internal city projects. The three infrastructure bureaus (BES, PDOT, and Water) have agreed to a utility relocation methodology which includes, in part, for Water to fund a portion of relocation costs on BES and PDOT projects to cover the estimated benefit to Water of the additional useful life of the replaced waterline. The estimated rate impact of this methodology is \$2.5 million per year. This estimate will be trued-up at year-end as actual relocation costs will likely vary from year to year based on BES and PDOT project schedules. This will provide BES and PDOT some consistency and reliability in partial funding of utility relocations.								
<b>Funding Sources</b>								
Revenue Bonds	0	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
<b>Total Funding Sources</b>	0	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	150,000	150,000	150,000	150,000	150,000	750,000
Const/Equip	0	0	2,350,000	2,350,000	2,350,000	2,350,000	2,350,000	11,750,000
<b>Total Project Costs</b>	0	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Water Services</b>								
							<b>Area:</b>	<b>ALL</b>
								Repair/Maint
<b>Project Description</b>								
This program provides for installation of new water services, replacement of existing water services and replacement of water meters. The project is similar to the Distribution Main program in that it provides for construction of new water services requested by customers for new development as well as redevelopment, and the requesting customer reimburses the costs of new services. Besides the installation of new services, the program provides for the replacement of old and leaking water services between the main and the meter. The program also provides for the replacement of old, obsolete and under registering water meters. Some meters must be replaced because repair parts are no longer available; for others there is a point where the cost of loss of accuracy and the cost of repairs exceeds the replacement cost.								
<b>Funding Sources</b>								
Revenue Bonds	0	930,000	1,330,000	1,030,000	1,030,000	1,030,000	1,030,000	5,450,000
Bureau Revenues	0	1,516,800	1,500,000	1,800,000	1,800,000	1,800,000	1,800,000	8,700,000
<b>Total Funding Sources</b>	0	2,446,800	2,830,000	2,830,000	2,830,000	2,830,000	2,830,000	14,150,000
<b>Project Costs</b>								
Design/ProjMgmt	0	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Const/Equip	0	2,146,800	2,530,000	2,530,000	2,530,000	2,530,000	2,530,000	12,650,000
<b>Total Project Costs</b>	0	2,446,800	2,830,000	2,830,000	2,830,000	2,830,000	2,830,000	14,150,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

## Groundwater Supply Program

### Groundwater System Upgrade

**Area:** NE  
Expansion

#### Project Description

The Bureau will upgrade the groundwater supply system to increase its reliable yield from 75 to 100 million gallons per day (mgd). Capacity will be increased by rehabilitating/modifying existing wells, adding new wells to the system, Aquifer Storage and Recovery (ASR) pilot testing, and improving pipeline capacities. The addition of new wells consists of testing possible locations, drilling production wells, constructing improvements, and constructing pipelines to the new wells. Pilot testing of two to five existing wells, including modifications at the Groundwater Pump Station needed to facilitate injection of Bull Run water, is proposed for initial ASR development. Evaluations will be completed as work progresses to ensure that the most effective approach to achieving specified reliability at the least cost is being implemented. Data from studies to be completed on manganese treatment and ASR pilot testing will be used to adjust expansion needs as appropriate.

#### Funding Sources

Revenue Bonds	3,456,463	1,427,400	3,172,000	3,665,000	5,300,000	3,200,000	1,530,000	16,867,000
<b>Total Funding Sources</b>	3,456,463	1,427,400	3,172,000	3,665,000	5,300,000	3,200,000	1,530,000	16,867,000
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	0	0
Design/ProjMgmt	548,381	625,000	495,000	1,000,000	700,000	480,000	300,000	2,975,000
Site Acquisition	0	0	400,000	200,000	0	0	0	600,000
Const/Equip	2,908,082	802,400	2,277,000	2,465,000	4,600,000	2,720,000	1,230,000	13,292,000
<b>Total Project Costs</b>	3,456,463	1,427,400	3,172,000	3,665,000	5,300,000	3,200,000	1,530,000	16,867,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

## PROJECT DETAIL

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Small Wells Study & Renovation Analysis								
							Area:	ALL
								Repair/Maint
Project Description								
An assessment of the Bureau's small wells identified seven wells to be decommissioned and eight wells that must be rebuilt for water quality testing, to provide an emergency source, or reconstructed as non-potable water sources. Two wells have subsequently been improved and connected to the groundwater system under another project. Improvements to the remaining six wells have been prioritized and sequenced over the next several years.								
Funding Sources								
Service Charges and Fees	99,116	20,000	50,000	50,000	50,000	50,000	50,000	250,000
Total Funding Sources	99,116	20,000	50,000	50,000	50,000	50,000	50,000	250,000
Project Costs								
Planning	28,742	0	0	0	0	0	0	0
Design/ProjMgmt	23,460	10,000	10,000	10,000	10,000	10,000	10,000	50,000
Const/Equip	46,914	10,000	40,000	40,000	40,000	40,000	40,000	200,000
Total Project Costs	99,116	20,000	50,000	50,000	50,000	50,000	50,000	250,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Wellfield Rehabilitation								
							Area:	NE
								Repair/Maint
Project Description								
This ongoing program provides for rehabilitation and improvements to the Bureau's Columbia South Shore Wellfield, which is the backup water supply for the City and its wholesale customers. Maintenance projects include pump and motor overhauls, well testing and re-development, pump station upgrades, and wellhead upgrades. The program is proposed to address two to four wells per year and rotate through the entire wellfield once approximately every 10 years.								
Funding Sources								
Revenue Bonds	0	97,700	440,000	300,000	300,000	350,000	645,000	2,035,000
Total Funding Sources	0	97,700	440,000	300,000	300,000	350,000	645,000	2,035,000
Project Costs								
Design/ProjMgmt	0	90,000	60,000	60,000	60,000	110,000	150,000	440,000
Site Acquisition	0	0	0	0	0	0	0	0
Const/Equip	0	7,700	380,000	240,000	240,000	240,000	495,000	1,595,000
Total Project Costs	0	97,700	440,000	300,000	300,000	350,000	645,000	2,035,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Operations & Control Facilities								
Building Maintenance								
							Area:	All
								Repair/Maint
Project Description								
This project provides for the capital maintenance of buildings and grounds owned by the Bureau. Necessary structural repair and maintenance of buildings and grounds includes electrical, roofing, paving, and remodeling work. Also included are repairs due to vandalism, compliance with safety and access regulations, and other related tasks. Current work includes: building modifications necessary for compliance with the Americans with Disabilities Act (ADA); completion of office space remodeling in the Portland Building; roofing repairs for several facilities; and the removal of seismic hazards to employees and equipment at various facilities. Project activities will help ensure compliance with applicable regulations while making cost-effective repairs to correct or prevent damage to Bureau facilities.								
Funding Sources								
Service Charges and Fees	0	75,000	25,000	75,000	0	0	0	100,000
Revenue Bonds	0	96,900	150,000	200,000	200,000	200,000	200,000	950,000
Total Funding Sources	0	171,900	175,000	275,000	200,000	200,000	200,000	1,050,000
Project Costs								
Design/ProjMgmt	0	101,900	55,000	115,000	60,000	60,000	60,000	350,000
Const/Equip	0	70,000	120,000	160,000	140,000	140,000	140,000	700,000
Total Project Costs	0	171,900	175,000	275,000	200,000	200,000	200,000	1,050,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Interstate Site Plan Improvements</b>								
	<b>Area:</b>							NE
								Repair/Maint
<b>Project Description</b>								
The purpose of this project is to develop and implement repairs, rehabilitation, and improvements that will increase the efficiency and utility of the Bureau's operation facilities located on N. Interstate Avenue. The project is comprised of a number of components: (1) Interstate Site Plan provides for the development of a master plan that will improve the Bureau's existing Interstate properties, including options for moving a majority of the current office staff from the Portland Building to the Interstate site. (2) Seismic Upgrade funds the upgrade of the Interstate facility for employee safety and to prevent structural failures that could be caused by earthquakes. (3) Emergency Operations Center funds the design and construction of a future permanent emergency response facility to replace temporary facilities at the Bureau's Interstate Complex. (4) Foundry Purchase funds the purchase and demolition of a small piece of property located adjacent to Bureau-owned properties that are blocking access, and the ability to further develop the Interstate site. (5) Paint Shop funds the design and construction of a new painting facility in conjunction with the overall Interstate site development. (6) Interstate Security System funds lighting improvements, installation of six card system gates, installation of camera surveillance equipment, motion detectors, and a study of security needs at the Interstate Complex. (7) Westinghouse Warehouse Demolition funds the demolition of an old warehouse on property acquired adjacent to the Interstate site that is structurally unstable and has been contaminated by hazardous material previously stored in the structure.								
<b>Funding Sources</b>								
Revenue Bonds	1,014,114	208,290	500,000	600,000	430,000	1,630,000	1,500,000	4,660,000
Service Charges and Fees	0	49,310	20,000	0	0	0	0	20,000
<b>Total Funding Sources</b>	<b>1,014,114</b>	<b>257,600</b>	<b>520,000</b>	<b>600,000</b>	<b>430,000</b>	<b>1,630,000</b>	<b>1,500,000</b>	<b>4,680,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	127,463	45,000	120,000	140,000	230,000	350,000	300,000	1,140,000
Site Acquisition	721,381	0	0	0	0	0	0	0
Const/Equip	165,270	212,600	400,000	460,000	200,000	1,280,000	1,200,000	3,540,000
<b>Total Project Costs</b>	<b>1,014,114</b>	<b>257,600</b>	<b>520,000</b>	<b>600,000</b>	<b>430,000</b>	<b>1,630,000</b>	<b>1,500,000</b>	<b>4,680,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Microwave Communications System</b>								
	<b>Area:</b>							ALL
								Replacement
<b>Project Description</b>								
This project will strengthen weak and unsecured communication links between several Bureau facilities. Future phases of the project will include the evaluation and upgrade of communications capabilities at remote Bureau facilities, such as the Sandy River Station, Lusted Hill, Groundwater Pump Station and the Powell Butte Reservoir. The project objectives are to improve employee safety at remote facilities, provide for the early detection of forest fires and suspicious activities at remote sites, and reduce the potential for vandalism and other unauthorized acts at or to Bureau facilities. The project will reduce the need for leased phone lines, resulting in substantial cost-savings that will offset ongoing maintenance expenses for the microwave system. In addition, the project will provide for more security for the Bureau's communication, data and Supervisory Control and Data Acquisition links.								
<b>Funding Sources</b>								
Revenue Bonds	1,252,317	0	0	0	0	100,000	250,000	350,000
<b>Total Funding Sources</b>	<b>1,252,317</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>250,000</b>	<b>350,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	786,000	0	0	0	0	100,000	50,000	150,000
Const/Equip	466,317	0	0	0	0	0	200,000	200,000
<b>Total Project Costs</b>	<b>1,252,317</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>250,000</b>	<b>350,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5-Year Total	

#### Water Control Center

Area: ALL  
Repair/Maint

##### Project Description

The central control and monitoring system is maintained and expanded through this program. The Bureau's Supervisory Control and Data Acquisition (SCADA) system is networked with remote telemetry units (RTUs) installed in pump stations, tanks, valves and at other sites throughout the water system through a series of telephone, microwave and radio links. This program provides for the water system's operational reliability and efficiency by ensuring that a dependable SCADA system and communications network is developed and maintained. A key focus of this project will be to replace the remote telemetry units at the Bureau's approximately 100 remote sites. The existing units are over 15 years old and are becoming obsolete.

##### Funding Sources

Revenue Bonds	0	54,000	147,000	372,000	522,000	597,000	522,000	2,160,000
<b>Total Funding Sources</b>	<b>0</b>	<b>54,000</b>	<b>147,000</b>	<b>372,000</b>	<b>522,000</b>	<b>597,000</b>	<b>522,000</b>	<b>2,160,000</b>

##### Project Costs

Design/ProjMgmt	0	14,000	27,000	52,000	99,000	94,000	92,000	364,000
Const/Equip	0	40,000	120,000	320,000	423,000	503,000	430,000	1,796,000
<b>Total Project Costs</b>	<b>0</b>	<b>54,000</b>	<b>147,000</b>	<b>372,000</b>	<b>522,000</b>	<b>597,000</b>	<b>522,000</b>	<b>2,160,000</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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#### Westside Maintenance Operations Facility

Area: SW  
Replacement

##### Project Description

This project evaluates locations and design options for a satellite operations and maintenance facility with emergency operations capabilities on the west side of the Willamette River. Property acquisition, design, and construction of the facility will follow. The primary benefit of the proposed facility is improved system reliability during emergency operations and improved efficiency of the Bureau's normal maintenance work on the Willamette's west side. The project is anticipated to lower the Bureau's ongoing maintenance costs.

##### Funding Sources

Revenue Bonds	1,900	0	0	0	0	0	50,000	50,000
<b>Total Funding Sources</b>	<b>1,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>

##### Project Costs

Planning	1,900	0	0	0	0	0	0	0
Design/ProjMgmt	0	0	0	0	0	0	50,000	50,000
Const/Equip	0	0	0	0	0	0	0	0
<b>Total Project Costs</b>	<b>1,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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#### Planning & Management Program

##### Asset Management Program

Area: ALL  
Efficiency

##### Project Description

The estimated engineering replacement value for the City's water system is more than \$1 billion. To protect this investment and manage it cost-effectively and proactively, the Bureau plans to develop a structured asset management program that will optimize the life-cycle costs of physical assets through the appropriate level of maintenance rehabilitation and replacement. The asset management system will provide lifecycle coverage of infrastructure asset, starting with design and construction and continuing through reconstruction or replacement. This will minimize the effects of premature replacement or continuing to maintain facilities beyond their useful life. In addition, an effective asset management program will allow the Bureau to more effectively compete for federal and state funds for water infrastructure improvements.

##### Funding Sources

Service Charges and Fees	0	0	0	0	200,000	200,000	200,000	600,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>600,000</b>

##### Project Costs

Design/ProjMgmt	0	0	0	0	200,000	200,000	200,000	600,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>600,000</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Bulk Water Filling Stations</b>								
								Area: ALL
								Efficiency
<b>Project Description</b>								
Contractors, businesses and other customer are currently allowed to use City water from fire hydrants on a permit basis through the Bureau's Hydrant Use Program. The program is operated on an honor system and usage is estimated. Unaccounted water losses as well as complaints of poor water quality, due to water that has been mixed with pipe sediments resulting from improper hydrant use, have become issues of concern. Project funds provide for the installation and implementation of bulk pay stations that would standardize the method and regulate the amount of water dispensed, providing a more equitable method of tracking and payment. Private hydrant use would be limited. This is a joint project with the Bureau of Environmental Services (BES), which will be able to charge users for discharges to the City's sewer systems that currently go uncollected. Anticipated benefits are reductions in hydrant repair and maintenance costs, minimization of cross-connections (and consequently fewer water quality complaints), better management of water needs, and reduction of administrative costs. The annual cost for operation and maintenance of the stations will be minimal and should be offset by the savings in reduced hydrant maintenance.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	100,000	25,000	0	0	125,000
Revenue Bonds	0	20,000	20,000	100,000	25,000	0	0	145,000
<b>Total Funding Sources</b>	0	20,000	20,000	200,000	50,000	0	0	270,000
<b>Project Costs</b>								
Design/ProjMgmt	0	20,000	20,000	50,000	10,000	0	0	80,000
Const/Equip	0	0	0	150,000	40,000	0	0	190,000
<b>Total Project Costs</b>	0	20,000	20,000	200,000	50,000	0	0	270,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Customer Demand Monitoring</b>								
								Area: All
								Efficiency
<b>Project Description</b>								
This project involves the acquisition and installation of an automated remote meter reading system to allow the Bureau to monitor customers' water demand. Data collected via this system can be used to estimate price elasticities of demand at residential customer class level that in turn can be used to set rates. Further use of the data are in development of benchmarks for conservation programs, improvement of design and operations standards, calibration and validation of water distribution models, and to provide accurate data describing peak-usage behavior within the residential customer group on a system-wide basis. Within the City limits, automated metering devices were installed at approximately 500 single-family meter sites and at a small number of commercial sites. Devices also were installed at a newly constructed multi-family complex (110 units), which allows comparison between sub-metered and bulk-metered usage in a multi-family setting. Plans include installations at approximately 1,200 key wholesale customer sites. Installations at 300 sites in the Tualatin Valley Water District are also underway. Plans for future years include the potential deployment of 300 units each in the cities of Gresham and Tualatin if contributing funding is provided.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	0	200,000	0	0	200,000
Revenue Bonds	253,500	0	0	0	0	0	0	0
Service Charges and Fees	833,597	30,900	40,000	200,000	0	0	0	240,000
<b>Total Funding Sources</b>	1,087,097	30,900	40,000	200,000	200,000	0	0	440,000
<b>Project Costs</b>								
Design/ProjMgmt	1,020,097	30,900	40,000	200,000	200,000	0	0	440,000
Const/Equip	67,000	0	0	0	0	0	0	0
<b>Total Project Costs</b>	1,087,097	30,900	40,000	200,000	200,000	0	0	440,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Facility Standards</b>								
							<b>Area:</b>	<b>All</b>
								<b>Efficiency</b>
<b>Project Description</b>								
The Bureau currently uses general standards when developing, designing and constructing projects. Under this project, the Bureau will identify and develop standards specific to the Bureau's facilities and develop a consistent in-house reference document for pipeline sizing, distribution network grids, storage tanks, pumping, site design, and pressure regulation. Creating Bureau-specific design standards will increase design efficiency and consistency, resulting in a safer and more efficient water system.								
<b>Funding Sources</b>								
Service Charges and Fees	22,825	10,000	15,000	20,000	10,000	0	0	45,000
<b>Total Funding Sources</b>	22,825	10,000	15,000	20,000	10,000	0	0	45,000
<b>Project Costs</b>								
Design/ProjMgmt	22,825	10,000	15,000	20,000	10,000	0	0	45,000
<b>Total Project Costs</b>	22,825	10,000	15,000	20,000	10,000	0	0	45,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>GIS Water Bureau</b>								
							<b>Area:</b>	<b>ALL</b>
								<b>Efficiency</b>
<b>Project Description</b>								
The Bureau has created a Geographic Information System (GIS) to increase efficiency in operating and maintaining the water supply and distribution system. A GIS system links electronic maps with associated data for display and analysis. Project work will include transferring historic records to GIS databases, creating applications, and establishing links with other information systems within the Bureau, including the Customer Billing System, Supervisory Control and Data Acquisition system, Hydraulic Analysis model, Laboratory Information Management System, and the citywide (corporate) GIS. The resulting integrated information will be available within the Bureau and citywide, providing greater access to mapping, customer service, and facility records by Bureau and City employees.								
<b>Funding Sources</b>								
Service Charges and Fees	3,450,193	50,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Total Funding Sources</b>	3,450,193	50,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Project Costs</b>								
Planning	8,661	0	0	0	0	0	0	0
Design/ProjMgmt	3,370,490	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Const/Equip	71,042	0	0	0	0	0	0	0
<b>Total Project Costs</b>	3,450,193	50,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Infrastructure Master Plan (IMP)</b>								
							<b>Area:</b>	<b>All</b>
								<b>Efficiency</b>
<b>Project Description</b>								
This planning program will develop preferred strategies to address short and long-term water system infrastructure needs, including aging facilities, growth and added capacity, vulnerability, reliability, and regulatory requirements for treatment and the Endangered Species Act (ESA). The IMP is intended to promote a long-term perspective for those projects with long planning and construction time frames. It also is intended to serve as the primary input for the prioritization and timing of more immediate projects in the Capital Improvement Program. The first phase of the project focused on the supply system backbone-- the supply, transmission, terminal storage and treatment system components-- and included a system vulnerability assessment that identified many projects that will reduce the vulnerability of the system backbone and improve reliability. Continued refinement will be needed to address the uncertainties still facing the Bureau such as the impacts of ESA, wholesale contract renewals, and new treatment regulations. The next phase of the project is the Distribution Master Plan.								
<b>Funding Sources</b>								
Service Charges and Fees	2,646,372	131,900	300,000	300,000	100,000	0	0	700,000
<b>Total Funding Sources</b>	2,646,372	131,900	300,000	300,000	100,000	0	0	700,000
<b>Project Costs</b>								
Design/ProjMgmt	2,646,372	131,900	300,000	300,000	100,000	0	0	700,000
<b>Total Project Costs</b>	2,646,372	131,900	300,000	300,000	100,000	0	0	700,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Maintenance Management System									
	Area:	All							
	Efficiency								
Project Description									
This project will develop and implement improvements to the Bureau's operations and maintenance work processes, particularly those that can be enhanced by technology. The scheduling system, used by the Bureau's Maintenance Group to track maintenance activities and inventory, is obsolete. Significant systems and technology upgrades for office and field crews will result in more efficient use of resources and timely field reporting and record updating. The project provides funding for the development of a new system to assist with the effective and efficient deployment and management of personnel and information. The Bureau anticipates significant improvements in operational efficiency as a result of this project.									
Funding Sources									
Service Charges and Fees		960,052	231,000	250,000	500,000	500,000	400,000	0	1,650,000
Total Funding Sources		960,052	231,000	250,000	500,000	500,000	400,000	0	1,650,000
Project Costs									
Planning		12,414	0	0	0	0	0	0	0
Design/ProjMgmt		145,909	200,000	100,000	100,000	100,000	100,000	0	400,000
Const/Equip		801,729	31,000	150,000	400,000	400,000	300,000	0	1,250,000
Total Project Costs		960,052	231,000	250,000	500,000	500,000	400,000	0	1,650,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Master Plan Dodge Park									
	Area:	E							
	Efficiency								
Project Description									
The Bureau owns land at the confluence of the Bull Run and Sandy Rivers where Conduits 2, 3, and 4 cross the Sandy River. A master plan will be developed for use of the property, which encompasses Dodge Park, Conduits 2 and 4 and the Bureau's adjacent maintenance facilities. Issues such as recreational access, public information, and visual resources will be considered. In addition, the Bureau of Land Management's recommendation for water conservation information displays at Dodge, Oxbow and Dabney parks will be considered. The master plan will address law enforcement needs at the site, trespass/hazard warning signs, facility maintenance and upgrades, alternative park management arrangements, and visitor management together with the Bureau's long-term potential uses for City-owned land in and around Dodge Park. Construction of selected improvements will occur once the master plan is completed, although some short-term improvements may be installed during preparation of the plan.									
Funding Sources									
Service Charges and Fees		34,755	0	0	0	0	0	0	0
Revenue Bonds		0	0	0	74,000	35,000	30,000	270,000	409,000
Total Funding Sources		34,755	0	0	74,000	35,000	30,000	270,000	409,000
Project Costs									
Design/ProjMgmt		34,755	0	0	74,000	35,000	10,000	10,000	129,000
Const/Equip		0	0	0	0	0	20,000	260,000	280,000
Total Project Costs		34,755	0	0	74,000	35,000	30,000	270,000	409,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	20,000	20,000	40,000
Master Plan In-City Property / Conduit Routes									
	Area:	ALL							
	Efficiency								
Project Description									
A master plan for managing Bureau property will provide a framework for protecting system assets, making operations more efficient and enhancing community livability. This plan will address Bureau property within City limits, including tank, pump and reservoir sites, as well as properties outside the City that serve existing and planned conduits. Purchase of recommended easements will also improve Bureau control of the Conduit 2, 3 and 4 routes.									
Funding Sources									
Service Charges and Fees		7,955	0	0	0	0	0	0	0
Revenue Bonds		0	18,300	0	0	0	0	290,000	290,000
Total Funding Sources		7,955	18,300	0	0	0	0	290,000	290,000
Project Costs									
Design/ProjMgmt		7,955	18,300	0	0	0	0	290,000	290,000
Total Project Costs		7,955	18,300	0	0	0	0	290,000	290,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0



# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

## PROJECT DETAIL

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Project Management System</b>								
	<b>Area:</b>							All
								Efficiency
<b>Project Description</b>								
The Bureau's project managers need a project management system for estimating and tracking project staffing, costs, schedules, budgets and contracts. A project management system is essential to the effective implementation of the more complex and expanding Capital Improvement Program (CIP). To date, this project has included development of a five-phase project schedule, compilation of all CIP projects within the Primavera scheduling software for Bureau distribution, and development of process mapping for all Engineering Services projects. The next step is the installation and implementation of the software application. Although the system is expected to primarily benefit CIP projects, it will also be applied Bureau-wide. Ongoing operations and maintenance costs for the system are expected to be offset by savings resulting from more efficient project management.								
<b>Funding Sources</b>								
Service Charges and Fees	138,582	0	40,000	0	250,000	250,000	0	540,000
<b>Total Funding Sources</b>	138,582	0	40,000	0	250,000	250,000	0	540,000
<b>Project Costs</b>								
Design/ProjMgmt	138,582	0	40,000	0	150,000	50,000	0	240,000
Const/Equip	0	0	0	0	100,000	200,000	0	300,000
<b>Total Project Costs</b>	138,582	0	40,000	0	250,000	250,000	0	540,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Regional Water Supply Plan (RWSP) Revision</b>								
	<b>Area:</b>							All
								Expansion
<b>Project Description</b>								
Review and update of the Regional Water Supply Plan (RWSP) is required every five years. As the current RWSP was approved in 1996, the first revision began to occur in 2001. The revision will include reviewing and updating RWSP policy objectives, new demand forecasts, updated and new source alternatives, a new integration model to reflect new information and evolving priorities, and a revised set of plan strategies based on this review. The Regional Water Providers Consortium is the implementing body for the RWSP and its associated revisions. Under an existing Intergovernmental Agreement with the Consortium, the City of Portland provides staff to the Consortium including some of the work on revision to the RWSP. The revision is anticipated to be funded 30 percent by the Water Bureau and 70 percent by other Consortium members.								
<b>Funding Sources</b>								
Bureau Revenues	0	200,000	200,000	0	0	0	0	200,000
Service Charges and Fees	0	100,000	100,000	0	0	0	0	100,000
<b>Total Funding Sources</b>	0	300,000	300,000	0	0	0	0	300,000
<b>Project Costs</b>								
Planning	0	5,000	0	0	0	0	0	0
Design/ProjMgmt	0	295,000	300,000	0	0	0	0	300,000
<b>Total Project Costs</b>	0	300,000	300,000	0	0	0	0	300,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Retail / Wholesale Financial Planning Model</b>								
	<b>Area:</b>							All
								Efficiency
<b>Project Description</b>								
The Bureau depends on a complex computer model to develop its wholesale and retail pricing structures and prepare financial forecasts. In service since the late 1980s, the current model allocates costs between retail and wholesale customers based on the pricing provisions of the Bureau's current 25-year wholesale contracts, many of which are currently scheduled to expire in 2005. This project involves the concurrent development of a new model while the final phase of the wholesale contract renewal process is already underway. The model will support new wholesale contract development, including negotiations and complex pricing computations, and will be used as the primary pricing tool once new contracts are signed.								
<b>Funding Sources</b>								
Service Charges and Fees	0	0	0	250,000	0	0	0	250,000
<b>Total Funding Sources</b>	0	0	0	250,000	0	0	0	250,000
<b>Project Costs</b>								
Planning	0	0	0	250,000	0	0	0	250,000
<b>Total Project Costs</b>	0	0	0	250,000	0	0	0	250,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Water System Studies</b>								
	Area:							All
								Repair/Maint
<b>Project Description</b>								
This project provides funding to conduct assessments and studies necessary to effectively plan, evaluate, and develop strategies and direction for operation, maintenance, replacement and expansion of the water system in future years where specific studies have yet to be identified. These conceptual and feasibility-level studies will inform decision-making with regard to necessary system enhancements or modifications.								
<b>Funding Sources</b>								
Service Charges and Fees	0	0	0	0	229,000	965,000	1,199,000	2,393,000
<b>Total Funding Sources</b>	0	0	0	0	229,000	965,000	1,199,000	2,393,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	229,000	965,000	1,199,000	2,393,000
<b>Total Project Costs</b>	0	0	0	0	229,000	965,000	1,199,000	2,393,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Resource Protection Program</b>								
<b>Bull Run Lake Mitigation</b>								
	Area:							E
								Repair/Maint
<b>Project Description</b>								
The Bull Run Lake special-use authorization from the U.S. Forest Service requires the City to complete a variety of habitat mitigation projects. The number of projects depends on the amount of water withdrawn from the lake and the extent to which the lake refills after each use. Mitigation measures may include planting vegetation, installing fish habitat structures, placing spawning gravel, and improving fish passage into the tributaries. Project costs will extend through 2016. The magnitude of these costs will vary depending on the frequency and extent of lake use for water supply. The Bureau's mitigation measures will enhance natural resources for fish and wildlife, in addition to meeting the regulatory requirements associated with using lake water.								
<b>Funding Sources</b>								
Revenue Bonds	49,160	40,000	40,000	40,000	40,000	40,000	40,000	200,000
<b>Total Funding Sources</b>	49,160	40,000	40,000	40,000	40,000	40,000	40,000	200,000
<b>Project Costs</b>								
Design/ProjMgmt	4,315	30,000	30,000	30,000	30,000	30,000	30,000	150,000
Const/Equip	44,845	10,000	10,000	10,000	10,000	10,000	10,000	50,000
<b>Total Project Costs</b>	49,160	40,000	40,000	40,000	40,000	40,000	40,000	200,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Bull Run Optimization Model</b>								
	Area:							ALL
								Efficiency
<b>Project Description</b>								
Optimization modeling will be performed using the river-reservoir system flow and water quality models (CE-QUAL-W2) to allow the Bureau to assess reservoir operation schemes that meet selected water quality requirements and goals. Use of the linked models will allow the Bureau to develop operating rules for the reservoir system. The CE-QUAL-W2 model is a two-dimensional flow and water quality model that simulates the movement of water through reservoirs and rivers. The geometric representation of the river models will be improved and sediment heating routines will be added to the model code.								
<b>Funding Sources</b>								
Service Charges and Fees	9,243	48,400	0	80,000	0	0	0	80,000
<b>Total Funding Sources</b>	9,243	48,400	0	80,000	0	0	0	80,000
<b>Project Costs</b>								
Design/ProjMgmt	9,243	48,400	0	80,000	0	0	0	80,000
<b>Total Project Costs</b>	9,243	48,400	0	80,000	0	0	0	80,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Groundwater Remediation</b>								
								Area: NE
								Repair/Maint
<b>Project Description</b>								
Investigation and remediation of groundwater contamination is anticipated to continue at various sites in and near the City's Columbia South Shore Wellfield through the next decade. As in previous years, the budget assumes that responsible parties and the Oregon Department of Environmental Quality will fund and conduct the majority of the work, and that a City contractor will assist the Bureau in performing oversight and review. The budget also assumes that the Bureau, in conjunction with a City contractor, will need to perform a certain amount of its own subsurface investigation and monitoring well installation work to independently assess groundwater contamination plumes and sources in the N.E. Holman Redevelopment Area, along N.E. 148th Avenue, and potentially in other areas of the well field. The budget also assumes support for cost recovery litigation associated with loss of use of the wellfield.								
<b>Funding Sources</b>								
Service Charges and Fees	3,481,676	354,100	150,000	150,000	50,000	50,000	50,000	450,000
<b>Total Funding Sources</b>	3,481,676	354,100	150,000	150,000	50,000	50,000	50,000	450,000
<b>Project Costs</b>								
Design/ProjMgmt	3,344,468	354,100	150,000	150,000	50,000	50,000	50,000	450,000
Site Acquisition	26,875	0	0	0	0	0	0	0
Const/Equip	110,333	0	0	0	0	0	0	0
<b>Total Project Costs</b>	3,481,676	354,100	150,000	150,000	50,000	50,000	50,000	450,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Groundwater Studies</b>								
								Area: NE
								Expansion
<b>Project Description</b>								
The Deep Aquifer Yield (DAY) groundwater model was developed to increase the Bureau's ability to better use and understand the behavior of the existing groundwater supply system. The model can be used to estimate the sustainable yield of the wellfield under long-term emergency operation, whether raising well pump settings will increase the sustainable yield, the cause of recent declines in the level of the Sand and Gravel Aquifer, and appropriate locations for additional wells to increase the sustainable yield. During FY 2000-01, the DAY model was calibrated. During FY 2001-02, the model will be tested against other data, possibly including the November 1999 turbidity event and the 1987 supply event.								
<b>Funding Sources</b>								
Service Charges and Fees	982,078	100,000	100,000	100,000	100,000	0	0	300,000
<b>Total Funding Sources</b>	982,078	100,000	100,000	100,000	100,000	0	0	300,000
<b>Project Costs</b>								
Planning	2,344	0	0	0	0	0	0	0
Design/ProjMgmt	979,734	100,000	100,000	100,000	100,000	0	0	300,000
<b>Total Project Costs</b>	982,078	100,000	100,000	100,000	100,000	0	0	300,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>USFS / City of Portland Land Exchange</b>								
								Area: E
								Efficiency
<b>Project Description</b>								
This project funds consultant services for environmental surveys, timber inventories, appraisals, National Environmental Policy Act documentation, and interagency negotiations for a possible land exchange of selected tracts of City and U.S. Forest Service land in the Bull Run Watershed. Acquisition of some off-site private lands may also be necessary to facilitate the land exchange. The U.S. Forest Service/City land exchange would provide greater certainty on environmental permitting issues associated with maintenance, operation, and expansion of the Bull Run supply system. The project may also include purchase of the only remaining privately held land in the Bull Run Management Unit, a 20-acre parcel owned by Longview Fibre Company. This acquisition would provide additional source protection in the watershed by protecting this parcel from future logging.								
<b>Funding Sources</b>								
Revenue Bonds	25,967	0	0	250,000	250,000	0	0	500,000
<b>Total Funding Sources</b>	25,967	0	0	250,000	250,000	0	0	500,000
<b>Project Costs</b>								
Design/ProjMgmt	25,967	0	0	250,000	250,000	0	0	500,000
<b>Total Project Costs</b>	25,967	0	0	250,000	250,000	0	0	500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Public Utilities**  
**Bureau of Water Works**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Visitor Safety & Access Improvements								
	Area:							E
	Repair/Maint							
Project Description								
This project involves construction for improved facility access for visitors and educational exhibits on water resource management and protection. The improvements will increase public safety and reduce risks associated with accidental chlorine exposure and steep, narrow trails. Planned projects include (1) construction of a watershed observation deck with an overview of the Headworks. The deck would be located at a safe distance from chlorine gas hazard areas and (2) construction of a forest trail accessible to disabled citizens (under the Americans with Disabilities Act guidelines). Other projects include construction of outdoor interpretive exhibits at Bear Creek House, Dodge Park, and the Columbia South Shore Wellfield area.								
Funding Sources								
Service Charges and Fees	4,905	4,700	25,000	25,000	0	0	0	50,000
Total Funding Sources	4,905	4,700	25,000	25,000	0	0	0	50,000
Project Costs								
Planning	4,905	0	0	0	0	0	0	0
Design/ProjMgmt	0	4,700	5,000	5,000	0	0	0	10,000
Const/Equip	0	0	20,000	20,000	0	0	0	40,000
Total Project Costs	4,905	4,700	25,000	25,000	0	0	0	50,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Wellhead Protection / Monitoring Wells								
	Area:							NE
	Repair/Maint							
Project Description								
This project involves the construction of monitoring wells for the Bureau's regional groundwater well head protection and monitoring well network. It also provides for more luring wells to assess identified contamination near the wellfield as support for the Groundwater Remediation project. In previous years, the Bureau installed 26 new monitoring wells. The data from these wells indicates that the groundwater quality upgradient of the Bureau's production wells is generally very good, although some areas of shallow groundwater contamination have been identified and are being investigated further. Additional monitoring wells are necessary to fill in remaining gaps in the monitoring well network, in both the current wellfield area and in proposed wellfield expansion areas. Monitoring groundwater quality in these wells will increase the Bureau's operations and maintenance costs as more wells are installed.								
Funding Sources								
Revenue Bonds	726,735	100,300	250,000	250,000	250,000	250,000	250,000	1,250,000
Total Funding Sources	726,735	100,300	250,000	250,000	250,000	250,000	250,000	1,250,000
Project Costs								
Design/ProjMgmt	726,735	100,300	150,000	150,000	150,000	150,000	150,000	750,000
Site Acquisition	0	0	0	0	0	0	0	0
Const/Equip	0	0	100,000	100,000	100,000	100,000	100,000	500,000
Total Project Costs	726,735	100,300	250,000	250,000	250,000	250,000	250,000	1,250,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

### Storage and Transmission Program

#### Conduit 5

Area: SE  
Expansion

##### Project Description

Conduit 5 is a proposed 96-inch to 120-inch diameter conduit approximately 23 miles in length extending from the Bull Run Watershed to storage facilities on Powell Butte. The conduit is planned to have a combined capacity of about 250 million gallons per day, about equal to the capacity of the three existing conduits. Once constructed, Conduit 5 is planned to replace Conduits 2 and 3, provide additional peak flow capacity, and may potentially be needed to supply a new treatment plant, depending on its location. Funding is provided for updating the Preliminary Engineering assessment and construction of the downstream leg between the City of Gresham and Powell Butte.

##### Funding Sources

Revenue Bonds	322,221	6,700	270,000	320,000	20,000	20,000	20,000	650,000
<b>Total Funding Sources</b>	<b>322,221</b>	<b>6,700</b>	<b>270,000</b>	<b>320,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>650,000</b>

##### Project Costs

Design/ProjMgmt	322,221	6,700	270,000	320,000	20,000	20,000	20,000	650,000
<b>Total Project Costs</b>	<b>322,221</b>	<b>6,700</b>	<b>270,000</b>	<b>320,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>650,000</b>

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

#### Conduit Isolation and Improvements

Area: E  
Repair/Maint

##### Project Description

Construction of five major interties between the three existing water supply conduits that carry water from the Bull Run Headworks to the Powell Butte and Mt. Tabor reservoirs will enable sections of the conduits to be removed from service as needed for maintenance or emergencies. With the improvements, if a conduit breaks, flow can be diverted around a broken section to another conduit. In previous years, the Bureau performed hydraulic, geotechnical, seismic, and structural analyses of the conduits. These studies identified numerous necessary improvements, including the construction of interties, installation of additional air valves and replacement of existing air valves. Preliminary engineering studies were conducted to select final design options. (Final design for the Larson's Intertie will be complete in 2002. Construction of the Hudson Road Intertie downstream of the Sandy River is nearing completion with construction slated to start in 2002 and be completed in 2003.) With the addition of the two interties, the most vulnerable section of the conduits will be isolated. The remaining interties are planned for future years; to be built in conjunction with Conduit 5 or other conduit improvements. The improvements will help the Bureau maintain and improve the integrity of the supply conduits, allowing more flexibility during emergencies.

##### Funding Sources

Revenue Bonds	6,409,451	867,000	450,000	4,000,000	0	0	0	4,450,000
<b>Total Funding Sources</b>	<b>6,409,451</b>	<b>867,000</b>	<b>450,000</b>	<b>4,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,450,000</b>

##### Project Costs

Design/ProjMgmt	1,999,013	87,000	450,000	300,000	0	0	0	750,000
Const/Equip	4,410,438	780,000	0	3,700,000	0	0	0	3,700,000
<b>Total Project Costs</b>	<b>6,409,451</b>	<b>867,000</b>	<b>450,000</b>	<b>4,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,450,000</b>

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
<b>Conduit Relocation-Sandy River</b>									
							<b>Area:</b>		E
									Replacement
<b>Project Description</b>									
To ensure system reliability, the Bureau plans to relocate the existing three water supply conduit crossings at the Sandy River near Dodge Park to be under the Sandy River. Conduits 2 and 4 cross the Sandy River on a century-old pipeline bridge adjacent to the Lusted Road Highway Bridge. About a half-mile downstream, Conduit 3 crosses on a pipeline bridge built in 1924. The pipelines were not designed to withstand the earthquake loadings required by modern building codes, volcano-generated mudflows, flooding, or other potential hazards. A feasibility study and preliminary engineering assessment (including data gathered from test hole borings) was used to narrow the selection of preferred alternatives. Construction of the new crossings will be accomplished in phases. The first phase, occurring in the first 5 years, will involve relocating Conduit 3 and provide accommodation for the future crossing of Conduit 5. During the second 5-year period, design and construction of the second crossing for Conduits 2 and 4 will occur. The improvements will address system maintenance needs and increase flow capacity.									
<b>Funding Sources</b>									
Revenue Bonds		2,004,362	100,000	92,300	0	0	0	0	92,300
<b>Total Funding Sources</b>		2,004,362	100,000	92,300	0	0	0	0	92,300
<b>Project Costs</b>									
Design/ProjMgmt		2,004,362	100,000	92,300	0	0	0	0	92,300
<b>Total Project Costs</b>		2,004,362	100,000	92,300	0	0	0	0	92,300
<b>Fund Level Costs</b>		0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>		0	0	0	0	0	0	0	0
<b>Conduit Repair &amp; Rehabilitation</b>									
							<b>Area:</b>		E
									Repair/Maint
<b>Project Description</b>									
This program provides for the maintenance, rehabilitation and protection of the three conduits that transmit water from the Bull Run Headworks to the City's main storage reservoirs at Powell Butte and Mt. Tabor Park. Built in 1911, 1925 and 1953 the conduits require a significant level of ongoing repair and rehabilitation. This work is particularly necessary for the six major conduit bridges between the Headworks and the Sandy River, 20 trestles and other appurtenances. Projects in this program help protect the Bureau's investments in its facilities, perform needed maintenance and repair, reduce vulnerability, and cut operations and maintenance costs.									
<b>Funding Sources</b>									
Revenue Bonds		0	395,800	1,500,000	850,000	950,000	400,000	400,000	4,100,000
<b>Total Funding Sources</b>		0	395,800	1,500,000	850,000	950,000	400,000	400,000	4,100,000
<b>Project Costs</b>									
Design/ProjMgmt		0	395,800	300,000	200,000	200,000	80,000	80,000	860,000
Const/Equip		0	0	1,200,000	650,000	750,000	320,000	320,000	3,240,000
<b>Total Project Costs</b>		0	395,800	1,500,000	850,000	950,000	400,000	400,000	4,100,000
<b>Fund Level Costs</b>		0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>		0	0	0	0	0	0	0	0
<b>Conduit Vulnerability Reduction</b>									
							<b>Area:</b>		ALL
									Repair/Maint
<b>Project Description</b>									
Conduits 2, 3, and 4 and their related structures are critical elements of the Portland water system worth an estimated \$200 million. The System Vulnerability Assessment identified the vulnerability of the conduits at 22 trestles that support the conduits over streams and ravines. This project provides for the strengthening and replacement of these structures against damage from the various natural and man-made hazards. Implementation is prioritized and sequenced over the next 10 years at an estimated total cost of \$11 million.									
<b>Funding Sources</b>									
Revenue Bonds		89,603	125,000	500,000	1,000,000	1,500,000	1,000,000	1,000,000	5,000,000
<b>Total Funding Sources</b>		89,603	125,000	500,000	1,000,000	1,500,000	1,000,000	1,000,000	5,000,000
<b>Project Costs</b>									
Design/ProjMgmt		89,603	25,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Const/Equip		0	100,000	300,000	800,000	1,300,000	800,000	800,000	4,000,000
<b>Total Project Costs</b>		89,603	125,000	500,000	1,000,000	1,500,000	1,000,000	1,000,000	5,000,000
<b>Fund Level Costs</b>		0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>		0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## PROJECT DETAIL

### Bureau of Water Works

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Open Reservoirs</b>								
							<b>Area:</b>	<b>E</b>
								Replacement
<b>Project Description</b>								
This project provides for the interim maintenance and repair as well as the long-term replacement of the five open reservoirs located at Mt. Tabor Park and Washington Park. The Open Reservoirs Study found that the reservoirs -- built in 1896 and 1911-- are vulnerable to contamination, are a weak link in the Bureau's water quality protection program, and that future drinking water regulations will most likely require that they be covered. The study recommends that the reservoirs be phased out or covered and identified maintenance, repairs and modifications that would address piping, water quality, seismic needs as well as new and anticipated water quality regulations. Funding projections for the baseline project anticipates a 20- to 25-year phase-in of new buried concrete tanks in combination with replacement of some storage at Powell Butte and a more secure transmission link to the west side of the Willamette River. However, the events of September 11, 2001 have focused national attention on terrorism and particularly municipal water systems as potential targets.								
<b>Funding Sources</b>								
Revenue Bonds	755,823	727,880	200,000	100,000	700,000	700,000	700,000	2,400,000
Service Charges and Fees	0	230,000	400,000	100,000	40,000	0	0	540,000
<b>Total Funding Sources</b>	<b>755,823</b>	<b>957,880</b>	<b>600,000</b>	<b>200,000</b>	<b>740,000</b>	<b>700,000</b>	<b>700,000</b>	<b>2,940,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	755,823	570,000	500,000	100,000	240,000	200,000	200,000	1,240,000
Const/Equip	0	387,880	100,000	100,000	500,000	500,000	500,000	1,700,000
<b>Total Project Costs</b>	<b>755,823</b>	<b>957,880</b>	<b>600,000</b>	<b>200,000</b>	<b>740,000</b>	<b>700,000</b>	<b>700,000</b>	<b>2,940,000</b>
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Powell Butte Reservoirs</b>							<b>Area:</b>	<b>SE</b>
								Expansion
<b>Project Description</b>								
This program provides for the development of additional reservoirs and related activities on Powell Butte. The Bureau has made long-term provisions for four additional reservoirs on Powell Butte in addition to the existing 50 million gallons (mg) reservoir. Two reservoirs with 50-mg capacities are planned to reduce the system's dependence on the 100-year-old reservoirs at Mt. Tabor Park and Washington Park. Bureau studies have identified potential concerns regarding water quality, seismic stability and public safety at these facilities. One of the two remaining new reservoirs will be smaller and located at a higher elevation to allow for power generation. This combined additional storage will also allow the Bureau to safely operate the water system with one or more of the open reservoirs out of service. The construction of one reservoir is planned during the 10-year period represented in this CIP budget proposal. The project incorporates findings from the Powell Butte Master Plan, Infrastructure Master Plan, Mt. Tabor Part 12 Study, System Vulnerability Assessment Study and the Open Reservoirs Study. Benefits include improved water supply system function and reliability.								
<b>Funding Sources</b>								
Revenue Bonds	1,492,648	675,000	50,000	50,000	50,000	2,500,000	14,000,000	16,650,000
<b>Total Funding Sources</b>	<b>1,492,648</b>	<b>675,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>2,500,000</b>	<b>14,000,000</b>	<b>16,650,000</b>
<b>Project Costs</b>								
Planning	4,069	0	0	0	0	0	0	0
Design/ProjMgmt	1,332,347	185,000	50,000	50,000	50,000	2,500,000	2,800,000	5,450,000
Site Acquisition	156,232	490,000	0	0	0	0	0	0
Const/Equip	0	0	0	0	0	0	11,200,000	11,200,000
<b>Total Project Costs</b>	<b>1,492,648</b>	<b>675,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>2,500,000</b>	<b>14,000,000</b>	<b>16,650,000</b>
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	100,000	100,000	200,000	200,000	200,000	800,000

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

	Revised		Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Regional Connections &amp; Pipelines</b>								
	<b>Area:</b>							SE
								Expansion
<b>Project Description</b>								
This project provides for interconnections between the Portland system and water systems of other water providers for improved reliability, supply augmentation and emergencies. The project is intended to help existing supplies better serve the region and delay the need for source expansions, major system improvements or increasing treatment plants capacity for Portland and the region. Concepts and arrangements are being developed through the Regional Drinking Water Supply Initiative that may move these connections along sooner and gain the support of other regional partners to construct them. The need for the connections was identified in the Regional Transmission and Storage Strategy Study, adopted by the Regional Water Providers Consortium in June 2000. This study developed a short- and long-term vision for regional transmission and storage that emphasized interconnections between water sources and water systems for improved reliability under emergency situations. It recommended a few key short-term interconnections should be constructed that would also be useful in the long-term. The project budget provides for the Bureaus cost share only. Other partners will need to contribute significant additional funding. For this reason, funding appears in the latter years of this CIP until the costs and benefits can be better quantified for the Bureau and other regional water providers.								
<b>Funding Sources</b>								
Revenue Bonds	84,506	182,900	150,000	1,000,000	3,500,000	3,150,000	1,155,000	8,955,000
<b>Total Funding Sources</b>	<b>84,506</b>	<b>182,900</b>	<b>150,000</b>	<b>1,000,000</b>	<b>3,500,000</b>	<b>3,150,000</b>	<b>1,155,000</b>	<b>8,955,000</b>
<b>Project Costs</b>								
Planning	20,225	0	0	0	0	0	0	0
Design/ProjMgmt	12,516	85,000	150,000	800,000	300,000	450,000	255,000	1,955,000
Site Acquisition	0	0	0	0	0	0	0	0
Const/Equip	51,765	97,900	0	200,000	3,200,000	2,700,000	900,000	7,000,000
<b>Total Project Costs</b>	<b>84,506</b>	<b>182,900</b>	<b>150,000</b>	<b>1,000,000</b>	<b>3,500,000</b>	<b>3,150,000</b>	<b>1,155,000</b>	<b>8,955,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

### River Crossing & Transmission

**Area:** SW  
Replacement

#### Project Description

This project provides for the replacement of major pipelines to strengthen the transmission link between Powell Butte and the service areas west of the Willamette River, including downtown and the storage reservoirs at Washington Park. The project is being driven by the need to utilize more reliable transmission from Powell Butte to supply west side service areas as storage volumes become smaller at Washington Park as the open reservoirs are phased out and replaced. The existing pipelines are vulnerable to a number of hazards including earthquakes and scour due to their age, condition and original design. Proposed transportation and rail projects on the West Side also conflict with the existing supply mains. The project consists of several phases: (1) identification of the pipeline corridor; (2) construction of a new seismically strengthened river crossing to replace one or two river crossings that currently serve the downtown area and west Portland; (3) replacement of the Sellwood Crossing and pipeline sections in liquifiable soils; (4) construction of a header along the western bank of the Willamette River; and (5) numerous interconnections and interties so sections of pipelines can be removed from service for maintenance and emergencies.

#### Funding Sources

Revenue Bonds	742,861	180,000	500,000	0	0	0	0	500,000
<b>Total Funding Sources</b>	<b>742,861</b>	<b>180,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Project Costs</b>								
Planning	61,000	0	0	0	0	0	0	0
Design/ProjMgmt	198,062	180,000	500,000	0	0	0	0	500,000
Const/Equip	483,799	0	0	0	0	0	0	0
<b>Total Project Costs</b>	<b>742,861</b>	<b>180,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>



# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Security - Capital								
							Area:	ALL
								Efficiency
Project Description								
This new service level package provides for heightened security at more than 80 of the Bureau's critical facilities and sites. The project provides for the detailed development of site specific needs, procedures and infrastructure improvements to enable security measures to be put into place at the over 80 Bureau sites that include dams, water supply facilities, reservoirs, pump stations, offices and operations yards over the next three years. The majority of this funding addresses security and other risks at the Bureau's five open reservoirs located in two of the City's most prominent parks - Mt. Tabor Park and Washington Park. The open reservoirs were identified as the Bureau's greatest risk for intentional acts and terrorism. The project provides funding to install interim floating covers and setback public access on all of the sites except for Reservoir No. 6 at Mt. Tabor where a permanent tank would be constructed. The Bureau is aware of potential federal grant funding for these needs. If federal funding becomes available, the Bureau would move forward with the long-term replacements instead of the interim covers, setbacks and surveillance.								
Funding Sources								
Revenue Bonds	0	0	8,440,000	19,100,000	18,600,000	17,300,000	4,000,000	67,440,000
Total Funding Sources	0	0	8,440,000	19,100,000	18,600,000	17,300,000	4,000,000	67,440,000
Project Costs								
Planning	0	0	200,000	0	0	0	0	200,000
Design/ProjMgmt	0	0	2,020,000	1,200,000	600,000	300,000	0	4,120,000
Const/Equip	0	0	6,220,000	17,900,000	18,000,000	17,000,000	4,000,000	63,120,000
Total Project Costs	0	0	8,440,000	19,100,000	18,600,000	17,300,000	4,000,000	67,440,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

## Water Quality & Treatment Program

Bull Run Disinfection Improvements							Area:	ALL
							Repair/Maint	
Project Description								
Modifications to the disinfection facilities at the Bull Run Headworks include relocating controls outside of their current hazardous environment as well as essential operational and safety improvements. The modifications will better ensure public health and employee safety through improved hazardous materials handling and control facilities.								
Funding Sources								
Revenue Bonds	511,500	175,000	200,000	150,000	100,000	100,000	100,000	650,000
Total Funding Sources	511,500	175,000	200,000	150,000	100,000	100,000	100,000	650,000
Project Costs								
Design/ProjMgmt	151,347	30,000	40,000	30,000	20,000	20,000	20,000	130,000
Const/Equip	360,153	145,000	160,000	120,000	80,000	80,000	80,000	520,000
Total Project Costs	511,500	175,000	200,000	150,000	100,000	100,000	100,000	650,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Bureau of Water Works

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Bull Run Treatment</b>								
							<b>Area:</b>	<b>ALL</b>
								Mandated
<b>Project Description</b>								
Various planning studies are needed to evaluate and identify requirements for future Bull Run system treatment process improvements. These improvements will be necessary to comply with expected federal and state regulations for surface water treatment. While actual treatment requirements have yet to be established, recommended treatment improvements will address the anticipated regulations for inactivation of Cryptosporidium under the Long-Term Enhanced Surface Water Treatment Rule. These requirements are scheduled for promulgation by the Environmental Protection Agency in 2003, with compliance required by 2010. Specific tasks under this project include: facilitating a citizens panel decision-making process, preparing a treatment plant siting study; developing a Bull Run treatment public involvement program; analyzing permitting requirements; and developing a Bull Run treatment implementation plan.								
<b>Funding Sources</b>								
Revenue Bonds	0	9,720	250,000	950,000	900,000	850,000	950,000	3,900,000
Service Charges and Fees	157,319	600,000	50,000	0	0	0	0	50,000
<b>Total Funding Sources</b>	157,319	609,720	300,000	950,000	900,000	850,000	950,000	3,950,000
<b>Project Costs</b>								
Design/ProjMgmt	157,319	609,720	300,000	950,000	900,000	850,000	950,000	3,950,000
Const/Equip	0	0	0	0	0	0	0	0
<b>Total Project Costs</b>	157,319	609,720	300,000	950,000	900,000	850,000	950,000	3,950,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Groundwater Disinfection Improvements</b>							<b>Area:</b>	<b>NE</b>
								Repair/Maint
<b>Project Description</b>								
The existing disinfection system at the Groundwater Pump Station uses gaseous chlorine and ammonia. Currently, the facility does not meet new fire code regulations for the containment and scrubbing of these hazardous materials. A design has been completed for the recommended improvements to comply with code requirements. Seismic strengthening of the yard piping and tank foundations is included as part of the work. The site is also being improved to accommodate the Aquifer Storage and Recovery project. The budget provides for the construction of the facilities.								
<b>Funding Sources</b>								
Revenue Bonds	3,020,312	526,000	4,700,000	1,725,000	450,000	0	0	6,875,000
<b>Total Funding Sources</b>	3,020,312	526,000	4,700,000	1,725,000	450,000	0	0	6,875,000
<b>Project Costs</b>								
Design/ProjMgmt	1,180,892	526,000	500,000	325,000	90,000	0	0	915,000
Const/Equip	1,839,420	0	4,200,000	1,400,000	360,000	0	0	5,960,000
<b>Total Project Costs</b>	3,020,312	526,000	4,700,000	1,725,000	450,000	0	0	6,875,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	10,000	10,000	10,000	10,000	40,000
<b>Regulatory Compliance Studies</b>							<b>Area:</b>	<b>All</b>
								Mandated
<b>Project Description</b>								
The Bureau is conducting several regulatory compliance studies to further develop background information that confirms the City's compliance with drinking water regulations. The studies address control of microbial contaminants and disinfection byproducts, as well as implementation of existing and future surface water treatment regulations. One study focuses on the presence of Cryptosporidium oocysts in the Bull Run water source and the effectiveness of the current disinfection systems to neutralize the oocysts.								
<b>Funding Sources</b>								
Service Charges and Fees	973,895	30,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Total Funding Sources</b>	973,895	30,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Project Costs</b>								
Design/ProjMgmt	973,895	30,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Total Project Costs</b>	973,895	30,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## PROJECT DETAIL

### Bureau of Water Works

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
<hr/>									
Water Quality Sample Upgrade									Area: ALL
									Efficiency
<hr/>									
Project Description									
Standardized water quality sampling stations and chlorine residual analyzers will continue to be installed throughout the distribution system to monitor water quality and chlorine residue. These facilities also allow the Bureau to more readily identify potential water quality problems and their sources. The more accurate and reliable water quality data will be used to improve water system operation and design.									
Funding Sources									
Revenue Bonds	561,327	75,000	75,000	75,000	75,000	75,000	75,000	375,000	
Total Funding Sources	561,327	75,000	75,000	75,000	75,000	75,000	75,000	375,000	
Project Costs									
Design/ProjMgmt	184,200	25,000	25,000	25,000	25,000	25,000	25,000	125,000	
Const/Equip	377,127	50,000	50,000	50,000	50,000	50,000	50,000	250,000	
Total Project Costs	561,327	75,000	75,000	75,000	75,000	75,000	75,000	375,000	
Fund Level Costs	0	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Public Utilities

## Environmental Remediation Division

### PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

### Remediation

#### Longview City Laundry & Cleaners Remediation

Area: NW

Objective(s): Repair/Maint  
Mandated

#### Project Description

Remediation of the Longview City Laundry & Cleaners (LCL&C) is authorized by City Council Ordinance No. 168296, dated November 16, 1994. The project implements a Settlement Agreement between the City and LCL&C to conduct an environmental remediation of the site located at 2737 NW Nela Street, adjacent to the Guilds Lake site. The project will be completed at a time agreeable with the property tenant to minimize business disruptions.

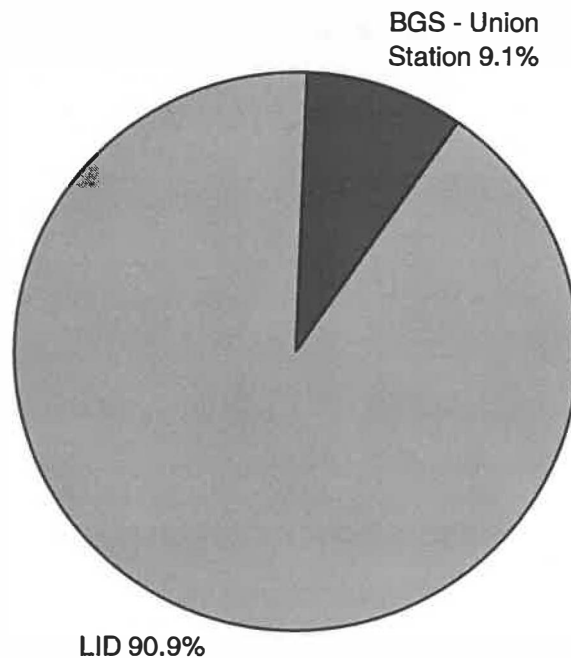
#### Funding Sources

Revenue Bonds	0	0	365,000	0	0	0	0	365,000
<b>Total Funding Sources</b>	0	0	365,000	0	0	0	0	365,000
<b>Project Costs</b>								
Const/Equip	0	0	365,000	0	0	0	0	365,000
<b>Total Project Costs</b>	0	0	365,000	0	0	0	0	365,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Community Development

## SERVICE AREA OVERVIEW

The Community Development service area includes Local Improvement Districts (LIDs) administered by the Office of the City Auditor, and the King Facility and Union Station projects administered by OMF's General Services. The FY 2002-03 capital budget for the service area totals nearly \$2.5 million, or 1.2 percent of the total CIP budget. The FY 2002-07 budget totals approximately \$38.0 million.



## LOCAL IMPROVEMENT DISTRICTS (LIDs)

LIDs are used by property owners to finance infrastructure improvements such as local streets and sewer improvements. The projects are financed through local assessments which are collected by the Office of the City Auditor. The size of the annual budget varies greatly from year to year depending on the level of demand by property owners. The FY 2002-03 budget is \$2.2 million, and the FY 2002-07 budget is nearly \$4.2 million.

## **GENERAL SERVICES**

The City provides rent-funded major repairs and maintenance at Union Station. The budget for these projects is \$225,000 in FY 2002-03. The projects include reroofing, and awning replacement.

## **PORTLAND DEVELOPMENT COMMISSION**

The Portland Development Commission (PDC) was created as a quasi-independent City agency with a stand alone budget in 1958 by Portland voters to deliver projects and programs which achieve the City's housing, economic development, and redevelopment priorities. PDC's CIP programs consist of Business Development, Neighborhood Commercial, Parks and Open Space, Public Facilities, Redevelopment Area Planning, and Transportation/Transit. This is the first year that the PDC CIP Budget is not included in the Citywide CIP Budget document.

# Capital Improvement Plan — Community Development

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Bureau of General Services								
Neighborhood Facilities								
Funding Sources								
General Fund Discretionary	0	0	0	0	2,704,000	0	0	2,704,000
Total Funding Sources	0	0	0	0	2,704,000	0	0	2,704,000
Project Costs								
Design/ProjMgmt	0	0	0	0	635,000	0	0	635,000
Const/Equip	0	0	0	0	2,069,000	0	0	2,069,000
Total Project Costs	0	0	0	0	2,704,000	0	0	2,704,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Union Station								
Funding Sources								
Bureau Revenues	0	166,000	225,000	225,000	225,000	225,000	225,000	1,125,000
Others Financing	0	0	0	0	0	0	30,000,000	30,000,000
Total Funding Sources	0	166,000	225,000	225,000	225,000	225,000	30,225,000	31,125,000
Project Costs								
Design/ProjMgmt	0	34,196	46,350	46,420	46,575	46,575	15,596,575	15,782,495
Const/Equip	0	131,804	178,650	178,580	178,425	178,425	14,628,425	15,342,505
Total Project Costs	0	166,000	225,000	225,000	225,000	225,000	30,225,000	31,125,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Local Improvement Districts								
Local Improvement Districts								
Funding Sources								
LID	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Total Funding Sources	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Project Costs								
Const/Equip	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Total Project Costs	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Community Development

## GEOGRAPHIC SUMMARY

This table summarizes capital costs by geographic area for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Geographic Area	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Community Development								
Bureau of General Services								
Central City	0	166,000	225,000	225,000	225,000	225,000	30,225,000	31,125,000
North	0	0	0	0	2,704,000	0	0	2,704,000
Total Bureau of General Services	0	166,000	225,000	225,000	2,929,000	225,000	30,225,000	33,829,000
Local Improvement Districts								
All Area	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Total Local Improvement Districts	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Total Community Development	\$ 15,133,100	\$ 3,266,000	\$ 2,474,161	\$ 794,604	\$ 3,512,962	\$ 603,552	\$ 30,614,781	\$ 38,000,060



# Capital Improvement Plan — Community Development

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau								
Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Bureau of General Services								
Neighborhood Facilities								
Major Renovation King Neighborhood	0	0	0	0	2,704,000	0	0	2,704,000
Total Neighborhood Facilities	0	0	0	0	2,704,000	0	0	2,704,000
Union Station								
Annex Roof Replacement	0	166,000	225,000	41,000	0	0	0	266,000
Awning Replacement	0	0	0	58,000	0	0	0	58,000
Exterior Door Refinish/Repair	0	0	0	44,000	0	0	0	44,000
Main Building Roof Replacement	0	0	0	82,000	225,000	225,000	225,000	757,000
Union Station Renovation	0	0	0	0	0	0	30,000,000	30,000,000
Total Union Station	0	166,000	225,000	225,000	225,000	225,000	30,225,000	31,125,000
Total Bureau of General Services	0	166,000	225,000	225,000	2,929,000	225,000	30,225,000	33,829,000
Local Improvement Districts								
Local Improvement Districts								
Local Improvement Districts	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Total Local Improvement Districts	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Total Local Improvement Districts	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
Total Community Development	\$ 15,133,100	\$ 3,266,000	\$ 2,474,161	\$ 794,604	\$ 3,512,962	\$ 603,552	\$ 30,614,781	\$ 38,000,060

**Capital Improvement Plan — Community Development**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**Neighborhood Facilities**

**Major Renovation King Neighborhood Facility**

**Area:** N  
**Objective(s):** Repair/Maint

**Project Description**

Construct new 2-story addition to the existing building to add approximately 7,500 square feet of new space. Modify portions of existing space to create a more welcoming and functional entry and common area.

**Funding Sources**

**General Fund Discretionary**

<b>Total Funding Sources</b>	0	0	0	0	2,704,000	0	0	2,704,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	635,000	0	0	635,000
Const/Equip	0	0	0	0	2,069,000	0	0	2,069,000
<b>Total Project Costs</b>	0	0	0	0	2,704,000	0	0	2,704,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Union Station**

**Annex Roof Replacement**

**Area:** CC  
**Objective(s):** Repair/Maint  
Replacement

**Project Description**

The Union Station Annex roof is currently leaking and must be repaired to prevent damage to the complex boiler and other critical systems housed in the Annex. The project, to begin in FY 02, continued in FY 03 and completed by FY 04, will replace the leaking and deteriorated roof at the Annex, as well as the gutters and soffits, as required. The roof diaphragm will also be structurally upgraded.

**Funding Sources**

Bureau Revenues	0	166,000	225,000	41,000	0	0	0	266,000
<b>Total Funding Sources</b>	0	166,000	225,000	41,000	0	0	0	266,000
<b>Project Costs</b>								
Design/ProjMgmt	0	34,196	46,350	8,446	0	0	0	54,796
Const/Equip	0	131,804	178,650	32,554	0	0	0	211,204
<b>Total Project Costs</b>	0	166,000	225,000	41,000	0	0	0	266,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Awning Replacement**

**Area:** CC  
**Objective(s):** Repair/Maint  
Replacement

**Project Description**

The awnings at Union Station have deteriorated significantly over time. They also create water damage to the adjacent windows. The awnings provide a functional screen from the sun and are a historic feature of the building. The FY 04 project will replace the deteriorated awnings and repair existing windows frames and sills as needed.

**Funding Sources**

Bureau Revenues	0	0	0	58,000	0	0	0	58,000
<b>Total Funding Sources</b>	0	0	0	58,000	0	0	0	58,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	12,000	0	0	0	12,000
Const/Equip	0	0	0	46,000	0	0	0	46,000
<b>Total Project Costs</b>	0	0	0	58,000	0	0	0	58,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Community Development**  
**Bureau of General Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
<hr/>									
<b>Exterior Door Refinish/Repair</b>									
								<b>Area:</b>	CC
								Repair/Maint	
<b>Project Description</b>									
The exterior doors at Union Station are old and in disrepair. Because they are a historic feature of the building they require repair and refinishing. This FY 04 project will repair and refinish the existing deteriorated exterior doors.									
<b>Funding Sources</b>									
Bureau Revenues	0	0	0	44,000	0	0	0	44,000	
<b>Total Funding Sources</b>	0	0	0	44,000	0	0	0	44,000	
<b>Project Costs</b>									
Design/ProjMgmt	0	0	0	9,000	0	0	0	9,000	
Const/Equip	0	0	0	35,000	0	0	0	35,000	
<b>Total Project Costs</b>	0	0	0	44,000	0	0	0	44,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	
<hr/>									
<b>Main Building Roof Replacement</b>									
								<b>Area:</b>	CC
								<b>Objective(s):</b>	Repair/Maint Replacement
<b>Project Description</b>									
The project will replace the leaking and deteriorated roof areas at Union Station main terminal buildings, and the gutters, soffits and skylights, as required. This project is spread over FY 's 04 through 07 and based on anticipated rent revenues.									
<b>Funding Sources</b>									
Bureau Revenues	0	0	0	82,000	225,000	225,000	225,000	757,000	
<b>Total Funding Sources</b>	0	0	0	82,000	225,000	225,000	225,000	757,000	
<b>Project Costs</b>									
Design/ProjMgmt	0	0	0	16,974	46,575	46,575	46,575	156,699	
Const/Equip	0	0	0	65,026	178,425	178,425	178,425	600,301	
<b>Total Project Costs</b>	0	0	0	82,000	225,000	225,000	225,000	757,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	
<hr/>									
<b>Union Station Renovation</b>									
								<b>Area:</b>	CC
								<b>Objective(s):</b>	Repair/Maint Replacement
<b>Project Description</b>									
Recent analysis identified significant seismic, structural and functional defects in the Union Station building and its building systems. Interior office spaces are antiquated and in need of renovation. There is substantial deferred maintenance in major areas, such as the electrical and plumbing systems, the data wiring system, the restrooms and the elevator. These deferred maintenance and functionally obsolete systems will be funded out of annual revenues, as available. The \$30,000,000 cost estimate for the renovation includes deferred maintenance and the replacement of functionally obsolete systems. Renovation costs would be less if some or all of these items have been completed by the time renovation funding is obtained. The Federal High Speed Rail Investment Act is being watched closely to determine if and when renovation funding may be obtained from this legislation, when passed. In order to provide time to find a funding source, this project is not scheduled until FY 07.									
<b>Funding Sources</b>									
Others Financing	0	0	0	0	0	0	30,000,000	30,000,000	
<b>Total Funding Sources</b>	0	0	0	0	0	0	30,000,000	30,000,000	
<b>Project Costs</b>									
Design/ProjMgmt	0	0	0	0	0	0	15,550,000	15,550,000	
Const/Equip	0	0	0	0	0	0	14,450,000	14,450,000	
<b>Total Project Costs</b>	0	0	0	0	0	0	30,000,000	30,000,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	

# Capital Improvement Plan — Community Development

## Local Improvement Districts

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

### Local Improvement Districts

#### Local Improvement Districts

Area: ALL  
Expansion

#### Project Description

Local Improvement Districts are projects which provide improvements to neighborhoods and are paid for through tax assessments of the affected properties that benefit from these improvements.

#### Funding Sources

LID	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
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<b>Total Funding Sources</b>	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
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#### Project Costs

Const/Equip	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
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<b>Total Project Costs</b>	15,133,100	3,100,000	2,249,161	569,604	583,962	378,552	389,781	4,171,060
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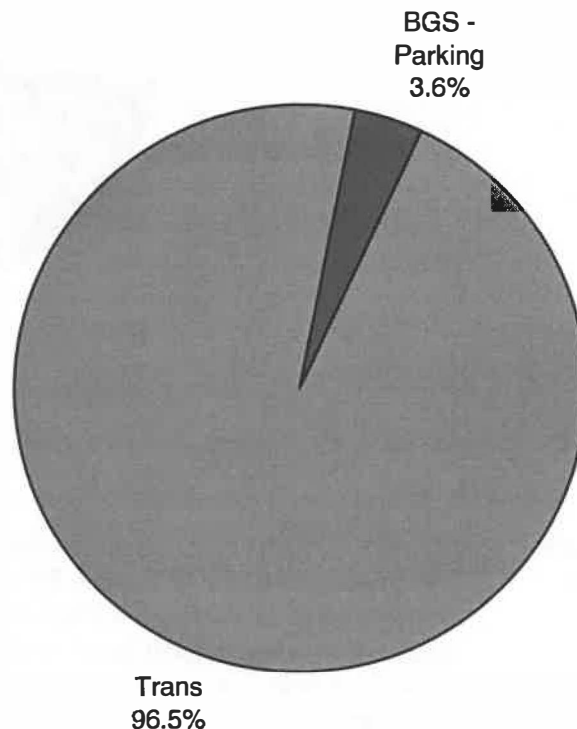
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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# Transportation and Parking

## SERVICE AREA OVERVIEW

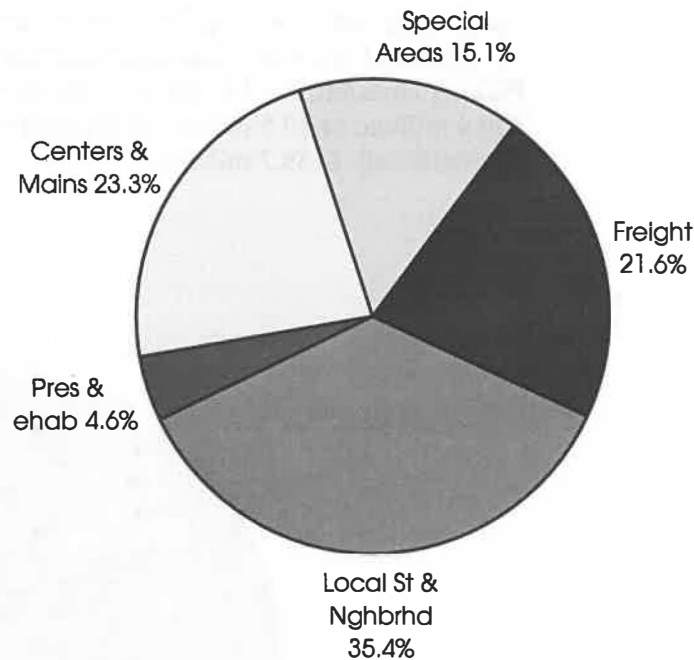
The Transportation and Parking service area reflects the activities of two bureaus: the Portland Office of Transportation (PoT) and OMF's General Services's Parking Division. For FY 2002-03, the service area's capital budget totals nearly \$39.4 million, or 19.5 percent of the total CIP budget. The FY 2002-07 budget is approximately \$139.7 million.



## OFFICE OF TRANSPORTATION

Portland Transportation projects comprise 96.5 percent of the FY 2002-03 Service Area CIP budget and total approximately \$38.0 million. The budget for the five-year CIP planning period is about \$133.6 million. Portland Transportation projects are budgeted in the following capital programs: Centers and Main Streets, Freight, Local Street and Neighborhood, Preservation and Rehabilitation, and Special

Area.



#### **Centers and Main Streets Program**

The FY 2002-03 CIP budget for this program is about \$8.8 million or 23.3 percent of the Transportation CIP budget. This program provides for projects which support high-priority areas of the Region 2040 Growth Concept and require urban design and integration with adjacent development. Projects in this program support centers that provide access to a variety of goods and services in a relatively small geographical area. Main street projects support a high level of pedestrian and bike amenities and are further supported by transit links between centers.

#### **Freight Program**

The Freight program is budgeted for \$8.2 million in FY 2002-03. This program consists of capital projects which benefit freight corridors in and around the City of Portland while working to inhibit truck encroachment into neighborhoods. Major projects include the North Lombard Overcrossing at \$4.8 million and improvements on Marine Drive at nearly \$2.7 million.

#### **Local Streets and Neighborhoods Program**

This program is budgeted for nearly \$13.4 million in FY 2002-03. It provides for transportation improvements and support mechanisms that address local neighborhood and business access, safety, efficiency, development, and livability needs. Projects include MLK Corridor improvements at \$2.3 million, Foster at 162nd Avenue at \$2.8 million, and improvements in the Lents urban renewal district at \$2.6 million.

<b>Preservation and Rehabilitation Program</b>	The FY 2002-03 budget for this program is nearly \$1.8 million. This program provides for the maintenance and rehabilitation of existing transportation assets at their current and future service levels. It is divided into four subprograms: Structures, Streets, Facilities, and Signals and Streetlights. Signal improvement projects are a major portion of this program.
<b>Special Area Program</b>	The Special Area program is budgeted for \$5.7 million in FY 2002-03. This program provides for large-scale transportation improvements which benefit a specific geographical area or transportation objective, or those which have regional transportation significance. Major projects include new Parking Pay Stations at \$2.9 million, Interstate Max Light Rail at \$711,000, and the Harrison Connector project at \$412,000.
<b>Transportation Sources of Funding</b>	<p>The primary sources of funding for Portland Transportation projects in FY 2002-03 are intergovernmental (49.4%), system development charges (13.0%), and grants &amp; donations (8.2%).</p> <p><b>Intergovernmental</b></p> <p>The largest source of funding in FY 2002-03 is intergovernmental agreements with the Portland Development Commission, TriMet, the Port of Portland, and Multnomah County. The budget includes almost \$18.8 million, or 49.4 percent of the total revenue for FY 2002-03.</p> <p><b>Grants and Donations</b></p> <p>Federal, state, and local grants, plus developer contributions account for \$3.1 million of Transportation's funding in FY 2002-03.</p> <p><b>Bureau Revenues</b></p> <p>Bureau revenues account for nearly \$2.3 million in Transportation's funding for FY 2002-03.</p> <p><b>Fund Balance</b></p> <p>Fund balance or carryover is about \$2.7 million in FY 2002-03.</p> <p><b>System Development Charges</b></p> <p>System development charges (SDCs) account for growth in the transportation system and are more than \$4.9 million in FY 2002-03.</p> <p><b>General Fund Discretionary Revenue</b></p> <p>Transportation received \$350,000 in General Fund discretionary revenues in FY 2002-03 from the General Fund capital set-aside. This funding is for street lighting projects.</p>

#### **General Transportation Revenue**

General Transportation Revenue (GTR) represents the City's share of gas tax revenues, local parking revenues, cash transfers, and fund balance. The bureau uses these funds to leverage additional money from the federal government, other jurisdictions, and the private sector. In addition, some revenues are derived from permit fees. The FY 2002-03 budget includes more than \$1.8 million in GTR, which is 4.8 percent of the total Transportation capital funding.

#### **Revenue Bonds**

Proceeds from revenue bonds are planned to be about \$2.9 million in FY 2002-03.

#### **Service Charges and Fees**

Transportation estimates about \$1.2 million in Service Charges and Fee revenues in FY 2002-03.

### **GENERAL SERVICES**

The City owns seven parking garages in downtown Portland and is currently planning to construct an eighth. The Facilities Services Division of General Services is responsible for capital projects in the garages. It also manages contracts with the Association for Portland Progress to provide day-to-day operation of the garages. In FY 2002-03, nearly \$1.4 million is budgeted for parking garage projects, primarily using garage revenues. The budget for FY 2002-07 is more than \$6.1 million.



# Capital Improvement Plan — Transportation and Parking

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau		Revised	Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Bureau of General Services</b>								
<b>Parking Facilities</b>								
<b>Funding Sources</b>								
Others Financing	0	58,950	1,398,736	988,568	1,337,284	1,184,494	1,196,568	6,105,650
<b>Total Funding Sources</b>	0	58,950	1,398,736	988,568	1,337,284	1,184,494	1,196,568	6,105,650
<b>Project Costs</b>								
Design/ProjMgmt	0	58,950	270,670	240,785	291,393	250,374	233,785	1,287,007
Const/Equip	0	0	1,128,066	747,783	1,045,891	934,120	962,783	4,818,643
<b>Total Project Costs</b>	0	58,950	1,398,736	988,568	1,337,284	1,184,494	1,196,568	6,105,650
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Office of Transportation</b>								
<b>Centers and Main Streets Program</b>								
<b>Funding Sources</b>								
Fund Balance	59,552	100,000	783,451	50,000	0	0	0	833,451
General Transportation Revenue	672,614	0	353,154	74,780	0	53,043	0	480,977
Grants/Donations	9,620	114,385	307,529	616,893	5,675,771	1,795,390	0	8,395,583
Intergovernmental	634,956	1,853,087	7,030,205	5,109,979	3,293,058	7,506,733	0	22,939,975
System Development Charges	264,207	140,700	369,529	878,340	2,521,231	1,500,000	1,173,684	6,442,784
<b>Total Funding Sources</b>	1,640,949	2,208,172	8,843,868	6,729,992	11,490,060	10,855,166	1,173,684	39,092,770
<b>Project Costs</b>								
Planning	476,314	473,950	546,803	76,000	66,000	1,536,000	117,374	2,342,177
Design/ProjMgmt	837,222	1,243,417	1,070,715	980,293	997,038	36,000	234,735	3,318,781
Site Acquisition	0	55,000	10,000	774,936	387,468	0	0	1,172,404
Const/Equip	327,413	435,805	7,216,350	4,898,763	10,039,554	9,283,166	821,575	32,259,408
<b>Total Project Costs</b>	1,640,949	2,208,172	8,843,868	6,729,992	11,490,060	10,855,166	1,173,684	39,092,770
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Freight Program</b>								
<b>Funding Sources</b>								
Bureau Revenues	170,554	125,000	30,801	0	0	0	0	30,801
Fund Balance	0	300,000	320,000	0	0	0	0	320,000
General Transportation Revenue	675,803	440,800	0	0	0	0	0	0
Grants/Donations	815,642	4,761,885	536,849	411,000	20,140,000	0	0	21,087,849
Intergovernmental	1,845,320	7,546,213	4,495,527	458,611	244,033	0	0	5,198,171
System Development Charges	0	3,740,212	2,842,194	30,861	10,784	3,894,895	0	6,778,734
<b>Total Funding Sources</b>	3,507,319	16,914,110	8,225,371	900,472	20,394,817	3,894,895	0	33,415,555
<b>Project Costs</b>								
Planning	620,988	268,766	0	0	0	0	0	0
Design/ProjMgmt	2,548,972	755,424	674,524	427,750	233,249	562,677	0	1,898,200
Site Acquisition	55,830	1,578,550	90,000	472,722	161,568	0	0	724,290
Const/Equip	281,529	14,311,370	7,460,847	0	20,000,000	3,332,218	0	30,793,065
<b>Total Project Costs</b>	3,507,319	16,914,110	8,225,371	900,472	20,394,817	3,894,895	0	33,415,555
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Local Street and Neighborhood Program</b>								
<b>Funding Sources</b>								
Bureau Revenues	372,487	1,274,090	2,194,060	619,604	633,962	378,552	389,781	4,215,959
Fund Balance	413,740	970,504	1,370,000	0	0	0	0	1,370,000
General Transportation Revenue	406,592	596,278	646,068	783,800	600,000	398,500	408,000	2,836,368
Grants/Donations	0	0	442,979	0	0	0	0	442,979
Intergovernmental	228,511	2,802,097	5,895,438	5,515,095	4,826,611	1,550,000	1,550,779	19,337,923
Service Charges and Fees	1,216,189	1,010,985	1,179,438	1,204,200	1,240,600	1,279,100	1,318,800	6,222,138
System Development Charges	21,852	188,056	1,710,650	0	0	0	1,449,829	3,160,479
<b>Total Funding Sources</b>	<b>2,659,371</b>	<b>6,842,010</b>	<b>13,438,633</b>	<b>8,122,699</b>	<b>7,301,173</b>	<b>3,606,152</b>	<b>5,117,189</b>	<b>37,585,846</b>
<b>Project Costs</b>								
Planning	535,107	607,349	419,796	380,933	359,950	309,441	370,187	1,840,307
Design/ProjMgmt	1,001,307	1,628,285	1,847,966	2,034,013	1,591,733	950,699	1,384,351	7,808,762
Site Acquisition	0	179,956	70,000	146,650	14,400	14,900	15,500	261,450
Const/Equip	1,122,957	4,426,420	11,100,871	5,561,103	5,335,090	2,331,112	3,347,151	27,675,327
<b>Total Project Costs</b>	<b>2,659,371</b>	<b>6,842,010</b>	<b>13,438,633</b>	<b>8,122,699</b>	<b>7,301,173</b>	<b>3,606,152</b>	<b>5,117,189</b>	<b>37,585,846</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>51,248</b>	<b>51,248</b>	<b>51,248</b>	<b>51,248</b>	<b>51,248</b>	<b>256,240</b>
<b>Preservation and Rehabilitation Program</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	0	50,000	0	0	0	0	50,000
Fund Balance	0	0	50,000	0	145,000	0	0	195,000
General Fund Discretionary	450,000	450,000	350,000	400,000	400,000	400,000	400,000	1,950,000
General Transportation Revenue	1,100,543	785,627	551,837	1,243,388	758,734	687,946	670,000	3,911,905
Grants/Donations	653,389	138,528	650,112	3,416,116	1,596,774	4,423,526	0	10,086,528
Intergovernmental	1,236	110,435	110,000	0	0	0	0	110,000
<b>Total Funding Sources</b>	<b>2,205,168</b>	<b>1,484,590</b>	<b>1,761,949</b>	<b>5,059,504</b>	<b>2,900,508</b>	<b>5,511,472</b>	<b>1,070,000</b>	<b>16,303,433</b>
<b>Project Costs</b>								
Planning	0	40,000	35,000	40,000	45,000	35,000	35,000	190,000
Design/ProjMgmt	923,538	389,590	696,790	294,800	668,000	90,000	90,000	1,839,590
Site Acquisition	0	0	0	20,000	45,000	0	0	65,000
Const/Equip	1,281,630	1,055,000	1,030,159	4,704,704	2,142,508	5,386,472	945,000	14,208,843
<b>Total Project Costs</b>	<b>2,205,168</b>	<b>1,484,590</b>	<b>1,761,949</b>	<b>5,059,504</b>	<b>2,900,508</b>	<b>5,511,472</b>	<b>1,070,000</b>	<b>16,303,433</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Special Area Program</b>								
<b>Funding Sources</b>								
Fund Balance	0	0	150,174	0	0	0	0	150,174
General Transportation Revenue	34,500	77,000	281,173	186,420	50,594	327,017	372,000	1,217,204
Grants/Donations	1,443,955	2,110,156	1,184,251	260,000	5,000	0	0	1,449,251
Intergovernmental	28,952	1,251,924	1,257,216	0	0	0	0	1,257,216
Revenue Bonds	0	0	2,864,000	0	0	0	0	2,864,000
System Development Charges	0	100,000	0	0	0	291,936	0	291,936
<b>Total Funding Sources</b>	<b>1,507,407</b>	<b>3,539,080</b>	<b>5,736,814</b>	<b>446,420</b>	<b>55,594</b>	<b>618,953</b>	<b>372,000</b>	<b>7,229,781</b>
<b>Project Costs</b>								
Planning	0	159,833	100,000	123,150	25,000	66,936	25,000	340,086
Design/ProjMgmt	313,195	1,222,753	138,536	20,000	0	100,000	0	258,536
Const/Equip	1,194,212	2,156,494	5,498,278	303,270	30,594	452,017	347,000	6,631,159
<b>Total Project Costs</b>	<b>1,507,407</b>	<b>3,539,080</b>	<b>5,736,814</b>	<b>446,420</b>	<b>55,594</b>	<b>618,953</b>	<b>372,000</b>	<b>7,229,781</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Transportation and Parking

## GEOGRAPHIC SUMMARY

This table summarizes capital costs by geographic area for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Geographic Area	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Transportation and Parking								
Bureau of General Services								
Central City	0	58,950	1,398,736	988,568	1,337,284	1,184,494	1,196,568	6,105,650
Total Bureau of General Services	0	58,950	1,398,736	988,568	1,337,284	1,184,494	1,196,568	6,105,650
Office of Transportation								
All Area	1,055,969	1,155,263	1,618,570	1,461,932	1,129,862	2,872,883	1,885,124	8,968,371
Central City	1,493,218	3,335,221	3,800,377	1,363,000	1,400,000	1,441,000	1,484,000	9,488,377
North	4,097,296	17,802,372	8,578,146	760,872	161,568	1,420,388	0	10,920,974
Northeast	596,804	3,913,024	6,777,270	4,072,545	29,836,974	9,034,326	779	49,721,894
Northwest	450,000	518,404	1,813,045	1,836,656	616,008	427,550	400,000	5,093,259
South	0	0	50,000	0	0	0	0	50,000
Southeast	2,343,372	2,268,243	8,999,130	10,930,698	4,980,232	3,809,019	2,764,286	31,483,365
Southwest	1,390,264	1,822,715	6,300,725	833,384	4,017,508	5,481,472	1,198,684	17,831,773
West	93,291	172,720	69,372	0	0	0	0	69,372
Total Office of Transportation	11,520,214	30,987,962	38,006,635	21,259,087	42,142,152	24,486,638	7,732,873	133,627,385
Total Transportation and Parking	\$ 11,520,214	\$ 31,046,912	\$ 39,405,371	\$ 22,247,655	\$ 43,479,436	\$ 25,671,132	\$ 8,929,441	\$139,733,035

# Capital Improvement Plan — Transportation and Parking

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau		Revised		Adopted	Capital Plan			
Capital Program								
Project	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Bureau of General Services</b>								
<b>Parking Facilities</b>								
10th & Yamhill - Repair & Paint Common	0	0	0	40,000	0	0	0	40,000
10th & Yamhill Street Level Improvements	0	0	362,500	0	0	0	0	362,500
10th and Yamhill - Clean and Seal Exterior	0	0	0	0	154,000	0	0	154,000
10th and Yamhill - Derust/Repaint Steel	0	0	0	0	0	208,000	0	208,000
10th and Yamhill - Install Security Fencing	0	0	185,100	0	0	0	0	185,100
10th and Yamhill - Repair Second Floor	0	0	0	0	62,000	0	0	62,000
10th and Yamhill - Waterproof and Seal	0	0	0	86,000	0	0	0	86,000
1st & Jefferson - Install Backup Power for	0	0	119,000	0	0	0	0	119,000
1st and Jefferson - Clean & Seal Exterior	0	0	0	0	0	170,000	0	170,000
1st and Jefferson - Replace/Repair 3rd	0	0	0	0	0	209,000	0	209,000
3rd & Alder - Install Backup Power for	0	0	131,000	0	0	0	0	131,000
3rd and Alder - Clean and Seal Exterior	0	0	0	0	200,000	0	0	200,000
3rd and Alder - Repair Second Floor &	0	0	0	0	202,000	0	0	202,000
3rd and Alder - Seal and Waterproof	0	0	0	110,000	0	0	0	110,000
4th and Yamhill - Clean and Seal Exterior	0	0	0	0	0	201,000	0	201,000
4th and Yamhill - Replace Second Floor &	0	0	0	0	162,000	0	0	162,000
4th and Yamhill - Seal & Waterproof Stair	0	0	0	69,000	0	0	0	69,000
Naito and Davis - Clean, Paint & Seal	0	0	200,000	0	0	0	0	200,000
Naito and Davis - Paint Stairwells, Metal	0	0	0	0	0	154,000	0	154,000
Naito and Davis - Repair Second Floor	0	0	0	154,000	0	0	0	154,000
System Wide - Advanced Parking	0	0	0	50,000	0	0	0	50,000
System Wide - Backlight Corner Signs	0	0	124,000	0	0	0	0	124,000
System Wide - Install Closed Circuit TV	0	0	0	0	488,000	0	0	488,000
System Wide - Interior Paint & Sineage	0	58,950	277,136	138,568	69,284	242,494	138,568	866,050
System Wide - Lighting Upgrades	0	0	0	341,000	0	0	1,058,000	1,399,000
<b>Total Parking Facilities</b>	0	58,950	1,398,736	988,568	1,337,284	1,184,494	1,196,568	6,105,650
<b>Total Bureau of General Services</b>	0	58,950	1,398,736	988,568	1,337,284	1,184,494	1,196,568	6,105,650
<b>Office of Transportation</b>								
<b>Centers and Main Streets Program</b>								
3rd & 4th Streetscape, NW	0	37,733	275,844	1,225,000	0	0	0	1,500,844
99th at Glisan, NE	0	100,000	483,451	0	0	0	0	483,451
Burnside Redev: 23rd - Bridge, W	93,291	172,720	69,372	0	0	0	0	69,372
Cully Blvd: Prescott-Killingsw	0	0	0	0	0	0	1,173,684	1,173,684
Foster Road TGM	0	14,385	48,100	0	0	0	0	48,100
Gateway	0	83,112	44,156	0	0	1,500,000	0	1,544,156
Hawthorne: 20th - 55th, SE	691,029	140,700	361,110	442,481	63,650	0	0	867,241
Lents TC: Foster/Woodstock Ph3	0	0	151,683	3,553,283	2,873,058	2,041,733	0	8,619,757
Lents TC: Foster/Woodstock, SE	433,845	97,361	732,619	807,036	0	0	0	1,539,655
Lombard (St Johns - MLK) HEP Match, N	0	0	50,000	0	0	0	0	50,000
MLK Streetscape Asst Prg, NE	0	122,893	108,201	120,000	120,000	120,000	0	468,201
N Macadam: Bond Ave., SW	11,579	705,000	4,494,437	43,000	0	0	0	4,537,437
N Macadam: Development Asst, SW	116,374	15,000	15,084	10,000	2,500,000	0	0	2,525,084
N Macadam: River Parkway, SW	0	0	0	30,000	300,000	5,345,000	0	5,675,000
NE Alberta: MLK - 33rd, NE	294,831	719,268	1,567,578	0	0	0	0	1,567,578
NE Lombard @ Portsmouth HEP, N	0	0	0	0	0	25,493	0	25,493
NE Sandy (37-43) HEP, NE	0	0	0	39,780	0	0	0	39,780
NE Sandy @ 57th HEP, NE	0	0	0	35,000	0	0	0	35,000
NW Bridge @ Germantown HEP, NW	0	0	0	0	0	27,550	0	27,550
Sandy Blvd: 13th - 47th, NE	0	0	342,233	424,412	5,633,352	1,795,390	0	8,195,387
Sandy/Burnside - 33rd HEP Match, NE	0	0	50,000	0	0	0	0	50,000
South Corridor Study	0	0	50,000	0	0	0	0	50,000
<b>Total Centers and Main Streets Program</b>	1,640,949	2,208,172	8,843,868	6,729,992	11,490,060	10,855,166	1,173,684	39,092,770
<b>Freight Program</b>								
Col/Killingsworth E Conn, NE	270,954	268,766	674,524	427,750	20,233,249	2,500,000	0	23,835,523
Lower Albina Overcrossing, N	885,895	6,021,885	30,801	0	0	0	0	30,801

# Capital Improvement Plan — Transportation and Parking

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

<b>Bureau</b>								
<b>Capital Program</b>	<b>Revised</b>		<b>Adopted</b>	<b>Capital Plan</b>				
<b>Project</b>	<b>Prior Years</b>	<b>FY 2001-02</b>	<b>FY 2002-03</b>	<b>FY 2003-04</b>	<b>FY 2004-05</b>	<b>FY 2005-06</b>	<b>FY 2006-07</b>	<b>5-Year Total</b>
Marine Dr: Col St-2.4 Mi E, N	2,079,200	9,868,035	2,693,703	0	0	0	0	2,693,703
S Rvgt. RRO-Pass: Lom, Bur, Col, N	271,270	755,424	4,826,343	472,722	161,568	1,394,895	0	6,855,528
<b>Total Freight Program</b>	<b>3,507,319</b>	<b>16,914,110</b>	<b>8,225,371</b>	<b>900,472</b>	<b>20,394,817</b>	<b>3,894,895</b>	<b>0</b>	<b>33,415,555</b>
<b>Local Street and Neighborhood Program</b>								
Bertha Court, SW	115,449	150,560	282,045	0	0	0	0	282,045
Bikeway Network Completion, CW	25,215	150,000	49,802	50,000	50,000	50,000	50,000	249,802
Clark/105th/Holman, NE	31,019	242,855	1,090,596	603	1,373	0	779	1,093,351
Comm/Industrial Street Prgm, CW	871,560	555,421	610,300	721,000	742,000	765,000	789,000	3,627,300
Corbett Traffic Phase III, SW	6,382	50,000	0	100,000	0	0	0	100,000
Deficiency Corrections Prgm, CW	204,189	100,000	50,000	50,000	50,000	50,000	50,000	250,000
Foster at 162nd, SE	413,740	1,008,000	2,836,928	0	0	0	0	2,836,928
Foster at Barbara Welch, SE	0	0	0	0	0	0	1,000,000	1,000,000
Fremont/MLK Intersection, NE	0	0	100,000	0	210,000	0	0	310,000
HCD Street Design, NI	0	66,712	50,000	50,000	50,000	0	0	150,000
HEP Project - Powell, 82nd, 102nd	0	0	261,651	0	0	0	0	261,651
Lents TC: 92nd Ave, SE	56,689	0	35,007	589,492	869,238	0	0	1,493,737
Lents TC: Neighborhood Sts, SE	302,376	400,000	2,556,244	714,286	714,286	714,286	714,286	5,413,388
Lents TC: Traffic Safety, SE	0	200,000	464,928	1,450,000	450,000	1,050,000	1,050,000	4,464,928
LID Street Design, NI	0	99,500	196,488	173,662	183,668	194,266	205,495	953,579
Minor Permit Streets Prgm, CW	199,339	185,939	195,689	195,000	200,600	206,600	212,800	1,010,689
MLK Corridor Eng & Con. NE	0	2,359,242	2,310,722	2,975,000	3,006,000	0	0	8,291,722
Naito Parkway LID, NW	0	30,671	113,201	211,656	216,008	0	0	540,865
Old Town Skatepark	52,206	0	271,919	0	0	0	0	271,919
Ped Crossing Projects, CW	0	100,000	50,127	50,000	50,000	50,000	50,000	250,127
Pine/119th LID/HCD, SE	0	177,207	1,032,809	0	0	0	0	1,032,809
Prescott Park Sidewalks	0	0	70,000	0	0	0	0	70,000
Rosemont, N	70,111	500,000	97,584	0	0	0	0	97,584
Sign Removal	0	0	42,648	0	0	0	0	42,648
Speed Reduction	0	0	200,000	300,000	0	0	0	500,000
Subdivision Street Program, CW	304,956	426,480	443,421	459,000	472,000	487,000	503,000	2,364,421
Substandard Street Program, CW	6,140	39,423	26,524	33,000	36,000	39,000	42,000	176,524
SW Multnomah Blvd/Garden Home	0	0	0	0	0	0	449,829	449,829
<b>Total Local Street and Neighborhood</b>	<b>2,659,371</b>	<b>6,842,010</b>	<b>13,438,633</b>	<b>8,122,699</b>	<b>7,301,173</b>	<b>3,606,152</b>	<b>5,117,189</b>	<b>37,585,846</b>
<b>Preservation and Rehabilitation Program</b>								
Bybee Blvd Over McLoughlin, SE	0	39,000	92,558	3,223,000	0	0	0	3,315,558
CBD Cable Replacement, SW/NW	450,000	450,000	350,000	400,000	400,000	400,000	400,000	1,950,000
ESA Culvert Replacement	0	0	100,000	0	0	0	0	100,000
Johnson Creek: 32nd - 45th, SE	445,693	191,590	315,917	141,120	0	0	0	457,037
MLK Viaduct	0	0	39,576	10,000	10,000	3,000	0	62,576
Naito Pkwy: Davis - Market NW, SW	452,845	84,000	374,656	513,884	1,009,008	111,472	0	2,009,020
NE 33rd Over Columbia St, NE	0	0	0	0	240,000	1,210,000	0	1,450,000
NE 33rd Over Lombard & UPPR, NE	0	0	0	0	393,000	3,117,000	0	3,510,000
Signal Communication System	101,736	150,000	99,909	100,000	100,000	100,000	100,000	499,909
Signal Reconstruction, NI	754,894	570,000	389,333	570,000	570,000	570,000	570,000	2,669,333
SW Champlain Semi Viaduct	0	0	0	101,500	178,500	0	0	280,000
<b>Total Preservation and Rehabilitation</b>	<b>2,205,168</b>	<b>1,484,590</b>	<b>1,761,949</b>	<b>5,059,504</b>	<b>2,900,508</b>	<b>5,511,472</b>	<b>1,070,000</b>	<b>16,303,433</b>
<b>Special Area Program</b>								
Greeley/Interstate Bikeway, N	0	0	78,571	0	0	0	0	78,571
Harrison Connector, SW	0	750,000	412,064	0	0	0	0	412,064
Interstate MAX Light Rail, N	790,820	497,195	711,144	200,000	0	0	0	911,144
Interstate Urban Renewal	0	159,833	90,000	88,150	0	0	0	178,150
ITS Corridor, NE	0	0	0	0	0	291,936	0	291,936
ITS Signal System Upgrade, NI	0	0	300,347	0	0	0	0	300,347
MLK ITS Corridor, NE	0	100,000	49,965	50,000	0	0	0	99,965
OTIA Program Match Funds	0	0	0	73,270	25,594	302,017	347,000	747,881
Pay Stations	0	0	1,790,000	0	0	0	0	1,790,000
Pay Stations for NW	0	0	1,074,000	0	0	0	0	1,074,000
RATS Ph I - Steel Bridge NE/CC	0	0	10,000	0	0	0	0	10,000

# Capital Improvement Plan — Transportation and Parking

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau		Revised		Adopted	Capital Plan			
Capital Program								
Project	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Streetcar Phase III, SW	0	35,000	711,354	25,000	25,000	25,000	25,000	811,354
Sunset Highway Support, SW	687,635	33,155	11,085	10,000	5,000	0	0	26,085
Tea-21 Signal Priority, CW	0	1,579,806	349,486	0	0	0	0	349,486
Tri-Met Streamline, CW	0	0	120,320	0	0	0	0	120,320
Union Station/6th Ave Extens	28,952	384,091	28,478	0	0	0	0	28,478
<b>Total Special Area Program</b>	<b>1,507,407</b>	<b>3,539,080</b>	<b>5,736,814</b>	<b>446,420</b>	<b>55,594</b>	<b>618,953</b>	<b>372,000</b>	<b>7,229,781</b>
<b>Total Office of Transportation</b>	<b>11,520,214</b>	<b>30,987,962</b>	<b>38,006,635</b>	<b>21,259,087</b>	<b>42,142,152</b>	<b>24,486,638</b>	<b>7,732,873</b>	<b>133,627,385</b>
<b>Total Transportation and Parking</b>	<b>\$ 11,520,214</b>	<b>\$ 31,046,912</b>	<b>\$ 39,405,371</b>	<b>\$ 22,247,655</b>	<b>\$ 43,479,436</b>	<b>\$ 25,671,132</b>	<b>\$ 8,929,441</b>	<b>\$139,733,035</b>

# Capital Improvement Plan — Transportation and Parking

## Bureau of General Services

### PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

#### Parking Facilities

##### 10th & Yamhill - Repair & Paint Common Walls & Restrooms

Area: CC  
Repair/Maint

###### Project Description

Periodic repair and repainting of these surfaces will keep these spaces presentable to tenants and tenant guests. For this project, scheduled for FY 04, wall surfaces will be examined and structural damage will be repaired. The walls will be finished and painted.

###### Funding Sources

###### Others Financing

Total Funding Sources	0	0	0	40,000	0	0	0	40,000
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###### Project Costs

Design/ProjMgmt	0	0	0	9,000	0	0	0	9,000
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Const/Equip	0	0	0	31,000	0	0	0	31,000
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Total Project Costs	0	0	0	40,000	0	0	0	40,000
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Fund Level Costs	0	0	0	0	0	0	0	0
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Oper & Maint Costs	0	0	0	0	0	0	0	0
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##### 10th & Yamhill Street Level Improvements

Area: CC  
Replacement

###### Project Description

This project, while originally scheduled for FY 02, was delayed until FY 03 to await a decision regarding how this facility might be affected by the mid-town urban renewal plan. The Project will bring street level improvements to the garage on all four sides including: improved lighting quality, re-surfacing of walls, ceilings, and pedestrian surfaces. The north and south breezeways and the four elevator lobbies on each corner of the facility will be upgraded.

###### Funding Sources

Others Financing	0	0	362,500	0	0	0	0	362,500
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Total Funding Sources	0	0	362,500	0	0	0	0	362,500
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###### Project Costs

Design/ProjMgmt	0	0	66,800	0	0	0	0	66,800
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Const/Equip	0	0	295,700	0	0	0	0	295,700
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Total Project Costs	0	0	362,500	0	0	0	0	362,500
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Fund Level Costs	0	0	0	0	0	0	0	0
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Oper & Maint Costs	0	0	0	0	0	0	0	0
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##### 10th and Yamhill - Clean and Seal Exterior Brick and Masonar

Area: CC  
Repair/Maint

###### Project Description

This project, scheduled for FY 05, will include cleaning and applying a sealer coat to the exterior masonry surfaces of the building.

###### Funding Sources

Others Financing	0	0	0	0	154,000	0	0	154,000
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Total Funding Sources	0	0	0	0	154,000	0	0	154,000
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###### Project Costs

Design/ProjMgmt	0	0	0	0	36,000	0	0	36,000
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Const/Equip	0	0	0	0	118,000	0	0	118,000
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Total Project Costs	0	0	0	0	154,000	0	0	154,000
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Fund Level Costs	0	0	0	0	0	0	0	0
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Oper & Maint Costs	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Transportation and Parking**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
10th and Yamhill - Derust/Repaint Steel Decking								
	Area:							CC
	Repair/Maint							
Project Description								
This FY 06 project will derust, preserve, and repaint the steel decks (top two floors) of the 10th and Yamhill parking garage. The existing paint coating needs to be replaced periodically to preserve the steel strength and appearance. A rust retardant will be applied first, followed by a paint topcoat.								
Funding Sources								
Others Financing	0	0	0	0	0	208,000	0	208,000
Total Funding Sources	0	0	0	0	0	208,000	0	208,000
Project Costs								
Design/ProjMgmt	0	0	0	0	0	42,000	0	42,000
Const/Equip	0	0	0	0	0	166,000	0	166,000
Total Project Costs	0	0	0	0	0	208,000	0	208,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
10th and Yamhill - Install Security Fencing								
	Area:							CC
	Expansion							
Project Description								
The 10th and Yamhill Garage is subject to a great deal of vandalism. It is an open system garage with little way to keep individuals from trespassing on the premises and doing damage or, worse, injuring themselves or others. A decorative, security fencing system that has scanning devices to read parking tickets and release locked gates only to those individuals who need to get to their cars would greatly reduce the opportunity for trespassing and vandalism. The project, scheduled for FY 03 to coincide with the planned street level improvements, would consist of installing a series of decorative fences with one way gates that would only allow re-entry by scanning a parking patron's ticket and then releasing a locked gate.								
Funding Sources								
Others Financing	0	0	185,100	0	0	0	0	185,100
Total Funding Sources	0	0	185,100	0	0	0	0	185,100
Project Costs								
Design/ProjMgmt	0	0	37,300	0	0	0	0	37,300
Const/Equip	0	0	147,800	0	0	0	0	147,800
Total Project Costs	0	0	185,100	0	0	0	0	185,100
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
10th and Yamhill - Repair Second Floor Deck Coating								
	Area:							CC
	Repair/Maint							
Project Description								
This floor of the parking garage get the most traffic as all vehicles must pass through it to get to the upper decks. It also forms the roof of the ground floor tenant spaces. As a result, the deck must be re-coated on a regular schedule to prevent water from seeping into the tenant spaces below and to prevent damage to the structural components of the parking deck. This project, scheduled for FY 04-05, involves repairing the floor deck coating by replacing sections that are worn through. The existing coating, applied in 1999, is warranted for 5 years.								
Funding Sources								
Others Financing	0	0	0	0	62,000	0	0	62,000
Total Funding Sources	0	0	0	0	62,000	0	0	62,000
Project Costs								
Design/ProjMgmt	0	0	0	0	15,000	0	0	15,000
Const/Equip	0	0	0	0	47,000	0	0	47,000
Total Project Costs	0	0	0	0	62,000	0	0	62,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0



# Capital Improvement Plan — Transportation and Parking

## Bureau of General Services

### PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

#### 10th and Yamhill - Waterproof and Seal Stairwells

Area: CC  
Repair/Maint

##### Project Description

An on-going problem for the 10th and Yamhill garage has been the continued use of the garage's stairwells as bathroom facilities. The odor and staining is offensive to paying parking patrons. The porous concrete adds to the difficulty of keeping the stairwells clean and, even though the stairwells are power washed on a regular schedule, the problem lingers. By sealing these porous surfaces, cleaning staff will be more successful in removing odor and stains. The procedure was last performed in FY 01. The plan is to apply the concrete sealer and waterproofing on all stairwell surfaces up to a height of three feet again in FY 04.

##### Funding Sources

Others Financing	0	0	0	86,000	0	0	0	86,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86,000</b>

##### Project Costs

Design/ProjMgmt	0	0	0	20,000	0	0	0	20,000
Const/Equip	0	0	0	66,000	0	0	0	66,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

#### 1st & Jefferson - Install Backup Power for Egress Lighting

Area: CC  
Replacement

##### Project Description

The garage is equipped with emergency exit lighting. When the power is interrupted, as is often the case in emergency situations, the emergency lighting must have a power supply that is independent from normal utility sources. The project involves installing an emergency lighting system which will be tied into an independent battery supported system. This project is scheduled for FY 03.

##### Funding Sources

Others Financing	0	0	119,000	0	0	0	0	119,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>119,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>119,000</b>

##### Project Costs

Design/ProjMgmt	0	0	24,000	0	0	0	0	24,000
Const/Equip	0	0	95,000	0	0	0	0	95,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>119,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>119,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

#### 1st and Jefferson - Clean & Seal Exterior Brick and Masonry

Area: CC  
Repair/Maint

##### Project Description

Cleaning and sealing the exterior of the building is necessary every several years to maintain the structural integrity and appearance of the building by preventing damage due to water intrusion. The schedule would have this procedure performed next in FY 06.

##### Funding Sources

Others Financing	0	0	0	0	0	170,000	0	170,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>170,000</b>	<b>0</b>	<b>170,000</b>

##### Project Costs

Design/ProjMgmt	0	0	0	0	0	40,000	0	40,000
Const/Equip	0	0	0	0	0	130,000	0	130,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>170,000</b>	<b>0</b>	<b>170,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Transportation and Parking**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>1st and Jefferson - Replace/Repair 3rd Floor Deck Coating</b>								
							<b>Area:</b>	<b>CC</b>
							Repair/Maint	
<b>Project Description</b>								
This floor of the parking garage gets the most traffic of any portion of the garage, because all vehicles pass through it; it is also the ceiling for ground floor retail businesses. As a result, the deck must be re-coated on a regular schedule to prevent water from seeping into the tenant spaces on the second floor and from damaging the structural components of the parking garage. The benefits to this project include maintaining the structural and waterproof integrity of the 1st and Jefferson parking garage and reducing the likelihood of water leaking into the tenant spaces located on the 2nd floor. This project, scheduled for FY 06, will replace and repair portions of the 3rd floor deck coating. Without this work being done on a regular schedule, the deck will begin leaking and deteriorate the concrete and some of the reinforcement rods. The leaking of the water through the deck may cause damage to the occupied tenant spaces below.								
<b>Funding Sources</b>								
Others Financing	0	0	0	0	0	209,000	0	209,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>209,000</b>	<b>0</b>	<b>209,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	0	49,000	0	49,000
Const/Equip	0	0	0	0	0	160,000	0	160,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>209,000</b>	<b>0</b>	<b>209,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>3rd &amp; Alder - Install Backup Power for Egress Lighting</b>								
							<b>Area:</b>	<b>CC</b>
							Replacement	
<b>Project Description</b>								
The garage is equipped with emergency exit lighting. When the power is interrupted, as is often the case in emergency situations, the emergency lighting must have a power supply that is independent from normal utility sources. The project involves installing an emergency lighting system which will be tied into an independent battery supported system. This project is scheduled for FY 03.								
<b>Funding Sources</b>								
Others Financing	0	0	131,000	0	0	0	0	131,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>131,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	26,000	0	0	0	0	26,000
Const/Equip	0	0	105,000	0	0	0	0	105,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>131,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>3rd and Alder - Clean and Seal Exterior Brick and Masonary</b>								
							<b>Area:</b>	<b>CC</b>
							Repair/Maint	
<b>Project Description</b>								
Cleaning and sealing the exterior of the building will maintain the structural integrity and appearance of the building by preventing damage due to water intrusion. This project, scheduled for FY 05, will include cleaning and applying a sealer coat to the exterior masonry surfaces of the building.								
<b>Funding Sources</b>								
Others Financing	0	0	0	0	200,000	0	0	200,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	46,000	0	0	46,000
Const/Equip	0	0	0	0	154,000	0	0	154,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

**Capital Improvement Plan — Transportation and Parking**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**3rd and Alder - Repair Second Floor & Roof Deck Coating**

**Area:** CC  
Repair/Maint

**Project Description**

Waterproofing and sealing the 2nd floor protects the tenant spaces below from water leakage from the garage. Waterproofing and sealing the roof protects the decking from the weather and the degradation of the deck surface and its reinforcement structure. The project, scheduled for FY 05, involves installing a deck coating on the second floor and roof and sealing the surfaces from leakage and water damage.

**Funding Sources**

Others Financing	0	0	0	0	202,000	0	0	202,000
<b>Total Funding Sources</b>	0	0	0	0	202,000	0	0	202,000

**Project Costs**

Design/ProjMgmt	0	0	0	0	48,000	0	0	48,000
Const/Equip	0	0	0	0	154,000	0	0	154,000
<b>Total Project Costs</b>	0	0	0	0	202,000	0	0	202,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**3rd and Alder - Seal and Waterproof Stairwells**

**Area:** CC  
Repair/Maint

**Project Description**

The concrete stairs deteriorate due to weather and exposure. They develop and exhibit cracks. By sealing water out of the cracks, the steps are better protected from freeze damage. The FY 04 project includes removing dirt accumulation and preparing and coating the surface with a suitable sealing material, followed by the application of a non-skid surface to the top of each step.

**Funding Sources**

Others Financing	0	0	0	110,000	0	0	0	110,000
<b>Total Funding Sources</b>	0	0	0	110,000	0	0	0	110,000

**Project Costs**

Design/ProjMgmt	0	0	0	20,000	0	0	0	20,000
Const/Equip	0	0	0	90,000	0	0	0	90,000
<b>Total Project Costs</b>	0	0	0	110,000	0	0	0	110,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**4th and Yamhill - Clean and Seal Exterior Brick and Masonary**

**Area:** CC  
Repair/Maint

**Project Description**

Cleaning and sealing the exterior of the building will maintain the structural integrity and appearance of the building by preventing damage due to water intrusion. This project is planned for FY 06.

**Funding Sources**

Others Financing	0	0	0	0	0	201,000	0	201,000
<b>Total Funding Sources</b>	0	0	0	0	0	201,000	0	201,000

**Project Costs**

Design/ProjMgmt	0	0	0	0	0	47,000	0	47,000
Const/Equip	0	0	0	0	0	154,000	0	154,000
<b>Total Project Costs</b>	0	0	0	0	0	201,000	0	201,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Transportation and Parking**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

**4th and Yamhill - Replace Second Floor & Roof Deck Coating**

Area: CC  
Repair/Maint

**Project Description**

Waterproofing and sealing the 2nd floor protects the tenant spaces below from water leakage from the garage. Waterproofing and sealing the roof protects the decking from the weather and the degradation of the deck surface and its reinforcement structure. The FY 05 project involves installing a deck coating on the second floor and roof and sealing the surfaces from leakage and water damage.

**Funding Sources**

Others Financing	0	0	0	0	162,000	0	0	162,000
<b>Total Funding Sources</b>	0	0	0	0	162,000	0	0	162,000

**Project Costs**

Design/ProjMgmt	0	0	0	0	38,000	0	0	38,000
Const/Equip	0	0	0	0	124,000	0	0	124,000
<b>Total Project Costs</b>	0	0	0	0	162,000	0	0	162,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**4th and Yamhill - Seal & Waterproof Stair Steps**

Area: CC  
Repair/Maint

**Project Description**

Stairs deteriorate due to weather and exposure. They develop and exhibit cracks. By sealing water out of the cracks, the steps are better protected from freeze damage. The project, scheduled for FY 04, includes removing dirt accumulation and preparing and coating the surface with a suitable sealing material, followed by the application of a non-skid surface to the top of each step.

**Funding Sources**

Others Financing	0	0	0	69,000	0	0	0	69,000
<b>Total Funding Sources</b>	0	0	0	69,000	0	0	0	69,000

**Project Costs**

Design/ProjMgmt	0	0	0	16,000	0	0	0	16,000
Const/Equip	0	0	0	53,000	0	0	0	53,000
<b>Total Project Costs</b>	0	0	0	69,000	0	0	0	69,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Naito and Davis - Clean, Paint & Seal Exterior Surfaces**

Area: CC  
Repair/Maint

**Project Description**

This FY 03 project is part of a scheduled program to keep garage exteriors presentable and to protect surfaces and structural components from weather related deterioration. Surfaces are cleaned, brickwork is sealed, and painted surfaces re-painted. This project addresses the brick surfaces at the Naito and Davis Garage.

**Funding Sources**

Others Financing	0	0	200,000	0	0	0	0	200,000
<b>Total Funding Sources</b>	0	0	200,000	0	0	0	0	200,000

**Project Costs**

Design/ProjMgmt	0	0	46,000	0	0	0	0	46,000
Const/Equip	0	0	154,000	0	0	0	0	154,000
<b>Total Project Costs</b>	0	0	200,000	0	0	0	0	200,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## Bureau of General Services

### PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

#### Naito and Davis - Paint Stairwells, Metal Stairs & Lobbies

Area: CC  
Repair/Maint

##### Project Description

This project will improve the appearance and maintain functionality of the garage patron access areas. The lobbies and stairwells are heavily used. Further, there is a high incidence of vandalism requiring regular, periodic renovation. The FY 06 project involves refurbishing the lobbies and stairwells by repairing, refinishing and painting the surfaces.

##### Funding Sources

Others Financing	0	0	0	0	0	154,000	0	154,000
<b>Total Funding Sources</b>	0	0	0	0	0	154,000	0	154,000

##### Project Costs

Design/ProjMgmt	0	0	0	0	0	36,000	0	36,000
Const/Equip	0	0	0	0	0	118,000	0	118,000
<b>Total Project Costs</b>	0	0	0	0	0	154,000	0	154,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

#### Naito and Davis - Repair Second Floor Deck Coating

Area: CC  
Repair/Maint

##### Project Description

This project, scheduled for FY 04, will replace and repair portions of the 2nd floor deck coating. This work needs to be done on a regular schedule to prevent the deck from leaking and deteriorating the concrete and some of the reinforcement rods. The coating will seal and waterproof the deck.

##### Funding Sources

Others Financing	0	0	0	154,000	0	0	0	154,000
<b>Total Funding Sources</b>	0	0	0	154,000	0	0	0	154,000

##### Project Costs

Design/ProjMgmt	0	0	0	36,000	0	0	0	36,000
Const/Equip	0	0	0	118,000	0	0	0	118,000
<b>Total Project Costs</b>	0	0	0	154,000	0	0	0	154,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

#### System Wide - Advanced Parking Information System Study

Area: CC  
Expansion

##### Project Description

This represents Smart Park's portion of the cost of a feasibility study, scheduled for FY 04 and lead by PDOT, to determine the need for an Advanced Parking Information System in Portland. The system includes electronic signs that would be placed at all major entrances to downtown, such as 13th and Market, Morrison and Hawthorne bridgeheads, etc. The goal of an APIS is to minimize traffic congestion by directing traffic to Smart Park garages with parking availability.

##### Funding Sources

Others Financing	0	0	0	50,000	0	0	0	50,000
<b>Total Funding Sources</b>	0	0	0	50,000	0	0	0	50,000

##### Project Costs

Design/ProjMgmt	0	0	0	50,000	0	0	0	50,000
Const/Equip	0	0	0	0	0	0	0	0
<b>Total Project Costs</b>	0	0	0	50,000	0	0	0	50,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Transportation and Parking**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**System Wide - Backlight Corner Signs**

**Area:** CC  
Replacement

**Project Description**

This FY 04 project will increase the visibility and marketing effectiveness of garage signage. Current blade signs will be replaced with re-designed signs that upgrade the signage appearance. Facility will be wired to provide power access.

**Funding Sources**

Others Financing	0	0	124,000	0	0	0	0	124,000
<b>Total Funding Sources</b>	0	0	124,000	0	0	0	0	124,000

**Project Costs**

Design/ProjMgmt	0	0	29,000	0	0	0	0	29,000
Const/Equip	0	0	95,000	0	0	0	0	95,000
<b>Total Project Costs</b>	0	0	124,000	0	0	0	0	124,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**System Wide - Install Closed Circuit TV**

**Area:** CC  
Expansion

**Project Description**

An electronic surveillance system would enhance the security at the Smart Park garages and reduce the amount of security labor needed on site. The FY 05 project includes installing two CCTV units composed of a closed circuit TV and its vandal-proof housing on each floor and in each garage elevator for the five major garages in the Smart Park system and a 24-hour monitoring and recording system at The Portland Building Monitoring Center.

**Funding Sources**

Others Financing	0	0	0	0	488,000	0	0	488,000
<b>Total Funding Sources</b>	0	0	0	0	488,000	0	0	488,000

**Project Costs**

Design/ProjMgmt	0	0	0	0	98,000	0	0	98,000
Const/Equip	0	0	0	0	390,000	0	0	390,000
<b>Total Project Costs</b>	0	0	0	0	488,000	0	0	488,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**System Wide - Interior Paint & Sineage**

**Area:** CC  
Repair/Maint

**Project Description**

As the Smart Park garages age and endure heavy use the public perception shifts and the older garages are often described as dark, confusing and even unsafe. While the comprehensive program will be developed in FY 02, FY's 03 through 07 will see the program applied in each of the garages where interior painting and directional signage are coordinated to improve garage appearance and provide parking patrons with better guidance in coming to and from the parking levels.

**Funding Sources**

Others Financing	0	58,950	277,136	138,568	69,284	242,494	138,568	866,050
<b>Total Funding Sources</b>	0	58,950	277,136	138,568	69,284	242,494	138,568	866,050

**Project Costs**

Design/ProjMgmt	0	58,950	41,570	20,785	10,393	36,374	20,785	129,907
Const/Equip	0	0	235,566	117,783	58,891	206,120	117,783	736,143
<b>Total Project Costs</b>	0	58,950	277,136	138,568	69,284	242,494	138,568	866,050

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Transportation and Parking**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>System Wide - Lighting Upgrades</b>								
	<b>Area:</b>							CC
								Replacement
<b>Project Description</b>								
Each of the garage lighting systems will be replaced with light fixtures that provide a whiter and brighter quality of light and cycle off , as needed, to extend fixture and lamp lifetimes. Improved lighting quality, intensity and color will bring a higher level of visibility and safety to the garage decks, elevator lobbies and stairwells. The lighting improvements for the 3rd & Yamhill garage are planned for FY 04 to follow upon some other major maintenance planned for that facility. The CIP plan would have the rest of the garages receive lighting upgrades in FY 07.								
<b>Funding Sources</b>								
Others Financing	0	0	0	341,000	0	0	1,058,000	1,399,000
<b>Total Funding Sources</b>	0	0	0	341,000	0	0	1,058,000	1,399,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	69,000	0	0	213,000	282,000
Const/Equip	0	0	0	272,000	0	0	845,000	1,117,000
<b>Total Project Costs</b>	0	0	0	341,000	0	0	1,058,000	1,399,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total

### Centers and Main Streets Program

#### 3rd & 4th Streetscape, NW

Area: NW  
Repair/Maint

##### Project Description

This project will plan and construct streetscape improvements for NW 3rd and 4th Avenues between W Burnside and NW Hoyt. The project is funded by PDC.

##### Funding Sources

Intergovernmental	0	37,733	275,844	1,225,000	0	0	0	1,500,844
<b>Total Funding Sources</b>	<b>0</b>	<b>37,733</b>	<b>275,844</b>	<b>1,225,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,844</b>

##### Project Costs

Planning	0	37,733	0	0	0	0	0	0
Design/ProjMgmt	0	0	275,844	0	0	0	0	275,844
Const/Equip	0	0	0	1,225,000	0	0	0	1,225,000
<b>Total Project Costs</b>	<b>0</b>	<b>37,733</b>	<b>275,844</b>	<b>1,225,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,844</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

#### 99th at Glisan, NE

Area: NE  
Efficiency

##### Project Description

Realignment of south leg of 99th Avenue to match north. Includes new traffic signal.

##### Funding Sources

Fund Balance	0	100,000	483,451	0	0	0	0	483,451
<b>Total Funding Sources</b>	<b>0</b>	<b>100,000</b>	<b>483,451</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>483,451</b>

##### Project Costs

Design/ProjMgmt	0	100,000	0	0	0	0	0	0
Const/Equip	0	0	483,451	0	0	0	0	483,451
<b>Total Project Costs</b>	<b>0</b>	<b>100,000</b>	<b>483,451</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>483,451</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

#### Burnside Redev: 23rd - Bridge, W

Area: W  
Efficiency

##### Project Description

The West Burnside Street Project is to define the transportation needs for this street from the Burnside Bridge to NW 23rd Ave. Project scope is to consider the needs for improvements to support economic revitalization of this corridor with on-street parking and pedestrian improvements, while balancing the transportation need for traffic, buses, and bicycles.

##### Funding Sources

Grants/Donations	0	100,000	40,000	0	0	0	0	40,000
General Transportation Revenue	71,630	0	0	0	0	0	0	0
Intergovernmental	21,661	72,720	29,372	0	0	0	0	29,372
<b>Total Funding Sources</b>	<b>93,291</b>	<b>172,720</b>	<b>69,372</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>69,372</b>

##### Project Costs

Planning	93,291	172,720	69,372	0	0	0	0	69,372
<b>Total Project Costs</b>	<b>93,291</b>	<b>172,720</b>	<b>69,372</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>69,372</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>



# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

### Cully Blvd: Prescott-Killingsw

Area: SW  
Replacement

#### Project Description

Project will plan, design, and reconstruct roadway to provide curbs, sidewalks and bike lanes and improve access to transit. Project will also plan, design, and construct new traffic signal and intersection improvements at NE Cully/60th/Prescott.

#### Funding Sources

System Development Charges	0	0	0	0	0	0	1,173,684	1,173,684
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,173,684</b>	<b>1,173,684</b>

#### Project Costs

Planning	0	0	0	0	0	0	117,374	117,374
Design/ProjMgmt	0	0	0	0	0	0	234,735	234,735
Const/Equip	0	0	0	0	0	0	821,575	821,575
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,173,684</b>	<b>1,173,684</b>

#### Fund Level Costs

	0	0	0	0	0	0	0	0
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#### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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### Foster Road TGM

Area: SE  
Efficiency

#### Project Description

This project will develop a transportation and urban design plan for City Council adoption. The intent is to identify improvements in the public ROW on private property that will complement each other and create a vision for compact mixed-use and pedestrian friendly development.

#### Funding Sources

Grants/Donations	0	14,385	48,100	0	0	0	0	48,100
<b>Total Funding Sources</b>	<b>0</b>	<b>14,385</b>	<b>48,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>48,100</b>

#### Project Costs

Planning	0	14,385	48,100	0	0	0	0	48,100
<b>Total Project Costs</b>	<b>0</b>	<b>14,385</b>	<b>48,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>48,100</b>

#### Fund Level Costs

	0	0	0	0	0	0	0	0
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#### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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### Gateway

Area: All  
Expansion

#### Project Description

Gateway is designated as a regional center in Metro's Region 2040 plan. The only regional center in the City. The Gateway Concept Plan and Transportation Plan have been supplemented by TGM grant to create a Conceptual Plan for a boulevard on 102nd, a formal Street Plan and a Traffic Operations Plan. Planning has now moved into the implementation stage with the receipt of an MTIP grant to begin Preliminary Engineering on the 102nd Ave.

#### Funding Sources

System Development Charges	0	0	0	0	0	1,500,000	0	1,500,000
Intergovernmental	0	83,112	44,156	0	0	0	0	44,156
<b>Total Funding Sources</b>	<b>0</b>	<b>83,112</b>	<b>44,156</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>1,544,156</b>

#### Project Costs

Planning	0	83,112	44,156	0	0	1,500,000	0	1,544,156
<b>Total Project Costs</b>	<b>0</b>	<b>83,112</b>	<b>44,156</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>1,544,156</b>

#### Fund Level Costs

	0	0	0	0	0	0	0	0
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#### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Hawthorne: 20th - 55th, SE</b>								
							Area: SE	
							Efficiency	
<b>Project Description</b>								
Conduct planning, engineering and construction to develop pedestrian improvements and safe pedestrian crossings on SE Hawthorne. The project will also examine opportunities for bicycle enhancements and improved transit service. This project would enhance pedestrian safety in this district.								
<b>Funding Sources</b>								
Grants/Donations	0	0	180,350	192,481	42,419	0	0	415,250
System Development Charges	207,353	140,700	180,760	200,000	21,231	0	0	401,991
Fund Balance	59,552	0	0	50,000	0	0	0	50,000
General Transportation Revenue	424,124	0	0	0	0	0	0	0
<b>Total Funding Sources</b>	<b>691,029</b>	<b>140,700</b>	<b>361,110</b>	<b>442,481</b>	<b>63,650</b>	<b>0</b>	<b>0</b>	<b>867,241</b>
<b>Project Costs</b>								
Planning	371,444	0	0	0	0	0	0	0
Design/ProjMgmt	319,585	140,700	351,110	0	0	0	0	351,110
Site Acquisition	0	0	10,000	0	0	0	0	10,000
Const/Equip	0	0	0	442,481	63,650	0	0	506,131
<b>Total Project Costs</b>	<b>691,029</b>	<b>140,700</b>	<b>361,110</b>	<b>442,481</b>	<b>63,650</b>	<b>0</b>	<b>0</b>	<b>867,241</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Lents TC: Foster/Woodstock Ph3</b>								
							Area: SE	
							Replacement	
<b>Project Description</b>								
Redevelop couplet as a main street with sidewalks, signal, parking, and landscaping.								
<b>Funding Sources</b>								
System Development Charges	0	0	0	416,733	0	0	0	416,733
Intergovernmental	0	0	151,683	3,136,550	2,873,058	2,041,733	0	8,203,024
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>151,683</b>	<b>3,553,283</b>	<b>2,873,058</b>	<b>2,041,733</b>	<b>0</b>	<b>8,619,757</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	151,683	519,881	443,857	0	0	1,115,421
Site Acquisition	0	0	0	774,936	387,468	0	0	1,162,404
Const/Equip	0	0	0	2,258,466	2,041,733	2,041,733	0	6,341,932
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>151,683</b>	<b>3,553,283</b>	<b>2,873,058</b>	<b>2,041,733</b>	<b>0</b>	<b>8,619,757</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Lents TC: Foster/Woodstock, SE</b>								
							Area: SE	
							Replacement	
<b>Project Description</b>								
Pedestrian and bicycle safety improvements along the SE Foster/Woodstock couplet between 87th and 92nd Avenues. Project elements include bike lanes, curb extensions, rechannelization, new signals, and signal modifications. Phase 1B includes frontage improvements along north side of Foster from 88th to 91st. Phase II includes the realignment of SE 91st Ave north of Foster and frontage improvements on the remaining north side of Foster from 91st to 92nd Ave.								
<b>Funding Sources</b>								
System Development Charges	56,854	0	188,769	261,607	0	0	0	450,376
Intergovernmental	376,991	97,361	543,850	545,429	0	0	0	1,089,279
<b>Total Funding Sources</b>	<b>433,845</b>	<b>97,361</b>	<b>732,619</b>	<b>807,036</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,539,655</b>
<b>Project Costs</b>								
Design/ProjMgmt	106,432	97,361	194,936	0	0	0	0	194,936
Const/Equip	327,413	0	537,683	807,036	0	0	0	1,344,719
<b>Total Project Costs</b>	<b>433,845</b>	<b>97,361</b>	<b>732,619</b>	<b>807,036</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,539,655</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Lombard (St Johns - MLK) HEP Match, N									
									Area: N
									Replacement
Project Description									
This 4.9 mile corridor project will address the numerous reported accidents along this length (605 accidents in 3 years - of these, 292 involved injuries). The improvements include signal upgrades, signal timing improvements in the corridor, turning improvements as warranted, upgrading the signing & striping as necessary, and an educational program addressing the accident types. 10% city match and 90% federal funds.									
Funding Sources									
Fund Balance		0	0	50,000	0	0	0	0	50,000
Total Funding Sources		0	0	50,000	0	0	0	0	50,000
Project Costs									
Planning		0	0	2,500	0	0	0	0	2,500
Design/ProjMgmt		0	0	5,000	0	0	0	0	5,000
Const/Equip		0	0	42,500	0	0	0	0	42,500
Total Project Costs		0	0	50,000	0	0	0	0	50,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
MLK Streetscape Asst Prg, NE									
									Area: NE
									Mandated
Project Description									
This program provides capital funds (\$120,000 per year) from the Portland Development Commission through the Office of Transportation, to assist developers in completing full sidewalk improvements outside targeted and funded commercial areas. Funds are provided in accordance with the NE MLK Transportation Plan adopted by City Council.									
Funding Sources									
Intergovernmental		0	122,893	108,201	120,000	120,000	120,000	0	468,201
Total Funding Sources		0	122,893	108,201	120,000	120,000	120,000	0	468,201
Project Costs									
Planning		0	36,000	30,000	36,000	36,000	36,000	0	138,000
Design/ProjMgmt		0	36,000	30,000	36,000	36,000	36,000	0	138,000
Const/Equip		0	50,893	48,201	48,000	48,000	48,000	0	192,201
Total Project Costs		0	122,893	108,201	120,000	120,000	120,000	0	468,201
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
N Macadam: Bond Ave., SW									
									Area: SW
									Expansion
Project Description									
Construct SW Bond Ave between SW Gibbs and SW Bancroft to assist in redevelopment efforts in the North Macadam District.									
Funding Sources									
Intergovernmental		11,579	705,000	4,494,437	43,000	0	0	0	4,537,437
Total Funding Sources		11,579	705,000	4,494,437	43,000	0	0	0	4,537,437
Project Costs									
Planning		11,579	100,000	0	0	0	0	0	0
Design/ProjMgmt		0	550,000	0	0	0	0	0	0
Site Acquisition		0	55,000	0	0	0	0	0	0
Const/Equip		0	0	4,494,437	43,000	0	0	0	4,537,437
Total Project Costs		11,579	705,000	4,494,437	43,000	0	0	0	4,537,437
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0

**Capital Improvement Plan — Transportation and Parking**  
Office of Transportation

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
N Macadam: Development Asst, SW								
	Area:							SW
								Expansion
Project Description								
Assist PDC in evaluating and responding to development proposals in the N Macadam District.								
Funding Sources								
Intergovernmental	116,374	15,000	15,084	10,000	0	0	0	25,084
System Development Charges	0	0	0	0	2,500,000	0	0	2,500,000
Total Funding Sources	116,374	15,000	15,084	10,000	2,500,000	0	0	2,525,084
Project Costs								
Planning	0	15,000	15,084	10,000	0	0	0	25,084
Design/ProjMgmt	116,374	0	0	0	0	0	0	0
Const/Equip	0	0	0	0	2,500,000	0	0	2,500,000
Total Project Costs	116,374	15,000	15,084	10,000	2,500,000	0	0	2,525,084
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
N Macadam: River Parkway, SW								
	Area:							SW
								Expansion
Project Description								
Construct River Parkway between SW Lowell and SW Gibbs. River Parkway is an important street for the redevelopment of the N Macadam District.								
Funding Sources								
Intergovernmental	0	0	0	30,000	300,000	5,345,000	0	5,675,000
Total Funding Sources	0	0	0	30,000	300,000	5,345,000	0	5,675,000
Project Costs								
Planning	0	0	0	30,000	30,000	0	0	60,000
Design/ProjMgmt	0	0	0	0	270,000	0	0	270,000
Const/Equip	0	0	0	0	0	5,345,000	0	5,345,000
Total Project Costs	0	0	0	30,000	300,000	5,345,000	0	5,675,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
NE Alberta: MLK - 33rd, NE								
	Area:							NE
								Expansion
Project Description								
Project will provide Preliminary engineering, final design and construction of transportation and streetscape improvements along NE Alberta, and MLK to 33rd Avenue.								
Funding Sources								
Intergovernmental	108,351	719,268	1,367,578	0	0	0	0	1,367,578
General Transportation Revenue	176,860	0	0	0	0	0	0	0
Fund Balance	0	0	200,000	0	0	0	0	200,000
Grants/Donations	9,620	0	0	0	0	0	0	0
Total Funding Sources	294,831	719,268	1,567,578	0	0	0	0	1,567,578
Project Costs								
Planning	0	15,000	0	0	0	0	0	0
Design/ProjMgmt	294,831	319,356	0	0	0	0	0	0
Const/Equip	0	384,912	1,567,578	0	0	0	0	1,567,578
Total Project Costs	294,831	719,268	1,567,578	0	0	0	0	1,567,578
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

### PROJECT DETAIL

		Revised	Adopted	Capital Plan						
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total		
NE Lombard @ Portsmouth HEP, N										Area: N
										Repair/Maint
Project Description										
Upgrade traffic signal to improve safety.										
Funding Sources										
General Transportation Revenue	0	0	0	0	0	25,493	0	25,493		
Total Funding Sources	0	0	0	0	0	25,493	0	25,493		
Project Costs										
Const/Equip	0	0	0	0	0	25,493	0	25,493		
Total Project Costs	0	0	0	0	0	25,493	0	25,493		
Fund Level Costs	0	0	0	0	0	0	0	0		
Oper & Maint Costs	0	0	0	0	0	0	0	0		
NE Sandy (37-43) HEP, NE										Area: NE
										Repair/Maint
Project Description										
Signing, striping, and signals modifications to improve safety.										
Funding Sources										
General Transportation Revenue	0	0	0	39,780	0	0	0	39,780		
Total Funding Sources	0	0	0	39,780	0	0	0	39,780		
Project Costs										
Const/Equip	0	0	0	39,780	0	0	0	39,780		
Total Project Costs	0	0	0	39,780	0	0	0	39,780		
Fund Level Costs	0	0	0	0	0	0	0	0		
Oper & Maint Costs	0	0	0	0	0	0	0	0		
NE Sandy @ 57th HEP, NE										Area: NE
										Repair/Maint
Project Description										
Replace old, obsolete traffic signal and install pedestrian amenities.										
Funding Sources										
General Transportation Revenue	0	0	0	35,000	0	0	0	35,000		
Total Funding Sources	0	0	0	35,000	0	0	0	35,000		
Project Costs										
Const/Equip	0	0	0	35,000	0	0	0	35,000		
Total Project Costs	0	0	0	35,000	0	0	0	35,000		
Fund Level Costs	0	0	0	0	0	0	0	0		
Oper & Maint Costs	0	0	0	0	0	0	0	0		
NW Bridge @ Germantown HEP, NW										Area: NW
										Repair/Maint
Project Description										
Install new traffic signal to reduce crashes.										
Funding Sources										
General Transportation Revenue	0	0	0	0	0	27,550	0	27,550		
Total Funding Sources	0	0	0	0	0	27,550	0	27,550		
Project Costs										
Const/Equip	0	0	0	0	0	27,550	0	27,550		
Total Project Costs	0	0	0	0	0	27,550	0	27,550		
Fund Level Costs	0	0	0	0	0	0	0	0		
Oper & Maint Costs	0	0	0	0	0	0	0	0		

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total

Sandy Blvd: 13th - 47th, NE

Area: NE

Repair/Maint

### Project Description

This project will improve pavement conditions on Sandy Blvd by removing existing asphalt and replacing with new asphalt. This work will eliminate rutting in the pavement and create curb exposure to aid in stormwater drainage. This project will also improve circulation within Hollywood District by eliminating confusing traffic patterns, improve pedestrian crossing opportunities, use curb extensions to calm traffic, enhance transit access, and use access management.

### Funding Sources

General Transportation Revenue	0	0	303,154	0	0	0	0	303,154
Grants/Donations	0	0	39,079	424,412	5,633,352	1,795,390	0	7,892,233
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>342,233</b>	<b>424,412</b>	<b>5,633,352</b>	<b>1,795,390</b>	<b>0</b>	<b>8,195,387</b>

### Project Costs

Planning	0	0	285,091	0	0	0	0	285,091
Design/ProjMgmt	0	0	57,142	424,412	247,181	0	0	728,735
Const/Equip	0	0	0	0	5,386,171	1,795,390	0	7,181,561
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>342,233</b>	<b>424,412</b>	<b>5,633,352</b>	<b>1,795,390</b>	<b>0</b>	<b>8,195,387</b>

### Fund Level Costs

Fund Level Costs	0	0	0	0	0	0	0	0
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### Oper & Maint Costs

Oper & Maint Costs	0	0	0	0	0	0	0	0
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Sandy/Burnside - 33rd HEP Match, NE

Area: NE

Replacement

### Project Description

This safety improvement project would address the high number of accidents in this corridor (266 reported accidents in 5 years). The improvements would include larger signal heads (12 inches), necessary mast arm & span wire modifications, improved signal timing, upgrading signing & striping as necessary, and an educational program to address the primary accident type. Funding is 10% city match and 90% federal funds.

### Funding Sources

Fund Balance	0	0	50,000	0	0	0	0	50,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>

### Project Costs

Planning	0	0	2,500	0	0	0	0	2,500
Design/ProjMgmt	0	0	5,000	0	0	0	0	5,000
Const/Equip	0	0	42,500	0	0	0	0	42,500
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>

### Fund Level Costs

Fund Level Costs	0	0	0	0	0	0	0	0
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### Oper & Maint Costs

Oper & Maint Costs	0	0	0	0	0	0	0	0
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South Corridor Study

Area: S

Expansion

### Project Description

Coordination of urban renewal activities with transportation improvements.

### Funding Sources

General Transportation Revenue	0	0	50,000	0	0	0	0	50,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>

### Project Costs

Planning	0	0	50,000	0	0	0	0	50,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>

### Fund Level Costs

Fund Level Costs	0	0	0	0	0	0	0	0
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### Oper & Maint Costs

Oper & Maint Costs	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

### Freight Program

Col/Killingsworth E Conn, NE

Area: NE  
Expansion

#### Project Description

Identify, design, & construct improvements aimed at easing congestion & safety problems in the area bounded by 82nd, Columbia, Killingsworth, & I-205. While a primary goal is to improve freight mobility, pedestrian, bicycle, and transit access through the corridor will also be addressed. Construction and ROW pending OTIA Grant of \$20,000,000, ROW - \$7,410,000, CE - \$1,600,000, Construction and Contingency - \$14,500,000, and Permits - \$13,000. Constuction pending SDC.

#### Funding Sources

Grants/Donations	0	0	0	0	20,000,000	0	0	20,000,000
Intergovernmental	270,954	268,766	674,524	427,750	233,249	0	0	1,335,523
System Development Charges	0	0	0	0	0	2,500,000	0	2,500,000
<b>Total Funding Sources</b>	<b>270,954</b>	<b>268,766</b>	<b>674,524</b>	<b>427,750</b>	<b>20,233,249</b>	<b>2,500,000</b>	<b>0</b>	<b>23,835,523</b>

#### Project Costs

Planning	270,954	268,766	0	0	0	0	0	0
Design/ProjMgmt	0	0	674,524	427,750	233,249	562,677	0	1,898,200
Const/Equip	0	0	0	0	20,000,000	1,937,323	0	21,937,323
<b>Total Project Costs</b>	<b>270,954</b>	<b>268,766</b>	<b>674,524</b>	<b>427,750</b>	<b>20,233,249</b>	<b>2,500,000</b>	<b>0</b>	<b>23,835,523</b>

#### Fund Level Costs

	0	0	0	0	0	0	0	0
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#### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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Lower Albina Overcrossing, N

Area: N  
Expansion

#### Project Description

Construct a grade-separated roadway for Lower Albina Industrial Area. Closes 5 at-grade railroad crossings. Overcrossing improvement includes sidewalk, bike lanes, and signalized intersection at N. Interstate/N.

#### Funding Sources

System Development Charges	0	1,300,000	0	0	0	0	0	0
Bureau Revenues	170,554	125,000	30,801	0	0	0	0	30,801
Fund Balance	0	300,000	0	0	0	0	0	0
General Transportation Revenue	50,341	0	0	0	0	0	0	0
Grants/Donations	665,000	4,296,885	0	0	0	0	0	0
<b>Total Funding Sources</b>	<b>885,895</b>	<b>6,021,885</b>	<b>30,801</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,801</b>

#### Project Costs

Design/ProjMgmt	885,895	0	0	0	0	0	0	0
Site Acquisition	0	1,500,000	0	0	0	0	0	0
Const/Equip	0	4,521,885	30,801	0	0	0	0	30,801
<b>Total Project Costs</b>	<b>885,895</b>	<b>6,021,885</b>	<b>30,801</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,801</b>

#### Fund Level Costs

	0	0	0	0	0	0	0	0
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#### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Marine Dr: Col St-2.4 Mi E, N</b>								
							<b>Area:</b>	<b>N</b>
								Expansion
<b>Project Description</b>								
Widen Marine Drive from Kelly Point Park to 2.4 miles to the east. The project widens Marine Drive to a 5-lane section with bike lanes and center turn-lane. It also provides a sidewalk on the north side, multi-use path on the south side, bus pull-outs, pedestrian refuges, stormwater quality treatment, hazardous spill containment, noise barrier along Smith & Bybee Lakes, and a traffic signal at T-6.								
<b>Funding Sources</b>								
General Transportation Revenue	559,200	440,800	0	0	0	0	0	0
System Development Charges	0	2,295,000	0	0	0	0	0	0
Intergovernmental	1,520,000	7,132,235	2,373,703	0	0	0	0	2,373,703
Fund Balance	0	0	320,000	0	0	0	0	320,000
<b>Total Funding Sources</b>	<b>2,079,200</b>	<b>9,868,035</b>	<b>2,693,703</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,693,703</b>
<b>Project Costs</b>								
Planning	350,034	0	0	0	0	0	0	0
Design/ProjMgmt	1,391,807	0	0	0	0	0	0	0
Site Acquisition	55,830	78,550	0	0	0	0	0	0
Const/Equip	281,529	9,789,485	2,693,703	0	0	0	0	2,693,703
<b>Total Project Costs</b>	<b>2,079,200</b>	<b>9,868,035</b>	<b>2,693,703</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,693,703</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

### S Rvgt. RRO-Pass: Lom, Bur, Col, N

**Area:** N  
Expansion

#### Project Description

Project will eliminate blockage of traffic by trains; will decrease congestion by adding travel lanes to serve increasing volumes of trucks in the rivergate area. Improvements to include bike lanes and sidewalks

#### Funding Sources

Intergovernmental	54,366	145,212	1,447,300	30,861	10,784	0	0	1,488,945
General Transportation Revenue	66,262	0	0	0	0	0	0	0
Grants/Donations	150,642	465,000	536,849	411,000	140,000	0	0	1,087,849
System Development Charges	0	145,212	2,842,194	30,861	10,784	1,394,895	0	4,278,734
<b>Total Funding Sources</b>	<b>271,270</b>	<b>755,424</b>	<b>4,826,343</b>	<b>472,722</b>	<b>161,568</b>	<b>1,394,895</b>	<b>0</b>	<b>6,855,528</b>

#### Project Costs

Design/ProjMgmt	271,270	755,424	0	0	0	0	0	0
Site Acquisition	0	0	90,000	472,722	161,568	0	0	724,290
Const/Equip	0	0	4,736,343	0	0	1,394,895	0	6,131,238
<b>Total Project Costs</b>	<b>271,270</b>	<b>755,424</b>	<b>4,826,343</b>	<b>472,722</b>	<b>161,568</b>	<b>1,394,895</b>	<b>0</b>	<b>6,855,528</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>



# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

### Local Street and Neighborhood Program

#### Bertha Court, SW

Area: SW  
Expansion

##### Project Description

Provide sidewalk and bicycle access improvements within the Hillsdale Center along SW Bertha Court connecting Bertha Blvd with Capital Highway.

##### Funding Sources

Grants/Donations	0	0	208,323	0	0	0	0	208,323
System Development Charges	21,852	150,560	73,722	0	0	0	0	73,722
Intergovernmental	93,597	0	0	0	0	0	0	0
<b>Total Funding Sources</b>	<b>115,449</b>	<b>150,560</b>	<b>282,045</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>282,045</b>

##### Project Costs

Planning	93,597	0	0	0	0	0	0	0
Design/ProjMgmt	21,852	83,004	0	0	0	0	0	0
Site Acquisition	0	67,556	0	0	0	0	0	0
Const/Equip	0	0	282,045	0	0	0	0	282,045
<b>Total Project Costs</b>	<b>115,449</b>	<b>150,560</b>	<b>282,045</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>282,045</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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#### Bikeway Network Completion, CW

Area: CC  
Replacement

##### Project Description

Gaps in portland's 200 miles of existing bikeways present significant barriers to bicyclists. These can be remedied through modest expenditures to address the most critically needed annual improvements. Through construction to close these gaps in the bikeways, bicycling should increase as disincentives to usage are eliminated and connections are improved.

##### Funding Sources

General Transportation Revenue	25,215	150,000	49,802	50,000	50,000	50,000	50,000	249,802
<b>Total Funding Sources</b>	<b>25,215</b>	<b>150,000</b>	<b>49,802</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>249,802</b>

##### Project Costs

Planning	5,043	20,000	10,000	10,000	10,000	10,000	10,000	50,000
Design/ProjMgmt	5,043	20,000	10,000	10,000	10,000	10,000	10,000	50,000
Const/Equip	15,129	110,000	29,802	30,000	30,000	30,000	30,000	149,802
<b>Total Project Costs</b>	<b>25,215</b>	<b>150,000</b>	<b>49,802</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>249,802</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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#### Clark/105th/Holman, NE

Area: NE  
Expansion

##### Project Description

Upgrade Clark Road (between Glass Plant Road and 105th/Holman) and the intersection of Clark/105th/Holman to city standards. Curbs, drainage, walkways, and bikeways will be installed. The Port of Portland is extending Alderwood Road from it's existing terminus east of International Parkway to Glass Plant Road in the spring of 2002. Clark Road will then provide connectivity between Portland International Center (PIC) and areas east of I-205.

##### Funding Sources

Intergovernmental	31,019	242,855	720,596	603	1,373	0	779	723,351
Fund Balance	0	0	370,000	0	0	0	0	370,000
<b>Total Funding Sources</b>	<b>31,019</b>	<b>242,855</b>	<b>1,090,596</b>	<b>603</b>	<b>1,373</b>	<b>0</b>	<b>779</b>	<b>1,093,351</b>

##### Project Costs

Design/ProjMgmt	31,019	242,855	0	0	0	0	0	0
Const/Equip	0	0	1,090,596	603	1,373	0	779	1,093,351
<b>Total Project Costs</b>	<b>31,019</b>	<b>242,855</b>	<b>1,090,596</b>	<b>603</b>	<b>1,373</b>	<b>0</b>	<b>779</b>	<b>1,093,351</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Comm/Industrial Street Prgm, CW</b>								
							<b>Area:</b>	CC
								Expansion
<b>Project Description</b>								
For FY 2002/03, this project category provides for the plan review and construction engineering on 32 projects.								
<b>Funding Sources</b>								
Service Charges and Fees	787,455	462,696	564,600	624,000	642,000	661,000	681,000	3,172,600
General Transportation Revenue	84,105	92,725	45,700	97,000	100,000	104,000	108,000	454,700
<b>Total Funding Sources</b>	<b>871,560</b>	<b>555,421</b>	<b>610,300</b>	<b>721,000</b>	<b>742,000</b>	<b>765,000</b>	<b>789,000</b>	<b>3,627,300</b>
<b>Project Costs</b>								
Planning	28,572	50,000	63,000	64,900	66,700	68,800	70,700	334,100
Design/ProjMgmt	189,231	144,500	182,000	187,500	193,000	198,900	205,000	966,400
Site Acquisition	0	6,000	7,000	7,200	7,400	7,700	8,000	37,300
Const/Equip	653,757	354,921	358,300	461,400	474,900	489,600	505,300	2,289,500
<b>Total Project Costs</b>	<b>871,560</b>	<b>555,421</b>	<b>610,300</b>	<b>721,000</b>	<b>742,000</b>	<b>765,000</b>	<b>789,000</b>	<b>3,627,300</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</b>	<b>0</b>	<b>0</b>	<b>17,184</b>	<b>17,184</b>	<b>17,184</b>	<b>17,184</b>	<b>17,184</b>	<b>85,920</b>
<b>Corbett Traffic Phase III, SW</b>								
							<b>Area:</b>	SW
								Replacement
<b>Project Description</b>								
To provide traffic calming solutions to address neighborhood concerns about impacts of Macadam projects.								
<b>Funding Sources</b>								
General Transportation Revenue	6,382	50,000	0	100,000	0	0	0	100,000
<b>Total Funding Sources</b>	<b>6,382</b>	<b>50,000</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Project Costs</b>								
Planning	6,382	0	0	0	0	0	0	0
Design/ProjMgmt	0	50,000	0	30,000	0	0	0	30,000
Const/Equip	0	0	0	70,000	0	0	0	70,000
<b>Total Project Costs</b>	<b>6,382</b>	<b>50,000</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Deficiency Corrections Prgm, CW</b>								
							<b>Area:</b>	CC
								Repair/Maint
<b>Project Description</b>								
Permit improvement projects are often made adjacent to existing streets that are in poor condition. These existing maintained streets frequently need special attention to: increase pavement strength, remove existing structural defects and improve existing drainage characteristics. This program provides capital funding for these improvements that are built in conjunction with new permit projects.								
<b>Funding Sources</b>								
General Transportation Revenue	204,189	100,000	50,000	50,000	50,000	50,000	50,000	250,000
<b>Total Funding Sources</b>	<b>204,189</b>	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,000</b>
<b>Project Costs</b>								
Planning	0	1,500	1,500	1,500	1,500	1,500	1,500	7,500
Design/ProjMgmt	30,615	8,989	9,598	9,000	9,000	9,000	9,000	45,598
Const/Equip	173,574	89,511	38,902	39,500	39,500	39,500	39,500	196,902
<b>Total Project Costs</b>	<b>204,189</b>	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Foster at 162nd, SE</b>								
							<b>Area:</b>	<b>SE</b>
								Expansion
<b>Project Description</b>								
Reconstruct both roadways to provide left turn lanes, bike lanes, sidewalks and install a traffic signal. Present and future development in area is creating congestion and safety problems. Proposal to extend urban growth boundary and creation of town center in Damascus area will create additional traffic on Foster Rd. First phase realigns roadway and installs signals. Future phase constructs bike lanes, and sidewalks.								
<b>Funding Sources</b>								
System Development Charges	0	37,496	1,636,928	0	0	0	0	1,636,928
Fund Balance	413,740	970,504	1,000,000	0	0	0	0	1,000,000
Intergovernmental	0	0	200,000	0	0	0	0	200,000
<b>Total Funding Sources</b>	<b>413,740</b>	<b>1,008,000</b>	<b>2,836,928</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,836,928</b>
<b>Project Costs</b>								
Design/ProjMgmt	413,740	235,000	0	0	0	0	0	0
Site Acquisition	0	100,000	23,000	0	0	0	0	23,000
Const/Equip	0	673,000	2,813,928	0	0	0	0	2,813,928
<b>Total Project Costs</b>	<b>413,740</b>	<b>1,008,000</b>	<b>2,836,928</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,836,928</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Foster at Barbara Welch, SE</b>								
							<b>Area:</b>	<b>SE</b>
								Expansion
<b>Project Description</b>								
Reconstruct both roadways to provide left turn lanes, bike lanes, sidewalk, and install a traffic signal. Present and future development in area is creating congestion and safety problems. Proposal to extend urban growth boundary and creation of town center in Damascus area will create additional traffic on Foster Rd.								
<b>Funding Sources</b>								
System Development Charges	0	0	0	0	0	0	1,000,000	1,000,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>1,000,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	0	0	250,000	250,000
Const/Equip	0	0	0	0	0	0	750,000	750,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>1,000,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Fremont/MLK Intersection, NE</b>								
							<b>Area:</b>	<b>NE</b>
								Repair/Maint
<b>Project Description</b>								
Widen the east leg of the Fremont/MLK intersection to provide left turn lanes on Fremont St.								
<b>Funding Sources</b>								
General Transportation Revenue	0	0	100,000	0	210,000	0	0	310,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>210,000</b>	<b>0</b>	<b>0</b>	<b>310,000</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	78,100	0	0	0	0	78,100
Site Acquisition	0	0	21,900	0	0	0	0	21,900
Const/Equip	0	0	0	0	210,000	0	0	210,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>210,000</b>	<b>0</b>	<b>0</b>	<b>310,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
HCD Street Design, NI								
		Area:						All
								Expansion
Project Description								
HCD street design provides for the development of street and sidewalk improvements in low income HCD qualifying neighborhoods. This project will be programmed to provide assistance for improvements in the Columbia Villa project.								
Funding Sources								
Bureau Revenues	0	66,712	50,000	50,000	50,000	0	0	150,000
Total Funding Sources	0	66,712	50,000	50,000	50,000	0	0	150,000
Project Costs								
Planning	0	17,225	50,000	50,000	50,000	0	0	150,000
Design/ProjMgmt	0	49,487	0	0	0	0	0	0
Total Project Costs	0	66,712	50,000	50,000	50,000	0	0	150,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
HEP Project - Powell, 82nd, 102nd								
		Area:						SE
								Efficiency
Project Description								
Install rubber medians, upgrade striping and install additional signing at Powell/39th, Powell/82nd, Division/82nd, Foster/82nd, Halsey/102nd. Additionally, at 39th/Powell the SW corner will be reconstructed and the EB curb lane will be changed to right-turn only except bus and bikes. At 102nd/Halsey curb extensions will be constructed on the east leg, tubular delineators added to the existing median on the south leg, and SB left-turn phase changed.								
Funding Sources								
General Transportation Revenue	0	0	26,995	0	0	0	0	26,995
Grants/Donations	0	0	234,656	0	0	0	0	234,656
Total Funding Sources	0	0	261,651	0	0	0	0	261,651
Project Costs								
Design/ProjMgmt	0	0	250,151	0	0	0	0	250,151
Site Acquisition	0	0	11,500	0	0	0	0	11,500
Total Project Costs	0	0	261,651	0	0	0	0	261,651
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Lents TC: 92nd Ave, SE								
		Area:						SE
								Replacement
Project Description								
Improve Holgate-Powell Blvd. Based on 11/29/99 estimate, Alt 4', with 46' roadway, 4' planting strip and 6' sidewalk. Required additional 7' ROW.								
Funding Sources								
Intergovernmental	56,689	0	35,007	589,492	869,238	0	0	1,493,737
Total Funding Sources	56,689	0	35,007	589,492	869,238	0	0	1,493,737
Project Costs								
Design/ProjMgmt	56,689	0	35,007	176,847	5,000	0	0	216,854
Site Acquisition	0	0	0	132,650	0	0	0	132,650
Const/Equip	0	0	0	279,995	864,238	0	0	1,144,233
Total Project Costs	56,689	0	35,007	589,492	869,238	0	0	1,493,737
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	6-Year Total
Lents TC: Neighborhood Sts, SE								
Area:								SE
								Replacement
Project Description								
Assist PDC with LID formation, street design and construction services for the improvement of local neighborhood streets in the Lents Urban Renewal District. Construction of Lents III anticipated in FY2003; costs include improvement to SE 103rd Ave. Design of Lents IV, a five-block project, also occurs in FY2003. Construction of Lents V occurs in FY2004. Additional phases scheduled, starting with design of 6 blocks in FY2004, decreasing to 4 blocks in FY2013								
Funding Sources								
Intergovernmental	0	0	1,892,266	500,000	500,000	500,000	500,000	3,892,266
Bureau Revenues	302,376	400,000	663,978	214,286	214,286	214,286	214,286	1,521,122
Total Funding Sources	302,376	400,000	2,556,244	714,286	714,286	714,286	714,286	5,413,388
Project Costs								
Planning	302,376	400,000	65,519	77,220	78,375	79,555	80,760	381,429
Design/ProjMgmt	0	0	230,878	87,871	87,712	87,549	87,383	581,393
Const/Equip	0	0	2,259,847	549,195	548,199	547,182	546,143	4,450,566
Total Project Costs	302,376	400,000	2,556,244	714,286	714,286	714,286	714,286	5,413,388
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Lents TC: Traffic Safety, SE								
Area:								SE
								Efficiency
Project Description								
Design & construct traffic safety improvements related to the Lents Town Center Urban Renewal District.								
Funding Sources								
Intergovernmental	0	200,000	464,928	1,450,000	450,000	1,050,000	1,050,000	4,464,928
Total Funding Sources	0	200,000	464,928	1,450,000	450,000	1,050,000	1,050,000	4,464,928
Project Costs								
Design/ProjMgmt	0	50,000	65,000	362,500	112,500	262,500	262,500	1,065,000
Const/Equip	0	150,000	399,928	1,087,500	337,500	787,500	787,500	3,399,928
Total Project Costs	0	200,000	464,928	1,450,000	450,000	1,050,000	1,050,000	4,464,928
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
LID Street Design, NI								
Area:								ALL
								Replacement
Project Description								
Design 2 four-block projects in FY2003 to be constructed in FY2004. Once LIDs are formed, new CIP submissions will be made, which will include construction and construction engineering costs.								
Funding Sources								
General Transportation Revenue	0	0	30,000	30,000	30,000	30,000	30,000	150,000
Bureau Revenues	0	99,500	166,488	143,662	153,668	164,266	175,495	803,579
Total Funding Sources	0	99,500	196,488	173,662	183,668	194,266	205,495	953,579
Project Costs								
Planning	0	0	60,178	66,142	70,772	75,726	81,027	353,845
Design/ProjMgmt	0	99,500	136,310	107,520	112,896	118,540	124,468	599,734
Total Project Costs	0	99,500	196,488	173,662	183,668	194,266	205,495	953,579
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Minor Permit Streets Prgm, CW</b>								
							<b>Area:</b>	ALL
								Expansion
<b>Project Description</b>								
This category covers all non-residential projects with construction values less than \$25,000. Category includes street closures, sidestrips, frontage improvements, inlets, sidewalks, etc.								
<b>Funding Sources</b>								
Service Charges and Fees	153,815	143,401	170,093	150,200	154,600	159,100	163,800	797,793
General Transportation Revenue	45,524	42,538	25,596	44,800	46,000	47,500	49,000	212,896
<b>Total Funding Sources</b>	<b>199,339</b>	<b>185,939</b>	<b>195,689</b>	<b>195,000</b>	<b>200,600</b>	<b>206,600</b>	<b>212,800</b>	<b>1,010,689</b>
<b>Project Costs</b>								
Planning	17,113	24,800	24,600	25,400	26,000	26,900	27,700	130,600
Design/ProjMgmt	85,644	63,000	62,400	64,400	66,200	68,200	70,200	331,400
Site Acquisition	0	2,400	2,600	2,800	3,000	3,200	3,500	15,100
Const/Equip	96,582	95,739	106,089	102,400	105,400	108,300	111,400	533,589
<b>Total Project Costs</b>	<b>199,339</b>	<b>185,939</b>	<b>195,689</b>	<b>195,000</b>	<b>200,600</b>	<b>206,600</b>	<b>212,800</b>	<b>1,010,689</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>MLK Corridor Eng &amp; Con. NE</b>								
							<b>Area:</b>	NE
								Replacement
<b>Project Description</b>								
Corridor construction of phase 2 and 3 of project with continued construction building about two blocks of the MLK plan per year through 2003								
<b>Funding Sources</b>								
Intergovernmental	0	2,359,242	2,310,722	2,975,000	3,006,000	0	0	8,291,722
<b>Total Funding Sources</b>	<b>0</b>	<b>2,359,242</b>	<b>2,310,722</b>	<b>2,975,000</b>	<b>3,006,000</b>	<b>0</b>	<b>0</b>	<b>8,291,722</b>
<b>Project Costs</b>								
Design/ProjMgmt	0	0	310,090	595,000	601,200	0	0	1,506,290
Const/Equip	0	2,359,242	2,000,632	2,380,000	2,404,800	0	0	6,785,432
<b>Total Project Costs</b>	<b>0</b>	<b>2,359,242</b>	<b>2,310,722</b>	<b>2,975,000</b>	<b>3,006,000</b>	<b>0</b>	<b>0</b>	<b>8,291,722</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Naito Parkway LID, NW</b>								
							<b>Area:</b>	NW
								Replacement
<b>Project Description</b>								
Construct streetscape improvements to NW Naito Parkway from 9th Avenue to 15th Avenue, and to NW Front Avenue from 15th Avenue to PDC's Terminal 1. Also install sidewalk and provide grade separation from railroad tracks where adjoining to maximize pedestrian safety. Project will facilitate development for Hoyt Street Properties and for Terminal 1.								
<b>Funding Sources</b>								
Bureau Revenues	0	30,671	113,201	211,656	216,008	0	0	540,865
<b>Total Funding Sources</b>	<b>0</b>	<b>30,671</b>	<b>113,201</b>	<b>211,656</b>	<b>216,008</b>	<b>0</b>	<b>0</b>	<b>540,865</b>
<b>Project Costs</b>								
Planning	0	30,671	52,246	16,451	11,043	0	0	79,740
Design/ProjMgmt	0	0	60,955	195,205	204,965	0	0	461,125
<b>Total Project Costs</b>	<b>0</b>	<b>30,671</b>	<b>113,201</b>	<b>211,656</b>	<b>216,008</b>	<b>0</b>	<b>0</b>	<b>540,865</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Old Town Skatepark</b>								
<b>Area:</b>								CC
								Repair/Maint
<b>Project Description</b>								
Construct skateboard park and street.								
<b>Funding Sources</b>								
Intergovernmental	47,206	0	271,919	0	0	0	0	271,919
General Transportation Revenue	5,000	0	0	0	0	0	0	0
<b>Total Funding Sources</b>	<b>52,206</b>	<b>0</b>	<b>271,919</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>271,919</b>
<b>Project Costs</b>								
Design/ProjMgmt	52,206	0	67,975	0	0	0	0	67,975
Const/Equip	0	0	203,944	0	0	0	0	203,944
<b>Total Project Costs</b>	<b>52,206</b>	<b>0</b>	<b>271,919</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>271,919</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Ped Crossing Projects, CW</b>								
<b>Area:</b>								CC
								Replacement
<b>Project Description</b>								
Project will design and construct pedestrian crossing improvements using solutions identified in the FY 94/95 ped crossing study and the FY 95/96 demonstration projects. Over 200 ped crossing deficiencies are identified in the ped master plan.								
<b>Funding Sources</b>								
General Transportation Revenue	0	100,000	50,127	50,000	50,000	50,000	50,000	250,127
<b>Total Funding Sources</b>	<b>0</b>	<b>100,000</b>	<b>50,127</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,127</b>
<b>Project Costs</b>								
Planning	0	8,750	5,000	5,000	5,000	5,000	5,000	25,000
Design/ProjMgmt	0	20,000	12,500	12,500	12,500	12,500	12,500	62,500
Const/Equip	0	71,250	32,627	32,500	32,500	32,500	32,500	162,627
<b>Total Project Costs</b>	<b>0</b>	<b>100,000</b>	<b>50,127</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,127</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>Pine/119th LID/HCD, SE</b>								
<b>Area:</b>								SE
								Replacement
<b>Project Description</b>								
Construct local street and sidewalk improvements through a BHCD-funded Local Improvement District and improve sidewalk connectivity in the area adjoining the LID.								
<b>Funding Sources</b>								
Bureau Revenues	0	177,207	1,032,809	0	0	0	0	1,032,809
<b>Total Funding Sources</b>	<b>0</b>	<b>177,207</b>	<b>1,032,809</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,032,809</b>
<b>Project Costs</b>								
Planning	0	15,703	13,811	0	0	0	0	13,811
Design/ProjMgmt	0	161,504	118,110	0	0	0	0	118,110
Const/Equip	0	0	900,888	0	0	0	0	900,888
<b>Total Project Costs</b>	<b>0</b>	<b>177,207</b>	<b>1,032,809</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,032,809</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

### PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Prescott Park Sidewalks</b>								
							<b>Area:</b>	SE
								Expansion
<b>Project Description</b>								
Construct frontage improvements adjacent to Prescott Park, along the south side of Prescott (250 feet) and the east side of 112th (100 feet). Improvements include sidewalks, planting strips, and extending paving to new curbs.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	70,000	0	0	0	0	70,000
<b>Total Funding Sources</b>	0	0	70,000	0	0	0	0	70,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	20,000	0	0	0	0	20,000
Const/Equip	0	0	50,000	0	0	0	0	50,000
<b>Total Project Costs</b>	0	0	70,000	0	0	0	0	70,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Rosemont, N</b>								
							<b>Area:</b>	N
								Mandated
<b>Project Description</b>								
Construction of streets with affordable housing, HCD/PDC project.								
<b>Funding Sources</b>								
Bureau Revenues	70,111	500,000	97,584	0	0	0	0	97,584
<b>Total Funding Sources</b>	70,111	500,000	97,584	0	0	0	0	97,584
<b>Project Costs</b>								
Planning	70,111	0	0	0	0	0	0	0
Design/ProjMgmt	0	250,000	0	0	0	0	0	0
Const/Equip	0	250,000	97,584	0	0	0	0	97,584
<b>Total Project Costs</b>	70,111	500,000	97,584	0	0	0	0	97,584
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Sign Removal</b>								
							<b>Area:</b>	ALL
								Repair/Maint
<b>Project Description</b>								
The purpose of this project is to ensure that Portland traffic and parking signs meet city objectives with minimal costs. In addition, the program will ensure compliance with new federal sign requirements identified in the updated MUTCD.								
<b>Funding Sources</b>								
General Transportation Revenue	0	0	42,648	0	0	0	0	42,648
<b>Total Funding Sources</b>	0	0	42,648	0	0	0	0	42,648
<b>Project Costs</b>								
Planning	0	0	10,662	0	0	0	0	10,662
Design/ProjMgmt	0	0	10,662	0	0	0	0	10,662
Const/Equip	0	0	21,324	0	0	0	0	21,324
<b>Total Project Costs</b>	0	0	42,648	0	0	0	0	42,648
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0



# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

### PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2005-07	5-Year Total
<b>Speed Reduction</b>								
<b>Area:</b>								ALL
								Efficiency
<b>Project Description</b>								
This project will use innovative approaches to reduce speeding on Portland area streets. It will improve neighborhood livability and safe access to schools and parks.								
<b>Funding Sources</b>								
General Transportation Revenue	0	0	200,000	300,000	0	0	0	500,000
<b>Total Funding Sources</b>	0	0	200,000	300,000	0	0	0	500,000
<b>Project Costs</b>								
Planning	0	0	25,000	25,000	0	0	0	50,000
Design/ProjMgmt	0	0	25,000	25,000	0	0	0	50,000
Const/Equip	0	0	150,000	250,000	0	0	0	400,000
<b>Total Project Costs</b>	0	0	200,000	300,000	0	0	0	500,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Subdivision Street Program, CW</b>								
<b>Area:</b>								CC
								Expansion
<b>Project Description</b>								
Program for FY 2002-03 provides for plan review and construction of 25 residential subdivisions. All designs are by consulting engineers. Program also includes project development efforts to get projects started as well as section training.								
<b>Funding Sources</b>								
Service Charges and Fees	269,262	372,955	420,921	404,000	416,000	429,000	442,000	2,111,921
General Transportation Revenue	35,694	53,525	22,500	55,000	56,000	58,000	61,000	252,500
<b>Total Funding Sources</b>	304,956	426,480	443,421	459,000	472,000	487,000	503,000	2,364,421
<b>Project Costs</b>								
Planning	11,313	35,500	35,680	36,720	37,760	38,960	40,200	189,320
Design/ProjMgmt	111,958	126,746	147,180	151,470	155,760	160,710	165,700	780,820
Site Acquisition	0	4,000	4,000	4,000	4,000	4,000	4,000	20,000
Const/Equip	181,685	260,234	256,561	266,810	274,480	283,330	293,100	1,374,281
<b>Total Project Costs</b>	304,956	426,480	443,421	459,000	472,000	487,000	503,000	2,364,421
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	34,064	34,064	34,064	34,064	34,064	170,320
<b>Substandard Street Program, CW</b>								
<b>Area:</b>								CC
								Expansion
<b>Project Description</b>								
The substandard street program allows for the construction of streets that incorporate minimum safety features and adequately address drainage requirements and utility needs without provision for long term durability or city maintenance.								
<b>Funding Sources</b>								
Service Charges and Fees	5,657	31,933	23,824	26,000	28,000	30,000	32,000	139,824
General Transportation Revenue	483	7,490	2,700	7,000	8,000	9,000	10,000	36,700
<b>Total Funding Sources</b>	6,140	39,423	26,524	33,000	36,000	39,000	42,000	176,524
<b>Project Costs</b>								
Planning	600	3,200	2,600	2,600	2,800	3,000	3,300	14,300
Design/ProjMgmt	3,310	23,700	16,050	19,200	21,000	22,800	24,600	103,650
Const/Equip	2,230	12,523	7,874	11,200	12,200	13,200	14,100	58,574
<b>Total Project Costs</b>	6,140	39,423	26,524	33,000	36,000	39,000	42,000	176,524
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>SW Multnomah Blvd/Garden Home</b>								
							<b>Area:</b>	<b>All</b>
								Efficiency
<b>Project Description</b>								
Realign intersection and construct signal.								
<b>Funding Sources</b>								
System Development Charges	0	0	0	0	0	0	449,829	449,829
<b>Total Funding Sources</b>	0	0	0	0	0	0	449,829	449,829
<b>Project Costs</b>								
Planning	0	0	0	0	0	0	50,000	50,000
Design/ProjMgmt	0	0	0	0	0	0	163,000	163,000
Const/Equip	0	0	0	0	0	0	236,829	236,829
<b>Total Project Costs</b>	0	0	0	0	0	0	449,829	449,829
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Preservation and Rehabilitation Program</b>								
<b>Bybee Blvd Over McLoughlin, SE</b>								
							<b>Area:</b>	<b>SE</b>
								Replacement
<b>Project Description</b>								
Replacement of a 2-lane high traffic volume bridge with inadequate under-clearance with a 2-lane bridge with standard clearance and a higher load capacity. Improvements will also include sidewalks and bike lanes.								
<b>Funding Sources</b>								
General Transportation Revenue	0	37,000	0	322,300	0	0	0	322,300
Grants/Donations	0	2,000	92,558	2,900,700	0	0	0	2,993,258
<b>Total Funding Sources</b>	0	39,000	92,558	3,223,000	0	0	0	3,315,558
<b>Project Costs</b>								
Planning	0	10,000	0	0	0	0	0	0
Design/ProjMgmt	0	29,000	92,558	0	0	0	0	92,558
Const/Equip	0	0	0	3,223,000	0	0	0	3,223,000
<b>Total Project Costs</b>	0	39,000	92,558	3,223,000	0	0	0	3,315,558
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Msint Costs</b>	0	0	0	0	0	0	0	0
<b>CBD Cable Replacement, SW/NW</b>								
							<b>Area:</b>	<b>NW</b>
								Repair/Maint
<b>Project Description</b>								
Many older twin ornamental lights in the CBD are powered via lead cable buried underground. As some of these were buried over 70 years ago, and others continue to age, the lead cable is deteriorating and causing maintenance problems. In some cases, overhead cable has been installed to replace failed circuits. This project will replace the lead cable with modern conduit systems to power the existing lights.								
<b>Funding Sources</b>								
General Fund Discretionary	450,000	450,000	350,000	400,000	400,000	400,000	400,000	1,950,000
<b>Total Funding Sources</b>	450,000	450,000	350,000	400,000	400,000	400,000	400,000	1,950,000
<b>Project Costs</b>								
Planning	0	5,000	10,000	10,000	10,000	10,000	10,000	50,000
Design/ProjMgmt	25,000	20,000	25,000	25,000	25,000	25,000	25,000	125,000
Const/Equip	425,000	425,000	315,000	365,000	365,000	365,000	365,000	1,775,000
<b>Total Project Costs</b>	450,000	450,000	350,000	400,000	400,000	400,000	400,000	1,950,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

### PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
ESA Culvert Replacement									
	Area:								ALL
									Replacement
Project Description									
Replace culverts based on citywide ranking of culverts that block fish passage. Use bottomless arch culvert or bridge to make improvements. Using PDOT and BES money normally sent to ESA Program for funding. Also apply for OWEB grants to leverage City Funds.									
Funding Sources									
Bureau Revenues	0	0	50,000	0	0	0	0	50,000	
Fund Balance	0	0	50,000	0	0	0	0	50,000	
Total Funding Sources	0	0	100,000	0	0	0	0	100,000	
Project Costs									
Const/Equip	0	0	100,000	0	0	0	0	100,000	
Total Project Costs	0	0	100,000	0	0	0	0	100,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
Johnson Creek: 32nd - 45th, SE									
	Area:								SE
									Expansion
Project Description									
Complete final design of phase 2 of project for storm sewer and ROW acquisition. Phase 3 roadway construction to begin when City of Milwaukie has secured additional funding.									
Funding Sources									
Grants/Donations	444,457	61,155	181,270	100,000	0	0	0	281,270	
Intergovernmental	1,236	110,435	110,000	0	0	0	0	110,000	
General Transportation Revenue	0	20,000	24,647	41,120	0	0	0	65,767	
Total Funding Sources	445,693	191,590	315,917	141,120	0	0	0	457,037	
Project Costs									
Design/ProjMgmt	445,693	191,590	100,000	0	0	0	0	100,000	
Const/Equip	0	0	215,917	141,120	0	0	0	357,037	
Total Project Costs	445,693	191,590	315,917	141,120	0	0	0	457,037	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
MLK Viaduct									
	Area:								SE
									Replacement
Project Description									
Replace existing structure and enhance local circulation for pedestrians, bikes, and freight.									
Funding Sources									
Grants/Donations	0	0	39,576	10,000	10,000	3,000	0	62,576	
Total Funding Sources	0	0	39,576	10,000	10,000	3,000	0	62,576	
Project Costs									
Design/ProjMgmt	0	0	39,576	10,000	0	0	0	49,576	
Const/Equip	0	0	0	0	10,000	3,000	0	13,000	
Total Project Costs	0	0	39,576	10,000	10,000	3,000	0	62,576	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

### PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Naito Pkwy: Davis - Market NW, SW</b>								
							<b>Area:</b>	<b>SW</b>
								Repair/Maint
<b>Project Description</b>								
CIP based on ODOT and Metro's request to shift TE \$\$ to Fed FY '03. Estimate to be updated once design resumes. Additional federal dollars from changes/swaps made in 99-00 and 00-01 are put into the contingency for now and assume spending in 04/05. Schedule assumes majority of design in 02-03 and construction in both 03-04 and 04-05.								
<b>Funding Sources</b>								
Grants/Donations	208,932	75,373	336,708	303,916	775,274	93,526	0	1,509,424
General Transportation Revenue	243,913	8,627	37,948	209,968	88,734	17,946	0	354,596
Fund Balance	0	0	0	0	145,000	0	0	145,000
<b>Total Funding Sources</b>	<b>452,845</b>	<b>84,000</b>	<b>374,656</b>	<b>513,884</b>	<b>1,009,008</b>	<b>111,472</b>	<b>0</b>	<b>2,009,020</b>
<b>Project Costs</b>								
Design/ProjMgmt	452,845	84,000	374,656	118,300	0	0	0	492,956
Const/Equip	0	0	0	395,584	1,009,008	111,472	0	1,516,064
<b>Total Project Costs</b>	<b>452,845</b>	<b>84,000</b>	<b>374,656</b>	<b>513,884</b>	<b>1,009,008</b>	<b>111,472</b>	<b>0</b>	<b>2,009,020</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>NE 33rd Over Columbia Sl, NE</b>								
							<b>Area:</b>	<b>NE</b>
								Replacement
<b>Project Description</b>								
NE 33rd Avenue over Columbia Slough replacement (east half). Timber/concrete structure approaching end of life cycle. Project will replace structure with a new concrete structure.								
<b>Funding Sources</b>								
Grants/Donations	0	0	0	0	240,000	1,210,000	0	1,450,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>240,000</b>	<b>1,210,000</b>	<b>0</b>	<b>1,450,000</b>
<b>Project Costs</b>								
Planning	0	0	0	0	5,000	0	0	5,000
Design/ProjMgmt	0	0	0	0	210,000	0	0	210,000
Site Acquisition	0	0	0	0	25,000	0	0	25,000
Const/Equip	0	0	0	0	0	1,210,000	0	1,210,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>240,000</b>	<b>1,210,000</b>	<b>0</b>	<b>1,450,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>NE 33rd Over Lombard &amp; UPRR, NE</b>								
							<b>Area:</b>	<b>NE</b>
								Replacement
<b>Project Description</b>								
NE 33rd Avenue over NE Lombard St and UPRR tracks. This structure is currently posted due to insufficient flexural capacity on the main and approach spans. Project will address repair/rehabilitation of these items returning the structure to full capacity.								
<b>Funding Sources</b>								
Grants/Donations	0	0	0	0	393,000	3,117,000	0	3,510,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>393,000</b>	<b>3,117,000</b>	<b>0</b>	<b>3,510,000</b>
<b>Project Costs</b>								
Planning	0	0	0	0	5,000	0	0	5,000
Design/ProjMgmt	0	0	0	0	368,000	0	0	368,000
Site Acquisition	0	0	0	0	20,000	0	0	20,000
Const/Equip	0	0	0	0	0	3,117,000	0	3,117,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>393,000</b>	<b>3,117,000</b>	<b>0</b>	<b>3,510,000</b>
<b>Fund Level Costs</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>Oper &amp; Maint Costs</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>

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
Signal Communication System								
							Area:	ALL
								Replacement
Project Description								
Continuing program of installing cable to connect individual traffic signals to the central control computer. Central control allows improvements to traffic signal timings and allows monitoring of malfunctioning lights to speed necessary repairs. This improves traffic flow and safety, and reduces air pollution and fuel consumption. This work dovetails with ODOT's freeway management system work.								
Funding Sources								
General Transportation Revenue	101,736	150,000	99,909	100,000	100,000	100,000	100,000	499,909
Total Funding Sources	101,736	150,000	99,909	100,000	100,000	100,000	100,000	499,909
Project Costs								
Planning	0	10,000	10,000	10,000	10,000	10,000	10,000	50,000
Design/ProjMgmt	0	10,000	10,000	10,000	10,000	10,000	10,000	50,000
Const/Equip	101,736	130,000	79,909	80,000	80,000	80,000	80,000	399,909
Total Project Costs	101,736	150,000	99,909	100,000	100,000	100,000	100,000	499,909
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Signal Reconstruction, NI								
							Area:	ALL
								Repair/Maint
Project Description								
Currently over 200 signalized intersections have exceeded their useful life, and are in need of complete remodeling to eliminate the need for emergency repairs due to the age and deteriorated condition of signals. Work involves replacing deteriorated cables, signal heads/lights, poles, etc. This work is needed to reduce the potential for signals falling down and to reduce associated maintenance costs.								
Funding Sources								
General Transportation Revenue	754,894	570,000	389,333	570,000	570,000	570,000	570,000	2,669,333
Total Funding Sources	754,894	570,000	389,333	570,000	570,000	570,000	570,000	2,669,333
Project Costs								
Planning	0	15,000	15,000	15,000	15,000	15,000	15,000	75,000
Design/ProjMgmt	0	55,000	55,000	55,000	55,000	55,000	55,000	275,000
Const/Equip	754,894	500,000	319,333	500,000	500,000	500,000	500,000	2,319,333
Total Project Costs	754,894	570,000	389,333	570,000	570,000	570,000	570,000	2,669,333
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
SW Champlain Semi Viaduct								
							Area:	SW
								Replacement
Project Description								
This structure is posted due to insufficient shear and moment capacity. This project will replace the structure with a retaining wall and geofoam fill.								
Funding Sources								
Grants/Donations	0	0	0	101,500	178,500	0	0	280,000
Total Funding Sources	0	0	0	101,500	178,500	0	0	280,000
Project Costs								
Planning	0	0	0	5,000	0	0	0	5,000
Design/ProjMgmt	0	0	0	76,500	0	0	0	76,500
Site Acquisition	0	0	0	20,000	0	0	0	20,000
Const/Equip	0	0	0	0	178,500	0	0	178,500
Total Project Costs	0	0	0	101,500	178,500	0	0	280,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	

### Special Area Program

#### Greeley/Interstate Bikeway, N

Area: N  
Mandated

##### Project Description

Remove southbound travel lane and stripe bike lanes on Greeley from Killingsworth to Going. Narrow travel lanes and install bike lanes Going to Interstate - may include moving curb line. Construct island at Going ramp to shorten crossing distance. Construct or stripe median at I-5 ramps for bike separation. Bike lanes on Interstate will be constructed as part of IMAX. Concrete median removal at Kaiser Bess site has already been completed.

##### Funding Sources

General Transportation Revenue	0	0	16,000	0	0	0	0	16,000
Grants/Donations	0	0	62,571	0	0	0	0	62,571
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>78,571</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>78,571</b>

##### Project Costs

Planning	0	0	10,000	0	0	0	0	10,000
Design/ProjMgmt	0	0	68,571	0	0	0	0	68,571
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>78,571</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>78,571</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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#### Harrison Connector, SW

Area: SW  
Expansion

##### Project Description

The Harrison Connector is a new street portal access to River Place and the North Macadam District. This street will connect SW Harrison and Naito Parkway to SW Moody & Harbor Drive. Portland Streetcar - Phase III will utilize the Harrison Street Connector.

##### Funding Sources

Intergovernmental	0	750,000	412,064	0	0	0	0	412,064
<b>Total Funding Sources</b>	<b>0</b>	<b>750,000</b>	<b>412,064</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>412,064</b>

##### Project Costs

Design/ProjMgmt	0	750,000	0	0	0	0	0	0
Const/Equip	0	0	412,064	0	0	0	0	412,064
<b>Total Project Costs</b>	<b>0</b>	<b>750,000</b>	<b>412,064</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>412,064</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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#### Interstate MAX Light Rail, N

Area: N  
Mandated

##### Project Description

The North Interstate MAX Project will construct a light rail alignment from the east end of the Steel bridge in the Lloyd District of the Central City following North Interstate Avenue through North Portland to the Kenton Business District and proceed north on N Denver Ave. A new Denver viaduct to Expo Rd with a terminus at the Expo Center parking lot near N Marine Drive. City provides staff support for permitting and inspection of IMAX improvements.

##### Funding Sources

Grants/Donations	790,820	497,195	711,144	200,000	0	0	0	911,144
<b>Total Funding Sources</b>	<b>790,820</b>	<b>497,195</b>	<b>711,144</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>911,144</b>

##### Project Costs

Design/ProjMgmt	123,568	0	0	0	0	0	0	0
Const/Equip	667,252	497,195	711,144	200,000	0	0	0	911,144
<b>Total Project Costs</b>	<b>790,820</b>	<b>497,195</b>	<b>711,144</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>911,144</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total	
Interstate Urban Renewal									
									Area: N
									Expansion
Project Description									
This project will focus on improvements to streets leading to the Intersate Max right-of-way. Ridership for this line will be dependent on walk-ons, bicylist, and bus transfers. There will be three elements focusing on creating a Main street, improving pedestrian access, and improving bicycle access.									
Funding Sources									
Intergovernmental	0	117,833	0	0	0	0	0	0	
General Transportation Revenue	0	42,000	90,000	88,150	0	0	0	178,150	
Total Funding Sources	0	159,833	90,000	88,150	0	0	0	178,150	
Project Costs									
Planning	0	159,833	90,000	88,150	0	0	0	178,150	
Total Project Costs	0	159,833	90,000	88,150	0	0	0	178,150	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
ITS Corridor, NE									
									Area: NE
									Efficiency
Project Description									
This project will expand and enhance the central monitoring and control features of the City's ITS system. The project will also install arterial detection and monitoring systems.									
Funding Sources									
System Development Charges	0	0	0	0	0	291,936	0	291,936	
Total Funding Sources	0	0	0	0	0	291,936	0	291,936	
Project Costs									
Planning	0	0	0	0	0	41,936	0	41,936	
Design/Proj/Mgmt	0	0	0	0	0	100,000	0	100,000	
Const/Equip	0	0	0	0	0	150,000	0	150,000	
Total Project Costs	0	0	0	0	0	291,936	0	291,936	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
ITS Signal System Upgrade, NI									
									Area: ALL
									Replacement
Project Description									
This project will upgrade the existing traffic signal computer hardware and software systems to provide a truly integrated Advanced Traffic Management System (ATMS). The ATMS will provide a tool to help manage and control vehicle travel on arterials and freeways in the metropolitan area. The new system will support advanced transitpriority concepts and emerging adaptive control methods. The integration will allow the City of Portland greater flexibility.									
Funding Sources									
General Transportation Revenue	0	0	150,173	0	0	0	0	150,173	
Fund Balance	0	0	150,174	0	0	0	0	150,174	
Total Funding Sources	0	0	300,347	0	0	0	0	300,347	
Project Costs									
Const/Equip	0	0	300,347	0	0	0	0	300,347	
Total Project Costs	0	0	300,347	0	0	0	0	300,347	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total

### MLK ITS Corridor, NE

Area: NE  
Efficiency

#### Project Description

This project would construct the first phase of implementing the Intelligent Transportation System (ITS) infrastructure along NE and SE MLK Boulevard and Grand Avenue, from the CEID to Columbia Blvd. The project consists of installation of electronic message signs, CCTV cameras, traffic monitoring stations and fiber communication. These devices would be integrated with the city's central traffic signal computer system.

#### Funding Sources

System Development Charges	0	100,000	0	0	0	0	0	0
Grants/Donations	0	0	49,965	50,000	0	0	0	99,965
<b>Total Funding Sources</b>	<b>0</b>	<b>100,000</b>	<b>49,965</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>99,965</b>

#### Project Costs

Planning	0	0	0	10,000	0	0	0	10,000
Design/ProjMgmt	0	0	49,965	20,000	0	0	0	69,965
Const/Equip	0	100,000	0	20,000	0	0	0	20,000
<b>Total Project Costs</b>	<b>0</b>	<b>100,000</b>	<b>49,965</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>99,965</b>

#### Fund Level Costs

	0	0	0	0	0	0	0	0
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#### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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### OTIA Program Match Funds

Area: ALL  
Expansion

#### Project Description

Provides matching funds for OTIA projects that may be awarded to the City through the regional funding process over the next six years.

#### Funding Sources

General Transportation Revenue	0	0	0	73,270	25,594	302,017	347,000	747,881
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>73,270</b>	<b>25,594</b>	<b>302,017</b>	<b>347,000</b>	<b>747,881</b>

#### Project Costs

Const/Equip	0	0	0	73,270	25,594	302,017	347,000	747,881
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>73,270</b>	<b>25,594</b>	<b>302,017</b>	<b>347,000</b>	<b>747,881</b>

#### Fund Level Costs

	0	0	0	0	0	0	0	0
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#### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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### Pay Stations

Area: CC  
Efficiency

#### Project Description

Contract with SchlumbergerSema to provide pay stations and operation services.

#### Funding Sources

Revenue Bonds	0	0	1,790,000	0	0	0	0	1,790,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>1,790,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,790,000</b>

#### Project Costs

Const/Equip	0	0	1,790,000	0	0	0	0	1,790,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>1,790,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,790,000</b>

#### Fund Level Costs

	0	0	0	0	0	0	0	0
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#### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

## PROJECT DETAIL

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Pay Stations for NW</b>								
								Area: NW
								Replacement
<b>Project Description</b>								
Contract with SchlumbergerSema to provide pay stations and operation services.								
<b>Funding Sources</b>								
Revenue Bonds	0	0	1,074,000	0	0	0	0	1,074,000
<b>Total Funding Sources</b>	0	0	1,074,000	0	0	0	0	1,074,000
<b>Project Costs</b>								
Const/Equip	0	0	1,074,000	0	0	0	0	1,074,000
<b>Total Project Costs</b>	0	0	1,074,000	0	0	0	0	1,074,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>RATS Ph I - Steel Bridge NE/CC</b>								
								Area: CC
								Repair/Maint
<b>Project Description</b>								
Second year of plant establishment and irrigation maintenance.								
<b>Funding Sources</b>								
Intergovernmental	0	0	10,000	0	0	0	0	10,000
<b>Total Funding Sources</b>	0	0	10,000	0	0	0	0	10,000
<b>Project Costs</b>								
Const/Equip	0	0	10,000	0	0	0	0	10,000
<b>Total Project Costs</b>	0	0	10,000	0	0	0	0	10,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Streetcar Phase III, SW</b>								
								Area: SW
								Expansion
<b>Project Description</b>								
Phase III of the streetcar will extend from the current terminus at the Portland State University Urban Center across Harrison Street and Naito Parkway to River Place with a new terminus at the foot of the Marquam Bridge. This extension will stand on its own or be expanded into the North Macadam District if circumstances warrant.								
<b>Funding Sources</b>								
Intergovernmental	0	0	686,354	0	0	0	0	686,354
General Transportation Revenue	0	35,000	25,000	25,000	25,000	25,000	25,000	125,000
<b>Total Funding Sources</b>	0	35,000	711,354	25,000	25,000	25,000	25,000	811,354
<b>Project Costs</b>								
Planning	0	0	0	25,000	25,000	25,000	25,000	100,000
Const/Equip	0	35,000	711,354	0	0	0	0	711,354
<b>Total Project Costs</b>	0	35,000	711,354	25,000	25,000	25,000	25,000	811,354
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Transportation and Parking

## Office of Transportation

### PROJECT DETAIL

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Sunset Highway Support, SW								
	Area:							SW
								Expansion
Project Description								
Support to ODOT for improvements on Sunset Hwy from Zoo interchange to city limits.								
Funding Sources								
Grants/Donations	653,135	33,155	11,085	10,000	5,000	0	0	26,085
General Transportation Revenue	34,500	0	0	0	0	0	0	0
Total Funding Sources	687,635	33,155	11,085	10,000	5,000	0	0	26,085
Project Costs								
Design/ProjMgmt	160,675	0	0	0	0	0	0	0
Const/Equip	526,960	33,155	11,085	10,000	5,000	0	0	26,085
Total Project Costs	687,635	33,155	11,085	10,000	5,000	0	0	26,085
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Tea-21 Signal Priority, CW								
	Area:							CC
								Expansion
Project Description								
To test and implement 3M Corporation's Opticom (R) preemption system on Tri-Met buses in order to facilitate the movement of public transit and emergency response vehicle with traffic signal preemption in certain high priority transportation corridors.								
Funding Sources								
Grants/Donations	0	1,579,806	349,486	0	0	0	0	349,486
Total Funding Sources	0	1,579,806	349,486	0	0	0	0	349,486
Project Costs								
Design/ProjMgmt	0	372,753	0	0	0	0	0	0
Const/Equip	0	1,207,053	349,486	0	0	0	0	349,486
Total Project Costs	0	1,579,806	349,486	0	0	0	0	349,486
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Tri-Met Streamline, CW								
	Area:							CC
								Efficiency
Project Description								
This project provides for planning, design and implementation of transit system improvements that will encourage use of transit.								
Funding Sources								
Intergovernmental	0	0	120,320	0	0	0	0	120,320
Total Funding Sources	0	0	120,320	0	0	0	0	120,320
Project Costs								
Design/ProjMgmt	0	0	20,000	0	0	0	0	20,000
Const/Equip	0	0	100,320	0	0	0	0	100,320
Total Project Costs	0	0	120,320	0	0	0	0	120,320
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Transportation and Parking**  
**Office of Transportation**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Union Station/6th Ave Extens								
							Area:	CC
								Expansion
Project Description								
Construction phase.								
Funding Sources								
Intergovernmental	28,952	384,091	28,478	0	0	0	0	28,478
Total Funding Sources	28,952	384,091	28,478	0	0	0	0	28,478
Project Costs								
Design/ProjMgmt	28,952	100,000	0	0	0	0	0	0
Const/Equip	0	284,091	28,478	0	0	0	0	28,478
Total Project Costs	28,952	384,091	28,478	0	0	0	0	28,478
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

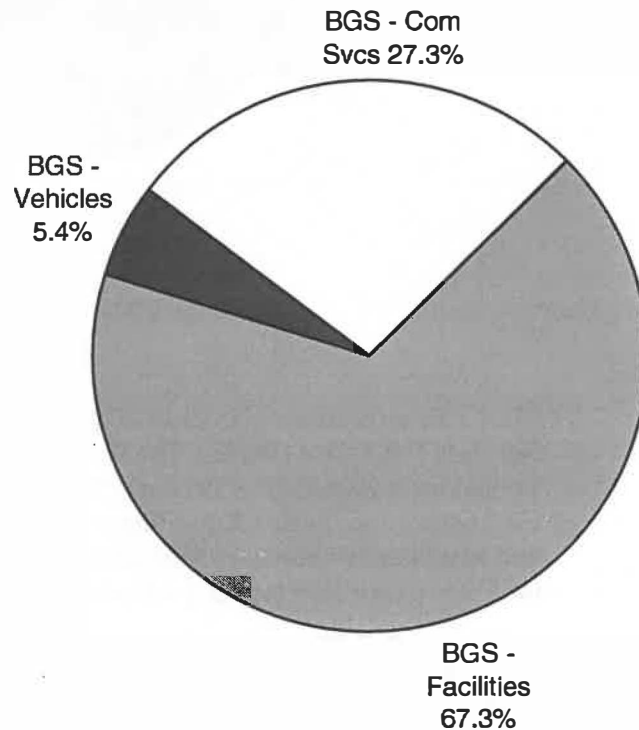


# Legislative, Administrative and Support Services

## SERVICE AREA OVERVIEW

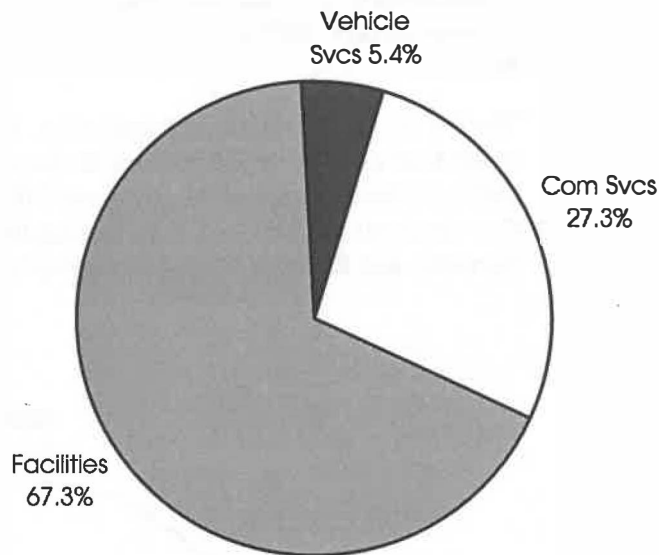
Projects found in the Legislative, Administrative and Support Services service area support the City's operating bureaus. The services provided include legal advice, facilities, fleet, purchasing, human resources, financial planning, and administrative services including bureau oversight from the Mayor and Commissioners' Offices. These projects are undertaken by OMF's General Services.

The FY 2002-03 budget for Legislative, Administrative and Support Services is about \$2.9 million, or 1.5 percent of the total CIP budget. Approximately \$12.5 million is budgeted over the five-year CIP time frame. These projects are found in Communications Services, Portland Building, 1900 Building, City Hall, Vehicle Services, and Records Management capital programs.



## GENERAL SERVICES

General Services provides communications, facilities, fleet, printing and distribution, and parking services to City bureaus, other government agencies and, on a limited basis, to the public.



### Communications Services

The Communications Services CIP budget is primarily for the Integrated Regional Network Enterprise (IRNE). The FY 2002-03 capital budget is about \$798,000. The project includes a City of Portland Wide Area Network (WAN), a high capacity communications network providing voice, video, and data transmission. This integrated and seamless technology will improve the efficiency of City communications and allow the City to take on a higher level of data traffic.

### Portland Building

General Services provides ongoing maintenance for the majority of the buildings owned by the City. This program includes large repair projects on The Portland Building, totaling approximately \$1.5 million in FY 2002-03 and about \$7.1 million planned for FY 2002-07. Funding for these projects is from bureau revenues and interagency charges. The largest projects in FY 2002-03 include HVAC improvements (\$370,000), refurbishing restrooms (\$330,000), and 3rd and 13th floor freight lobbies (\$287,000).

### City Hall

Adding security film to the windows of City Hall for \$45,000 is the only capital project for this building in FY 2002-03.

- 1900 Building**      The 1900 Building FY 2002-03 CIP projects include replacing carpet at Development Services for \$229,000, applying security film to the windows at \$113,000, and a new finish for the front stairs and landing at \$38,000.
- Vehicle Services**      General Services provides ongoing maintenance for the City's garages. CIP projects will install a specialized exhaust system and smoke hatch curtain at the Kerby Garage for \$158,000 in FY 2002-03.

# Capital Improvement Plan — Legislative, Administrative & Support Svcs SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Bureau of General Services</b>								
<b>1900 Building</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	0	380,000	0	1,412,000	293,000	0	2,085,000
<b>Total Funding Sources</b>	0	0	380,000	0	1,412,000	293,000	0	2,085,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	81,000	0	300,000	62,000	0	443,000
Site Acquisition	0	0	30,000	0	0	0	0	30,000
Const/Equip	0	0	269,000	0	1,112,000	231,000	0	1,612,000
<b>Total Project Costs</b>	0	0	380,000	0	1,412,000	293,000	0	2,085,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>City Hall</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	0	45,000	884,000	0	660,000	248,000	1,837,000
<b>Total Funding Sources</b>	0	0	45,000	884,000	0	660,000	248,000	1,837,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	10,000	188,000	0	140,000	53,000	391,000
Const/Equip	0	0	35,000	696,000	0	520,000	195,000	1,446,000
<b>Total Project Costs</b>	0	0	45,000	884,000	0	660,000	248,000	1,837,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Communications Services</b>								
<b>Funding Sources</b>								
Bureau Revenues	425,480	0	0	0	0	0	0	0
Fund Balance	1,534,772	0	0	0	0	0	0	0
Others Financing	0	9,738,932	798,439	0	0	0	0	798,439
<b>Total Funding Sources</b>	1,960,252	9,738,932	798,439	0	0	0	0	798,439
<b>Project Costs</b>								
Design/ProjMgmt	412,000	463,168	100,000	0	0	0	0	100,000
Const/Equip	1,548,252	9,275,764	698,439	0	0	0	0	698,439
<b>Total Project Costs</b>	1,960,252	9,738,932	798,439	0	0	0	0	798,439
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Portland Building</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	314,000	1,521,667	767,667	2,257,666	1,033,000	1,566,000	7,146,000
<b>Total Funding Sources</b>	0	314,000	1,521,667	767,667	2,257,666	1,033,000	1,566,000	7,146,000
<b>Project Costs</b>								
Design/ProjMgmt	0	63,000	316,724	168,723	483,673	222,340	319,440	1,510,900
Const/Equip	0	251,000	1,204,943	598,944	1,773,993	810,660	1,246,560	5,635,100
<b>Total Project Costs</b>	0	314,000	1,521,667	767,667	2,257,666	1,033,000	1,566,000	7,146,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0



# Capital Improvement Plan — Legislative, Administrative & Support Svcs SOURCES AND USES

This table summarizes the funding and costs by capital program for bureaus within this service area.

Bureau	Revised		Adopted	Capital Plan				
Capital Program	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Records Center (SPARC)</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	0	19,000	64,000	0	0	0	83,000
<b>Total Funding Sources</b>	0	0	19,000	64,000	0	0	0	83,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	4,000	14,000	0	0	0	18,000
Const/Equip	0	0	15,000	50,000	0	0	0	65,000
<b>Total Project Costs</b>	0	0	19,000	64,000	0	0	0	83,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Vehicle Services</b>								
<b>Funding Sources</b>								
Bureau Revenues	0	0	158,000	167,000	165,000	0	60,000	550,000
<b>Total Funding Sources</b>	0	0	158,000	167,000	165,000	0	60,000	550,000
<b>Project Costs</b>								
Planning	0	0	21,500	21,500	0	0	0	43,000
Design/ProjMgmt	0	0	12,000	14,000	35,000	0	12,000	73,000
Const/Equip	0	0	124,500	131,500	130,000	0	48,000	434,000
<b>Total Project Costs</b>	0	0	158,000	167,000	165,000	0	60,000	550,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

# Capital Improvement Plan — Legislative, Administrative & Support Svcs GEOGRAPHIC SUMMARY

This table summarizes capital costs by geographic area for bureaus within this service area.

Bureau		Revised	Adopted	Capital Plan				
Geographic Area	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Legislative, Administrative &amp; Support Svcs</b>								
<b>Bureau of General Services</b>								
Central City	1,960,252	10,052,932	2,745,106	1,651,667	3,669,666	1,986,000	1,814,000	11,866,439
North	0	0	177,000	166,000	38,000	0	25,000	406,000
Southeast	0	0	0	65,000	127,000	0	35,000	227,000
<b>Total Bureau of General Services</b>	<b>1,960,252</b>	<b>10,052,932</b>	<b>2,922,106</b>	<b>1,882,667</b>	<b>3,834,666</b>	<b>1,986,000</b>	<b>1,874,000</b>	<b>12,499,439</b>
<b>Total Legislative, Administrative &amp; Support Svcs</b>	<b>\$ 1,960,252</b>	<b>\$ 10,052,932</b>	<b>\$ 2,922,106</b>	<b>\$ 1,882,667</b>	<b>\$ 3,834,666</b>	<b>\$ 1,986,000</b>	<b>\$ 1,874,000</b>	<b>\$ 12,499,439</b>

# Capital Improvement Plan — Legislative, Administrative & Support Svcs

## CAPITAL PROJECTS

This table summarizes project costs by the capital programs of the bureaus within this service area.

Bureau								
Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2001–02	FY 2002–03	FY 2003–04	FY 2004–05	FY 2005–06	FY 2006–07	5–Year Total
<b>Bureau of General Services</b>								
<b>1900 Building</b>								
Apply Safety/Security Window Film	0	0	113,000	0	0	0	0	113,000
Finish for Front Stairs and Landing	0	0	38,000	0	0	0	0	38,000
Paint Interior	0	0	0	0	0	293,000	0	293,000
Replace Carpet at Development Services	0	0	229,000	0	0	0	0	229,000
Restack of Building	0	0	0	0	1,412,000	0	0	1,412,000
<b>Total 1900 Building</b>	<b>0</b>	<b>0</b>	<b>380,000</b>	<b>0</b>	<b>1,412,000</b>	<b>293,000</b>	<b>0</b>	<b>2,085,000</b>
<b>City Hall</b>								
4th Avenue Plaza Improvements	0	0	0	0	0	0	248,000	248,000
Clean Exterior Sandstone	0	0	0	0	0	180,000	0	180,000
Council Chambers Audio Visual Upgrade	0	0	0	71,000	0	0	0	71,000
Interior Painting	0	0	0	329,000	0	0	0	329,000
Power Doors for Suites	0	0	0	0	0	180,000	0	180,000
Replace Carpet	0	0	0	453,000	0	0	0	453,000
Replace Stacking Guest Chairs in Council	0	0	0	31,000	0	0	0	31,000
Security Film on Windows	0	0	45,000	0	0	0	0	45,000
Suite Electronic Access Controls	0	0	0	0	0	300,000	0	300,000
<b>Total City Hall</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>884,000</b>	<b>0</b>	<b>660,000</b>	<b>248,000</b>	<b>1,837,000</b>
<b>Communications Services</b>								
Integrated Regional Network Enterprise	1,960,252	9,738,932	798,439	0	0	0	0	798,439
<b>Total Communications Services</b>	<b>1,960,252</b>	<b>9,738,932</b>	<b>798,439</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>798,439</b>
<b>Portland Building</b>								
3rd and 13th Floor Elevator Freight	0	0	287,000	0	0	0	0	287,000
3rd Floor Improvements - Storage Units	0	0	212,000	0	0	0	0	212,000
Additional Secure Bike Parking	0	0	24,000	0	0	0	0	24,000
Electrical System Expansion	0	0	0	100,000	695,000	695,000	0	1,490,000
HVAC System Expansion	0	0	370,000	279,000	279,000	279,000	0	1,207,000
Interior Paint	0	0	59,000	59,000	59,000	59,000	59,000	295,000
Main Roof Replacement	0	0	0	0	895,000	0	0	895,000
Reconfigure Parking Garage Operations	0	0	195,000	0	0	0	0	195,000
Restroom Refurbishment	0	314,000	329,667	329,667	329,666	0	0	989,000
Security Window Films	0	0	45,000	0	0	0	0	45,000
Upgrade Elevator Controls	0	0	0	0	0	0	1,507,000	1,507,000
<b>Total Portland Building</b>	<b>0</b>	<b>314,000</b>	<b>1,521,667</b>	<b>767,667</b>	<b>2,257,666</b>	<b>1,033,000</b>	<b>1,566,000</b>	<b>7,146,000</b>
<b>Records Center (SPARC)</b>								
Driveway Repairs	0	0	0	45,000	0	0	0	45,000
Exterior Window Replacement	0	0	0	19,000	0	0	0	19,000
Remove Exterior Stairwell	0	0	19,000	0	0	0	0	19,000
<b>Total Records Center (SPARC)</b>	<b>0</b>	<b>0</b>	<b>19,000</b>	<b>64,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,000</b>
<b>Vehicle Services</b>								
Kerby Garage - ADA Improvemnets	0	0	0	0	0	0	25,000	25,000
Kerby Garage - Exterior Sealing	0	0	0	0	38,000	0	0	38,000
Kerby Garage - Specialized Exhaust	0	0	102,000	102,000	0	0	0	204,000
Kerby Garage-Smoke Hatch Curtain Wall	0	0	56,000	0	0	0	0	56,000
Powell Garage - ADA Improvements	0	0	0	0	0	0	35,000	35,000
Powell Garage - Carport Roof	0	0	0	0	83,000	0	0	83,000
Powell Garage - Exterior Waterproofing	0	0	0	0	44,000	0	0	44,000
Powell Garage - Seal Coat Main Roof	0	0	0	65,000	0	0	0	65,000
<b>Total Vehicle Services</b>	<b>0</b>	<b>0</b>	<b>158,000</b>	<b>167,000</b>	<b>165,000</b>	<b>0</b>	<b>60,000</b>	<b>550,000</b>
<b>Total Bureau of General Services</b>	<b>1,960,252</b>	<b>10,052,932</b>	<b>2,922,106</b>	<b>1,882,667</b>	<b>3,834,666</b>	<b>1,986,000</b>	<b>1,874,000</b>	<b>12,499,439</b>
<b>Total Legislative, Administrative &amp; Support Svcs</b>	<b>\$ 1,960,252</b>	<b>\$ 10,052,932</b>	<b>\$ 2,922,106</b>	<b>\$ 1,882,667</b>	<b>\$ 3,834,666</b>	<b>\$ 1,986,000</b>	<b>\$ 1,874,000</b>	<b>\$ 12,499,439</b>

**Capital Improvement Plan — Legislative, Administrative & Support Svcs**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**1900 Building**

**Apply Safety/Security Window Film**

**Area:** CC  
Repair/Maint

**Project Description**

Apply mylar to the first and second floor windows southside and all floors westside. Mylar protects personnel from glass shards during breakage.

**Funding Sources**

**Bureau Revenues**

<b>Total Funding Sources</b>	0	0	113,000	0	0	0	0	113,000
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**Project Costs**

Design/ProjMgmt	0	0	24,000	0	0	0	0	24,000
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Const/Equip	0	0	89,000	0	0	0	0	89,000
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<b>Total Project Costs</b>	0	0	113,000	0	0	0	0	113,000
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<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Finish for Front Stairs and Landing**

**Area:** CC  
Repair/Maint

**Project Description**

Install floor covering in the landings of the prominent stairwell in the front of the building.

**Funding Sources**

Bureau Revenues	0	0	38,000	0	0	0	0	38,000
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<b>Total Funding Sources</b>	0	0	38,000	0	0	0	0	38,000
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**Project Costs**

Design/ProjMgmt	0	0	8,000	0	0	0	0	8,000
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Site Acquisition	0	0	30,000	0	0	0	0	30,000
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<b>Total Project Costs</b>	0	0	38,000	0	0	0	0	38,000
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<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Paint Interior**

**Area:** CC  
Repair/Maint

**Project Description**

This project is part of the long-term plan to maintain the appearance and condition of the building. This scheduled maintenance approach spreads costs and protects the investment in this asset.

**Funding Sources**

Bureau Revenues	0	0	0	0	0	293,000	0	293,000
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<b>Total Funding Sources</b>	0	0	0	0	0	293,000	0	293,000
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**Project Costs**

Design/ProjMgmt	0	0	0	0	0	62,000	0	62,000
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Const/Equip	0	0	0	0	0	231,000	0	231,000
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<b>Total Project Costs</b>	0	0	0	0	0	293,000	0	293,000
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<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Legislative, Administrative & Support Svcs**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	

**Replace Carpet at Development Services Center**

**Area:** CC  
Repair/Maint

**Project Description**

Broadloom carpet is showing wear at pathways in the Development Services Center. Replace worn areas with new carpet.

**Funding Sources**

Bureau Revenues	0	0	229,000	0	0	0	0	229,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>229,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>229,000</b>

**Project Costs**

Design/ProjMgmt	0	0	49,000	0	0	0	0	49,000
Const/Equip	0	0	180,000	0	0	0	0	180,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>229,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>229,000</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Restack of Building**

**Area:** CC  
Efficiency

**Project Description**

In a 1997 bureau survey, the building was projected to reach capacity by 2002. Bureau expansion exceeded capacity in 2001. A recent survey indicates the bureau will require an additional 24,032 square feet by 2004. Several options have been developed which include the possibility of a bureau moving out of the building to create the needed capacity. The new capacity will result in inter-building moves (re-stack). A bureau from outside the building might be identified to fill excess vacant space. The tenant spaces will require some remodeling to fit the new configuration.

**Funding Sources**

Bureau Revenues	0	0	0	0	1,412,000	0	0	1,412,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,412,000</b>	<b>0</b>	<b>0</b>	<b>1,412,000</b>

**Project Costs**

Design/ProjMgmt	0	0	0	0	300,000	0	0	300,000
Const/Equip	0	0	0	0	1,112,000	0	0	1,112,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,412,000</b>	<b>0</b>	<b>0</b>	<b>1,412,000</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**City Hall**

**4th Avenue Plaza Improvements**

**Area:** CC  
Repair/Maint

**Project Description**

Complete the design and development of improvements to the Plaza area on the 4th Avenue side of City Hall. The project will improve the Plaza's use and aesthetic appeal through the installation of various pedestrian amenities such as benches, planters, trash receptacles, and pathways.

**Funding Sources**

Bureau Revenues	0	0	0	0	0	0	248,000	248,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>248,000</b>	<b>248,000</b>

**Project Costs**

Design/ProjMgmt	0	0	0	0	0	0	53,000	53,000
Const/Equip	0	0	0	0	0	0	195,000	195,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>248,000</b>	<b>248,000</b>

**Fund Level Costs**

	0	0	0	0	0	0	0	0
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**Oper & Maint Costs**

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Legislative, Administrative & Support Svcs**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<hr/>								
<b>Clean Exterior Sandstone</b>								
								Area: CC
								Repair/Maint
<b>Project Description</b>								
Sandstone does not re-act well to sealing, therefore it must be carefully cleaned on a regular basis. Special equipment and products safe for historic sandstone will be used to remove stains and dirt accumulated over the five-year period. The painted wood windows are also showing signs of fading and will need to be repainted.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	0	0	180,000	0	180,000
<b>Total Funding Sources</b>	0	0	0	0	0	180,000	0	180,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	0	38,000	0	38,000
Const/Equip	0	0	0	0	0	142,000	0	142,000
<b>Total Project Costs</b>	0	0	0	0	0	180,000	0	180,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<hr/>								
<b>Council Chambers Audio Visual Upgrade</b>								
								Area: CC
								Repair/Maint
<b>Project Description</b>								
Five year life span replacement/upgrade on audio visual equipment.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	71,000	0	0	0	71,000
<b>Total Funding Sources</b>	0	0	0	71,000	0	0	0	71,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	15,000	0	0	0	15,000
Const/Equip	0	0	0	56,000	0	0	0	56,000
<b>Total Project Costs</b>	0	0	0	71,000	0	0	0	71,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<hr/>								
<b>Interior Painting</b>								
								Area: CC
								Repair/Maint
<b>Project Description</b>								
This project is part of the long-term plan to maintain the appearance and condition of the building. This scheduled maintenance approach spreads costs and protects the investment in this asset.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	329,000	0	0	0	329,000
<b>Total Funding Sources</b>	0	0	0	329,000	0	0	0	329,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	70,000	0	0	0	70,000
Const/Equip	0	0	0	259,000	0	0	0	259,000
<b>Total Project Costs</b>	0	0	0	329,000	0	0	0	329,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Legislative, Administrative & Support Svcs**  
**Bureau of General Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
<hr/>									
Power Doors for Suites									Area: CC
									Repair/Maint
<hr/>									
Project Description									
Add power assist doors to each main suite and council chambers. Pre-wiring to be done in conjunction with mag lock installation. Power assist doors will be ADA compliant.									
Funding Sources									
Bureau Revenues	0	0	0	0	0	180,000	0	180,000	
Total Funding Sources	0	0	0	0	0	180,000	0	180,000	
<hr/>									
Project Costs									
Design/ProjMgmt	0	0	0	0	0	38,000	0	38,000	
Const/Equip	0	0	0	0	0	142,000	0	142,000	
Total Project Costs	0	0	0	0	0	180,000	0	180,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
<hr/>									
Replace Carpet									Area: CC
									Repair/Maint
<hr/>									
Project Description									
Carpet replacement will be of a like material to the original renovation product. All carpeted offices, conference and meeting rooms will be replaced. Like the original renovation product, the carpet will be a manufactured product containing re-cycled materials.									
Funding Sources									
Bureau Revenues	0	0	0	453,000	0	0	0	453,000	
Total Funding Sources	0	0	0	453,000	0	0	0	453,000	
<hr/>									
Project Costs									
Design/ProjMgmt	0	0	0	96,000	0	0	0	96,000	
Const/Equip	0	0	0	357,000	0	0	0	357,000	
Total Project Costs	0	0	0	453,000	0	0	0	453,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	
<hr/>									
Replace Stacking Guest Chairs in Council Chambers									Area: CC
									Repair/Maint
<hr/>									
Project Description									
Replace stacking guest chairs due to normal ware and tear									
Funding Sources									
Bureau Revenues	0	0	0	31,000	0	0	0	31,000	
Total Funding Sources	0	0	0	31,000	0	0	0	31,000	
<hr/>									
Project Costs									
Design/ProjMgmt	0	0	0	7,000	0	0	0	7,000	
Const/Equip	0	0	0	24,000	0	0	0	24,000	
Total Project Costs	0	0	0	31,000	0	0	0	31,000	
Fund Level Costs	0	0	0	0	0	0	0	0	
Oper & Maint Costs	0	0	0	0	0	0	0	0	

**Capital Improvement Plan — Legislative, Administrative & Support Svcs**  
**Bureau of General Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
Security Film on Windows								
								Area: CC
								Repair/Maint
Project Description								
Apply mylar to all floors windows. Mylar protects personnel from glass shards during breakage.								
Funding Sources								
Bureau Revenues	0	0	45,000	0	0	0	0	45,000
Total Funding Sources	0	0	45,000	0	0	0	0	45,000
Project Costs								
Design/ProjMgmt	0	0	10,000	0	0	0	0	10,000
Const/Equip	0	0	35,000	0	0	0	0	35,000
Total Project Costs	0	0	45,000	0	0	0	0	45,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Suite Electronic Access Controls								
								Area: CC
								Repair/Maint
Project Description								
Install electronic mag lock devices for main suites. Mag locks will be tied into the building's access control system. Access cards will be programmed according to building occupants requirements.								
Funding Sources								
Bureau Revenues	0	0	0	0	0	300,000	0	300,000
Total Funding Sources	0	0	0	0	0	300,000	0	300,000
Project Costs								
Design/ProjMgmt	0	0	0	0	0	64,000	0	64,000
Const/Equip	0	0	0	0	0	236,000	0	236,000
Total Project Costs	0	0	0	0	0	300,000	0	300,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Communications Services								
Integrated Regional Network Enterprise								
								Area: CC
								Objective(s): Expansion Efficiency
Project Description								
This project will design and construct a City of Portland wide area network (IRNE) which will serve as a replacement and augmentation to the conventional circuit-based networking strategies currently in place in many areas. This integrated and seamless technology will improve the efficiency of City communications by replacing many of the single bureau systems currently being used. The wide area network will be a high capacity communications network providing voice, video, and data transmissions. The IRNE is envisioned as a network architecture that will employ many state-of-the-art technologies, including fiber optics, wireless data systems, and fast-packet protocols.								
Funding Sources								
Others Financing	0	9,738,932	798,439	0	0	0	0	798,439
Bureau Revenues	425,480	0	0	0	0	0	0	0
Fund Balance	1,534,772	0	0	0	0	0	0	0
Total Funding Sources	1,960,252	9,738,932	798,439	0	0	0	0	798,439
Project Costs								
Design/ProjMgmt	412,000	463,168	100,000	0	0	0	0	100,000
Const/Equip	1,548,252	9,275,764	698,439	0	0	0	0	698,439
Total Project Costs	1,960,252	9,738,932	798,439	0	0	0	0	798,439
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0



**Capital Improvement Plan — Legislative, Administrative & Support Svcs**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total

**Portland Building**

**3rd and 13th Floor Elevator Freight Lobbies**

**Area:** CC

Repair/Maint

**Project Description**

Only two Portland-occupied floors of The Portland Building remain with unimproved passenger elevator lobbies and freight elevator lobbies—Floors 3 and 13. Using the standard adopted for the balance of the building, this project will upgrade the lobbies on these floors.

**Funding Sources**

Bureau Revenues	0	0	287,000	0	0	0	0	287,000
<b>Total Funding Sources</b>	0	0	287,000	0	0	0	0	287,000

**Project Costs**

Design/ProjMgmt	0	0	61,000	0	0	0	0	61,000
Const/Equip	0	0	226,000	0	0	0	0	226,000
<b>Total Project Costs</b>	0	0	287,000	0	0	0	0	287,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**3rd Floor Improvements - Storage Units**

**Area:** CC

Efficiency

**Project Description**

Construct storage units in Room 318 for rent.

**Funding Sources**

Bureau Revenues	0	0	212,000	0	0	0	0	212,000
<b>Total Funding Sources</b>	0	0	212,000	0	0	0	0	212,000

**Project Costs**

Design/ProjMgmt	0	0	52,000	0	0	0	0	52,000
Const/Equip	0	0	160,000	0	0	0	0	160,000
<b>Total Project Costs</b>	0	0	212,000	0	0	0	0	212,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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**Additional Secure Bike Parking**

**Area:** CC

Repair/Maint

**Project Description**

This project will replace old bike racks with new style, more secure and space efficient bike racks. This will allow for more racks in the same amount of space. An added benefit is that the racks will be less expensive to maintain the current style.

**Funding Sources**

Bureau Revenues	0	0	24,000	0	0	0	0	24,000
<b>Total Funding Sources</b>	0	0	24,000	0	0	0	0	24,000

**Project Costs**

Design/ProjMgmt	0	0	5,000	0	0	0	0	5,000
Const/Equip	0	0	19,000	0	0	0	0	19,000
<b>Total Project Costs</b>	0	0	24,000	0	0	0	0	24,000

<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
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<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
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# Capital Improvement Plan — Legislative, Administrative & Support Svcs

## PROJECT DETAIL

### Bureau of General Services

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total

#### Electrical System Expansion

Area: CC

Objective(s): Repair/Maint  
Efficiency

##### Project Description

This phase of the project consists of an engineering study (FY 2002-03) to design a building system capable of supporting known and projected building electrical loads. The recommendations of the study are expected to include replacement of existing transformers and installation of additional feeders and panels. Construction is programmed for FY 2003-04 and FY 2004-05.

##### Funding Sources

Bureau Revenues	0	0	0	100,000	695,000	695,000	0	1,490,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>695,000</b>	<b>695,000</b>	<b>0</b>	<b>1,490,000</b>

##### Project Costs

Design/ProjMgmt	0	0	0	21,000	145,950	145,950	0	312,900
Const/Equip	0	0	0	79,000	549,050	549,050	0	1,177,100
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>695,000</b>	<b>695,000</b>	<b>0</b>	<b>1,490,000</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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#### HVAC System Expansion

Area: CC

Repair/Maint

##### Project Description

This project consists of an engineering study (FY 2002-03) to design a building system fully capable of supporting known and projected building ventilation and air conditioning requirements. The recommendations of the study are expected to include installation of additional direct digital controls (DDC), installation of variable speed drives (VSD) on the fan and pump motors, replacement of some existing motors with high efficiency motors, humidification of supply air, installation of a condensate water loop from the 2nd floor mechanical rooms to the penthouse, and installation of additional cooling tower capacity. Existing toilet and utility closet exhaust systems may need to be enlarged. Construction is programmed for FY 2003-04, FY 2004-05 and FY 2005-06.

##### Funding Sources

Bureau Revenues	0	0	370,000	279,000	279,000	279,000	0	1,207,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>370,000</b>	<b>279,000</b>	<b>279,000</b>	<b>279,000</b>	<b>0</b>	<b>1,207,000</b>

##### Project Costs

Design/ProjMgmt	0	0	64,000	64,000	64,000	64,000	0	256,000
Const/Equip	0	0	306,000	215,000	215,000	215,000	0	951,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>370,000</b>	<b>279,000</b>	<b>279,000</b>	<b>279,000</b>	<b>0</b>	<b>1,207,000</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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#### Interior Paint

Area: CC

Repair/Maint

##### Project Description

This project is part of the long-term plan to maintain the appearance and condition of the building. This scheduled maintenance approach spreads costs and protects the investment in this asset.

##### Funding Sources

Bureau Revenues	0	0	59,000	59,000	59,000	59,000	59,000	295,000
<b>Total Funding Sources</b>	<b>0</b>	<b>0</b>	<b>59,000</b>	<b>59,000</b>	<b>59,000</b>	<b>59,000</b>	<b>59,000</b>	<b>295,000</b>

##### Project Costs

Design/ProjMgmt	0	0	12,390	12,390	12,390	12,390	440	50,000
Const/Equip	0	0	46,610	46,610	46,610	46,610	58,560	245,000
<b>Total Project Costs</b>	<b>0</b>	<b>0</b>	<b>59,000</b>	<b>59,000</b>	<b>59,000</b>	<b>59,000</b>	<b>59,000</b>	<b>295,000</b>

##### Fund Level Costs

	0	0	0	0	0	0	0	0
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##### Oper & Maint Costs

	0	0	0	0	0	0	0	0
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**Capital Improvement Plan — Legislative, Administrative & Support Svcs**  
**Bureau of General Services**

**PROJECT DETAIL**

		Revised	Adopted	Capital Plan				
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<hr/>								
Main Roof Replacement								
Area:								CC
Repair/Maint								
Project Description								
Funding Sources								
Bureau Revenues	0	0	0	0	895,000	0	0	895,000
Total Funding Sources	0	0	0	0	895,000	0	0	895,000
Project Costs								
Design/ProjMgmt	0	0	0	0	190,000	0	0	190,000
Const/Equip	0	0	0	0	705,000	0	0	705,000
Total Project Costs	0	0	0	0	895,000	0	0	895,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Reconfigure Parking Garage Operations								
Area:								CC
Objective(s):								Repair/Maint Efficiency
Project Description								
Install entrance and exit garage doors controlled by proximity cards. Replace existing rollup door with new security door.								
Funding Sources								
Bureau Revenues	0	0	195,000	0	0	0	0	195,000
Total Funding Sources	0	0	195,000	0	0	0	0	195,000
Project Costs								
Design/ProjMgmt	0	0	41,000	0	0	0	0	41,000
Const/Equip	0	0	154,000	0	0	0	0	154,000
Total Project Costs	0	0	195,000	0	0	0	0	195,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0
Restroom Refurbishment								
Area:								CC
Repair/Maint								
Project Description								
Install new counter-tops and sinks, repaint walls, install new privacy screens and towel dispensers, wrap drain pipes under sinks and upgrade the lighting.								
Funding Sources								
Bureau Revenues	0	314,000	329,667	329,667	329,666	0	0	989,000
Total Funding Sources	0	314,000	329,667	329,667	329,666	0	0	989,000
Project Costs								
Design/ProjMgmt	0	63,000	71,334	71,333	71,333	0	0	214,000
Const/Equip	0	251,000	258,333	258,334	258,333	0	0	775,000
Total Project Costs	0	314,000	329,667	329,667	329,666	0	0	989,000
Fund Level Costs	0	0	0	0	0	0	0	0
Oper & Maint Costs	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Legislative, Administrative & Support Svcs**  
**Bureau of General Services**

**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Security Window Films</b>								
							<b>Area:</b>	CC
								Repair/Maint
<b>Project Description</b>								
Apply mylar to the four through fifteen floors windows. Mylar protects personnel from glass shards during breakage.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	45,000	0	0	0	0	45,000
<b>Total Funding Sources</b>	0	0	45,000	0	0	0	0	45,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	10,000	0	0	0	0	10,000
Const/Equip	0	0	35,000	0	0	0	0	35,000
<b>Total Project Costs</b>	0	0	45,000	0	0	0	0	45,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Upgrade Elevator Controls</b>								
							<b>Area:</b>	CC
								Repair/Maint
<b>Project Description</b>								
This project will modernize The Portland Building elevator controls with latest technology, non-proprietary control equipment.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	0	0	0	1,507,000	1,507,000
<b>Total Funding Sources</b>	0	0	0	0	0	0	1,507,000	1,507,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	0	0	319,000	319,000
Const/Equip	0	0	0	0	0	0	1,188,000	1,188,000
<b>Total Project Costs</b>	0	0	0	0	0	0	1,507,000	1,507,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Records Center (SPARC)</b>								
<b>Driveway Repairs</b>								
							<b>Area:</b>	N
								Repair/Maint
<b>Project Description</b>								
Re-pave the existing access driveway with asphalt material from the entrance at Columbia Blvd. To the facility parking area / turn around.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	45,000	0	0	0	45,000
<b>Total Funding Sources</b>	0	0	0	45,000	0	0	0	45,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	10,000	0	0	0	10,000
Const/Equip	0	0	0	35,000	0	0	0	35,000
<b>Total Project Costs</b>	0	0	0	45,000	0	0	0	45,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

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**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
<b>Exterior Window Replacement</b>									
									<b>Area:</b> N
									Repair/Maint
<b>Project Description</b>									
Remove the exterior concrete stairs, one on the east and one on the west side of the building. Replace with landscape rocks and topsoil.									
<b>Funding Sources</b>									
Bureau Revenues	0	0	0	19,000	0	0	0	19,000	
<b>Total Funding Sources</b>	0	0	0	19,000	0	0	0	19,000	
<b>Project Costs</b>									
Design/ProjMgmt	0	0	0	4,000	0	0	0	4,000	
Const/Equip	0	0	0	15,000	0	0	0	15,000	
<b>Total Project Costs</b>	0	0	0	19,000	0	0	0	19,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	
<b>Remove Exerior Stairwell</b>									
									<b>Area:</b> N
									Repair/Maint
<b>Project Description</b>									
Remove the exterior concrete stairs, one on the east and one on the west side of the building. Replace with landscape rocks and topsoil.									
<b>Funding Sources</b>									
Bureau Revenues	0	0	19,000	0	0	0	0	19,000	
<b>Total Funding Sources</b>	0	0	19,000	0	0	0	0	19,000	
<b>Project Costs</b>									
Design/ProjMgmt	0	0	4,000	0	0	0	0	4,000	
Const/Equip	0	0	15,000	0	0	0	0	15,000	
<b>Total Project Costs</b>	0	0	19,000	0	0	0	0	19,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	
<b>Vehicle Services</b>									
<b>Kerby Garage - ADA Improvemnets</b>									
									<b>Area:</b> N
									Repair/Maint
<b>Project Description</b>									
Upgrade toilet rooms and training room to meet requirements of the ADA. Some of the restrooms have had ADA upgrades, but most don't fully comply with the code. Work includes hardware, signage, pipe wraps and smaller related work.									
<b>Funding Sources</b>									
Bureau Revenues	0	0	0	0	0	0	25,000	25,000	
<b>Total Funding Sources</b>	0	0	0	0	0	0	25,000	25,000	
<b>Project Costs</b>									
Design/ProjMgmt	0	0	0	0	0	0	5,000	5,000	
Const/Equip	0	0	0	0	0	0	20,000	20,000	
<b>Total Project Costs</b>	0	0	0	0	0	0	25,000	25,000	
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0	
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0	

# Capital Improvement Plan — Legislative, Administrative & Support Svcs

## PROJECT DETAIL

### Bureau of General Services

	Revised		Adopted		Capital Plan			
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Kerby Garage - Exterior Sealing</b>								
								N
								Repair/Maint
<b>Project Description</b>								
This project will apply an elastomeric coating to the exterior masonry surfaces of the west and south sides of the building. These areas of CMU wall are experiencing extensive water penetration and scaling of interior wall surfaces.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	0	38,000	0	0	38,000
<b>Total Funding Sources</b>	0	0	0	0	38,000	0	0	38,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	0	8,000	0	0	8,000
Const/Equip	0	0	0	0	30,000	0	0	30,000
<b>Total Project Costs</b>	0	0	0	0	38,000	0	0	38,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Kerby Garage - Specialized Exhaust System</b>								
								N
								Efficiency
<b>Project Description</b>								
This project will provide a vehicle exhaust ventilation system (VEVS) for the individual bays at the Kerby Garage. The system will provide hose and reel equipment that will attach to the vehicle exhaust pipes during maintenance procedures.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	102,000	102,000	0	0	0	204,000
<b>Total Funding Sources</b>	0	0	102,000	102,000	0	0	0	204,000
<b>Project Costs</b>								
Planning	0	0	21,500	21,500	0	0	0	43,000
Const/Equip	0	0	80,500	80,500	0	0	0	161,000
<b>Total Project Costs</b>	0	0	102,000	102,000	0	0	0	204,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0
<b>Kerby Garage-Smoke Hatch Curtain Wall</b>								
								N
								Repair/Maint
<b>Project Description</b>								
This project will provide code required curtain walls at each of the 15 smoke hatches penetrating the roof. This code deficiency was discovered by OPDR's building inspector during the re-roof of Kerby Garage in the fall of 2001. BGS obtained a one year deferral of the work.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	56,000	0	0	0	0	56,000
<b>Total Funding Sources</b>	0	0	56,000	0	0	0	0	56,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	12,000	0	0	0	0	12,000
Const/Equip	0	0	44,000	0	0	0	0	44,000
<b>Total Project Costs</b>	0	0	56,000	0	0	0	0	56,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0

**Capital Improvement Plan — Legislative, Administrative & Support Svcs**  
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**PROJECT DETAIL**

		Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total	
Powell Garage - ADA Improvements									
									Area: SE
									Mandated
Project Description									
Upgrade toilet room and lunchroom to meet requirements of the ADA. The toilet rooms in the Powell garage have never had any ADA improvement work and donit comply. Work would include new toilet fixtures, partitions, hardware, pipe wraps and signage. A new concrete access ramp from the main floor to the raised platform where the toilet rooms are located is also required.									
Funding Sources									
Bureau Revenues		0	0	0	0	0	0	35,000	35,000
Total Funding Sources		0	0	0	0	0	0	35,000	35,000
Project Costs									
Design/ProjMgmt		0	0	0	0	0	0	7,000	7,000
Const/Equip		0	0	0	0	0	0	28,000	28,000
Total Project Costs		0	0	0	0	0	0	35,000	35,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Powell Garage - Carport Roof									
									Area: SE
									Repair/Maint
Project Description									
This project will replace the current deteriorated roof, metal gutters and downspouts.									
Funding Sources									
Bureau Revenues		0	0	0	0	83,000	0	0	83,000
Total Funding Sources		0	0	0	0	83,000	0	0	83,000
Project Costs									
Design/ProjMgmt		0	0	0	0	18,000	0	0	18,000
Const/Equip		0	0	0	0	65,000	0	0	65,000
Total Project Costs		0	0	0	0	83,000	0	0	83,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0
Powell Garage - Exterior Waterproofing									
									Area: SE
									Repair/Maint
Project Description									
This project will waterproof the exterior walls of the building.									
Funding Sources									
Bureau Revenues		0	0	0	0	44,000	0	0	44,000
Total Funding Sources		0	0	0	0	44,000	0	0	44,000
Project Costs									
Design/ProjMgmt		0	0	0	0	9,000	0	0	9,000
Const/Equip		0	0	0	0	35,000	0	0	35,000
Total Project Costs		0	0	0	0	44,000	0	0	44,000
Fund Level Costs		0	0	0	0	0	0	0	0
Oper & Maint Costs		0	0	0	0	0	0	0	0

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**PROJECT DETAIL**

	Revised	Adopted	Capital Plan					
	Prior Years	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	5-Year Total
<b>Powell Garage - Seal Coat Main Roof</b>								
							Area:	SE
								Repair/Maint
<b>Project Description</b>								
The existing roof (1986) is beginning to show signs of wear due to exposure. This project will provide a protective seal coat.								
<b>Funding Sources</b>								
Bureau Revenues	0	0	0	65,000	0	0	0	65,000
<b>Total Funding Sources</b>	0	0	0	65,000	0	0	0	65,000
<b>Project Costs</b>								
Design/ProjMgmt	0	0	0	14,000	0	0	0	14,000
Const/Equip	0	0	0	51,000	0	0	0	51,000
<b>Total Project Costs</b>	0	0	0	65,000	0	0	0	65,000
<b>Fund Level Costs</b>	0	0	0	0	0	0	0	0
<b>Oper &amp; Maint Costs</b>	0	0	0	0	0	0	0	0



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