

CIP OVERVIEW

The City of Redmond views its six-year capital investment program as a long-range plan for addressing capital needs. The purposes and goals of the CIP are to:

- Provide capital facilities and infrastructure that are needed by the community for civic purposes and support the vision of Redmond’s future as articulated in the Comprehensive Plan.
- Support the provision of City services consistent with the expectations of the community, as expressed in the City’s declared level of service standards.
- Preserve levels of service as growth and development add new demands on City government.
- Provide facilities that meet special needs of the community.
- Rehabilitate and/or replace the City’s facilities and infrastructure to extend useful life and assure continued efficiency.

Redmond’s CIP is divided into two categories:

- General capital investment projects.
- Utility capital investment projects.

Within the General CIP, there are six functional areas that receive a dedicated portion of the revenue generated by the 5% General Fund transfer and Real Estate Excise Tax. The functional areas and their percentage allocations are listed below:

45%	Transportation (new or rehabilitated streets, sidewalks, intersections, bridges, etc.)
20%	Parks (acquisition and development of parks, trails, and open space)
15%	Fire (acquisition/construction costs for fire stations, apparatus, and technology tools)
10%	Police (Police building improvement/replacement costs and technology tools)
5%	General Government (citywide projects serving multiple purposes)
5%	Council Contingency (special projects identified by the Council)

CIP oversight responsibilities are provided by a cross-departmental steering committee, which discusses policy issues and coordinates activities pertinent to executing the City’s capital investment projects, as well as providing recommendations to the Mayor and Council. Following is an overview of each CIP category.

GENERAL CAPITAL INVESTMENT PROGRAM

Revenue Highlights

Total projected revenues for the 2005-2010 General CIP equal \$69 million excluding beginning fund balances, and are approximately \$24 million lower than the 2003-2008 CIP largely due to one-time adjustments. These adjustments include:

- Elimination of one-time Business Tax allocations to projects. New funding will be added to the CIP pending Council approval of the allocation of the business tax surcharge. The surcharge, which was scheduled to sunset at the end of 2004, was extended through 2006 and is expected to generate a total of \$7 million over the biennium.
- Reduction of one-time park loan proceeds for Perrigo and Grasslawn Parks.

- Deletion of projected Motor Vehicle Excise Tax revenue due to I-776 legislation which repealed the \$15 vehicle registration fee.
- Reductions in projected revenue for impact fees and interest earnings.

The following provides a summary of the changes in the CIP's major revenue sources:

- **General Fund** transfers into the CIP are projected to be \$17.1 million or \$100,000 under the General Fund estimates for the 2003-2008 CIP due to lower general operating revenues.
- **Real Estate Excise Tax** is projected to increase from a previous annual base of \$2.1 million to \$2.7 million per year. The continued increase in sales of commercial and housing properties has contributed to the growth of this tax.
- The **Business Tax** will continue at the current rate of \$55 per FTE and is scheduled to sunset at the end of 2006. Between 1997 and 2004 the City has collected \$25.7 million. The projected revenue from the Business Tax has not been programmed into the 2005-2010 CIP. The funds from this tax will be allocated once the Business Tax/Transportation Improvement Committee has made recommendations to Council and Council has approved them.
- **Impact fees** are projected to decline by approximately \$3.9 million as compared to the 2003-2008 CIP due to a decline in commercial development. The Transportation CIP will bear the majority (85%) of this decline as Transportation impact fees are more closely tied to commercial development. Parks and Fire impact fees which are more reliant on residential development will only see a slight decrease in their impact fees.
- **Vehicle Registration Fees** have been eliminated from the CIP due to the passage of Initiative 776 which repealed the \$15 local option vehicle license fee. The overall estimated loss to the Transportation CIP is over a six-year period \$2.4 million.

In addition to the revenue described above, these functional areas also receive other funding from the One-Half Cent Gas Tax, sales tax on construction, private contributions, and grants.

Program Highlights

City Campus Project

One of the most significant projects occurring in 2005-2006 is construction of the new City Hall and parking garage. In February 2001, Council approved a conceptual funding plan that included a maximum guaranteed price for the building and parking garage of \$36.1 million under a "lease/lease-back" agreement with the National Development Council (NDC). Total funding required over the life of the lease equals \$72.6 million and will come from a variety of sources as shown below.

<u>Funding Sources</u>	<u>Amount (millions)</u>
Existing Cash (General Govt. CIP)	\$16.0
General Fund	11.5
Council CIP Contingency	9.2
Sales Tax on Construction	29.7
Utilities	6.2
Net Lease Obligation*	\$72.6

* Net lease obligation includes debt and maintenance and operations of the new building, less savings as a result of consolidating staff into one building.

The first lease payment (\$3.2 million) is scheduled to occur in 2006 when the City plans to occupy the building. The lease payments will come from the General Fund (\$972,930), existing cash in the General Government CIP (\$1.4 million), Council CIP Contingency (\$350,000), Solid Waste/Recycling (\$30,097), Water/Wastewater (\$207,650), Stormwater (\$186,920), and UPD Fund (\$21,630).

Fire Station 17

The construction of Fire Station 17 at the NE Education Hill site has been rescheduled to 2007 due to the lack of General Fund resources to support the additional \$1.5 million annually of ongoing funding needed to staff and maintain the new station. The Fire Department has increased the funding for the project by approximately \$270,000 to mitigate the impact of inflation on the construction and apparatus costs.

Transportation Master Plan (TMP)

With its inception in 2001, the Transportation Master Plan continues to be a high priority in the Transportation CIP. The Council, City staff and the community continue to work to create a concept and implementation plan to achieve Redmond's future transportation vision. The current schedule calls for the draft TMP to be complete by the fall of 2004 with Council review beginning in January 2005.

Citywide Records Management System

A key difference between the current City Hall and the new City Hall is the reduction in the amount of storage space that will be available to staff both in their individual offices and in common storage areas. As a result, the City must establish a centralized methodology for electronically storing and managing its written documents. This proposal addresses storage needs by funding a citywide records management system. The total project cost is approximately \$1.3 million and is shared as follows: General Fund (\$500,000), General Government CIP (\$589,831), Water/Wastewater Utility (\$97,500), Stormwater Management Utility (\$67,500), and Solid Waste/Recycling (\$4,709).

Ongoing Maintenance and Operation Costs

As the City works to build CIP projects, it is important to understand how progress on the CIP will impact the City's ongoing expenditures for maintenance and operations. Once constructed, the cost of the project will shift from the Capital Investment Program to the General Fund to provide for ongoing maintenance of the new assets. In the 2005-2010 CIP, functional area managers have identified \$6.9 million in maintenance and operations costs associated with projects primarily due to the unfunded costs associated with fully staffing Station 17. Given the City's limited resources and the costs associated with fully staffing this station, other alternatives of staffing models may need to be explored. The new station will have a significant impact on the General Fund in future years.

The table below summarizes the maintenance and operations costs associated with projects being built in the 2005-2010 CIP. Additionally, each new CIP project description reflects these costs in more detail.

Maintenance and Operations Costs 2005-2010 General CIP

Project	2005 Budget	2006 Budget	2007 Budget	2008 Budget	2009 Budget	2010 Budget	Total
Parks							
Bear Creek Trail at Avondale			\$1,000	\$1,000	\$1,000	\$1,000	\$4,000
Hartman Park Renovation (Soccer Field Lighting)			20,000	20,000	20,000	20,000	80,000
Idlywood Beach Park Picnic Shelters/Volleyball Court			10,000	10,000	10,000	10,000	40,000
Park Renovation		530	560	590	620	650	2,950
Trails Renovation Fund		500	500	500	500	500	2,500
Dudley Carter Site		5,000	5,000	5,000	5,000	5,000	25,000
Transportation							
E. Lake Sam Prkway/ 187th Ave NE Intersection Improvements					3,200	3,200	6,400
MOC Building Acquisition			40,000	40,000	40,000	40,000	160,000
Fire							
Fire Station 17			1,500,000	1,500,000	1,500,000	1,500,000	6,000,000
Police							
EOC Enhancements		2,300	2,300	2,300	2,300	2,300	11,500
General Government							
Citywide Records Management Program	0	0	150,000	150,000	150,000	150,000	600,000
Total	\$0	\$8,330	\$1,729,360	\$1,729,390	\$1,732,620	\$1,732,650	\$6,932,350

UTILITY CAPITAL INVESTMENT PROGRAM

Water/Wastewater Capital Investment Program

The Water/Wastewater CIP is funded through depreciation transfers from the Water/Wastewater utility, developer contributions, connection charges and the ending fund balance from prior budget periods. The 2004 rate study found that the current funding strategy being employed was adequate to meet the Utility CIP needs. Water/Wastewater CIP projects are generally used to build and develop new water and sewer system capacity, or to improve, repair, and replace current infrastructure.

Significant projects included in the 2005-2010 CIP plan include rehabilitation of wells 1, 2, 3 and 5, water system security improvements, Tolt #2 Meter at 172nd Avenue, improvements to the Southeast Redmond Transmission Main, phase 2 of the South Overlake Trunk Improvements and also, phase 2 of the sewer rehabilitation program.

Urban Planned Development (UPD) Capital Investment Program

The UPD CIP was created in 2000 to account for construction activities related specifically to the Redmond Ridge Urban Planned Development. This fund is supported through depreciation transfers from the UPD Operations and Maintenance Fund and utility connection fees. Per City Council policy, construction and operation activities in support of the UPD will be accounted for separate and apart from the City's Water/Wastewater construction and operations activities. The only project included in the 2005-2010 CIP is the Water System Security Improvements project slated for the Novelty Hill service area.

Stormwater Management Capital Investment Program

The Stormwater CIP is funded through depreciation transfers from the Stormwater utility, a Capital Facilities Charge (from new developments), and the beginning fund balances from prior budget periods. Stormwater CIP funding levels are determined through rate studies. The last rate study for the Stormwater Utility was completed in December 1999. This rate study established a base residential rate of \$8.50 per month and a CIP surcharge of \$3.00 per month, for a total rate of \$11.50. The intent of the rate was to sustain the utility and its CIP program for a five-year period ending December 2004. Additionally, the surcharge was scheduled to sunset at the end of this five-year period.

In 2004, a new rate study was undertaken to evaluate the financial and capital needs of the utility. Based on the results of this rate study, the City Council allowed the \$3.00 per month CIP surcharge to sunset as scheduled and established a new base residential rate of \$11.50 per month for the 2005-2006 biennium. Besides providing for inflation since the rate was last changed in 1999, the revised rate also sustains current service levels, provides revenues for an illicit discharge study and provides for the initiation of a capital investment program enabling the Utility to be partially compliant with environmental regulations. The capital portion of the new rate is anticipated to generate \$3.3M and, along with the depreciation transfer of \$1.1M, will provide an additional \$4.4M over the biennium for capital programs. Total biennial spending for capital programs is anticipated at \$11.4M excluding ending fund balance of \$700,000.

Stormwater construction projects are directed at managing the City's Stormwater runoff, assuring the overall water quality of Redmond's streams and groundwater, and protecting and enhancing water-related natural habitat. Significant projects included in the 2005-2006 CIP for Stormwater include the Rose Hill area detention pond, Hartman Park detention and water quality facility, Peters Creek culvert replacement at NE 87th Street, Idylwood Stream upper reach, and the NE 116th Street culvert replacement at 166th Avenue NE.

COUNCIL CIP CONTINGENCY
2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Prior Years	2005	2006	2007	2008	2009	2010	2005-2010
REVENUE								
Beginning Fund Balance		\$2,972,852	\$549,489	\$489,320	\$420,594	\$354,705	\$291,707	\$2,972,852
Transfer from Transportation CIP for future transportation project	2,500,000							0
General Fund Transfer	763,003	120,744	122,832	126,274	129,111	132,002	134,948	765,911
Real Estate Excise Tax	1,210,453	315,135 [1]	137,000	135,000	135,000	135,000	135,000	992,135
Transfer for Affordable Housing	39,243							0
Interest Earnings	97,653	30,000	30,000	20,000	20,000	20,000	20,000	140,000
TOTAL REVENUES	4,610,352	3,438,732	839,320	770,594	704,705	641,707	581,656	4,870,899
EXPENDITURES								
Council Approved Projects								
Future Transportation Project(s)		2,500,000 [2]						2,500,000
Transfer to General Gov't CIP for City Hall	1,500,000 [3]							0
Sound Transit Grant	37,500							0
Affordable Housing (DASH)	100,000							0
Affordable Housing Contribution		39,243						39,243
New Project								
Conceptual City Hall Allocation [4]		350,000	350,000	350,000	350,000	350,000	581,656	2,331,656
TOTAL EXPENDITURES	1,637,500	2,889,243	350,000	350,000	350,000	350,000	581,656	4,870,899
Ending Balance	\$2,972,852	\$549,489	\$489,320	\$420,594	\$354,705	\$291,707	\$0	\$0

[1] Includes overcollections from prior years.

[2] Transferred from Transportation CIP for future transportation projects (116th / Bear Creek) per Council direction.

[3] Council Contingency unallocated balance transferred to Gneral Government CIP for City Hall per Council direction.

[4] All unallocated Council CIP Contingency has been dedicated to the City Hall project per the Council discussions on the conceptual funding plan.

PARKS FUNCTIONAL ALLOCATION

2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only) Prior Years	2005	2006	2007	2008	2009	2010	Total 2005-2010
REVENUE								
Beginning Fund Balance		\$6,987,266	\$703,859	\$871,189	\$39,627	\$158,584	\$176,592	\$6,987,266
General Fund Transfer	3,776,908	482,977	491,326	505,096	516,444	528,008	539,793	3,063,645
Real Estate Excise Tax	3,741,812	1,260,541 [1]	548,000	540,000	540,000	540,000	540,000	3,968,541
Real Estate Excise Tax (Fire CIP share)	538,640	249,936	116,996					366,932
Transfer from Police CIP		51,154	19,007					70,161
Transfer from General Government CIF	1,121,803							0
Transfer from Transportaton CIP	634,000							0
Reallocate Revenue from City Campus (Sales Tax on Construction & One-time General Fund Transfer)	2,481,413							0
TOD Impact Fee Reimbursement	411,757							0
Interest Earnings	426,056	160,000	120,000	100,000	100,000	100,000	100,000	680,000
Sales Tax on Construction								0
IAC Grants	1,016,357	575,000						575,000
King County Water Quality Grant	5,593							0
King County Open Space Block Grant	3,500,724							0
TEA 21 Grant		466,000						466,000
Park Bond Principal and Interest	2,987,792							0
Private Contributions	283,326							0
Miscellaneous	2,581							0
Development Loan for Perrigo	1,650,000							0
Loan for Grasslawn Renovation	2,048,472							0
Interfund Transfers								0
Park Impact Fees	3,894,304	400,000	520,000	500,000	500,000	500,000	500,000	2,920,000
TOTAL REVENUES	28,521,538	10,632,873	2,519,188	2,516,285	1,696,072	1,826,592	1,856,385	19,097,545
EXPENDITURES								
COMPLETED PROJECTS								
Grasslawn Park Renovation Phase II	2,136,072							0
Perrigo Park Development (Avondale)	6,183,504							0
East Lake Sammamish Park Acquisition	1,750,412							0
Riverwalk	422,062							0
Bear Evans Creek Project	309,916							0
Coast Guard Housing Park Development	85,000							0
ORSCC (Redmond Elementary School/Parking Lot)	2,702,700							0
Idylwood Park Waterfront Improvement Plan	25,000							0
Pedestrian Bridge on Sammamish River	160,000							0
Bear/Evans Creek Acquisition	2,089,235							0

PARKS FUNCTIONAL ALLOCATION

2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only) Prior Years	2005	2006	2007	2008	2009	2010	Total 2005-2010
PREVIOUSLY APPROVED PROJECTS								0
Anderson Park Plaza Renovation	2,601	197,399						197,399
Perrigo Park Acquisition (Avondale)	1,529,317	934,982						934,982
Perrigo Park Development Loan Repayment	380,078	369,965	364,191	358,318	352,343			1,444,817
City Center/Safeco Property (LID Payment)		60,000						60,000
Hartman Park to Nike Park Trail	2,288				47,712			47,712
Nike Park to Avondale Road Trail					25,000			25,000
Interim Park Use	50,705	49,295						49,295
NW Redmond Neighborhood Park Acq.	825			1,028,774	100,000			1,128,774
SE Redmond Neighborhood Park Acq	758,225	281,665	281,665					563,330
Grasslawn Park Renovation Loan Payments	466,358	459,311	452,143	444,851	437,433			1,793,739
Bear Creek Park Trail Development (Bear Arm)		646,000						646,000
Teen Center Renovation	462,835							0
Land Acquisition Fund (King County Shop Site)	1,377,768	1,122,232						1,122,232
Land Acquisition (Transfer from General Gov't and Transportation CIP)		1,755,803						1,755,803
Idylwood Park Play Structure		175,000						175,000
Juel Park Building Renovation				150,000				150,000
Sammamish Valley Community Park				100,000				100,000
SE Redmond Trail Acquisition/Development					300,000			300,000
Firefighter Plaza	29,662	15,338						15,338
MOC Covered Storage	0	50,000						50,000
ORSCC Gym Floor/Exterior Building Surface	57,750	92,250						92,250
Senior Center Roof	12,376	162,624						162,624
Teen Center Roof	28	59,972						59,972
Willows Creek Park Play structure	16,047	33,953						33,953
SCHEDULE CHANGES								
Watershed Maintenance Facilities (originally scheduled for 2006)				250,000				250,000
Bear/Evans Ck. Trail & Grnway Future Phase (originally scheduled for 2005)						250,000	1,296,093	1,546,093
North Watershed Access Interim Improvements (originally scheduled for 2006)					50,000			50,000
Conrad Olson Farm Renovation (originally scheduled for 2005)	30,285			94,715				94,715
Johnson Park Interim Development (originally scheduled for 2003)					50,000			50,000
Cascade Park Phase II (originally scheduled for 2006)					175,000			175,000
BNSF Development (originally scheduled for 2006)				50,000				50,000

PARKS FUNCTIONAL ALLOCATION

2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only) Prior Years	2005	2006	2007	2008	2009	2010	Total 2005-2010
FUNDING INCREASES								
School Partnerships/Lighting Tennis Courts at RHS (original budget \$50,000)		75,000						75,000
City Center BNSF Trail (original budget \$291,093)	121,036	70,000				1,000,000		1,070,000
Bear/Evans Creek Trail & Greenway Development (Evans Arm) (original budget \$2,071,763)	372,187	2,213,225						2,213,225
NEW PROJECTS								
Grass Lawn Phase III Renovation		550,000						550,000
ORSCC Interior and Exterior Renovation		200,000						200,000
Bear Creek Trail at Avondale		200,000						200,000
Hartman Park Renovation (soccer field lighting)			275,000					275,000
Idlywood Picnic Shelters/Sand Volleyball			175,000					175,000
Parks Renovation Fund		100,000						100,000
Trail Renovation Fund		25,000						25,000
Dudley Carter Site		30,000						30,000
Senior Center Outdoor Facility Upgrade			100,000					100,000
Cover Tennis Courts at Existing Facilities						400,000		400,000
Arthur Johnson Park Development							500,000	500,000
TOTAL REVISED EXPENDITURES	21,534,272	9,929,014	1,647,999	2,476,658	1,537,488	1,650,000	1,796,093	19,037,253
Ending Fund Balance	\$6,987,266	\$703,859	\$871,189	\$39,627	\$158,584	\$176,592	\$60,292	\$60,292

[1] Includes overcollections from prior years.

NEW PARKS CIP PROJECT DESCRIPTION

Project Name: Grass Lawn Phase III Renovation
Project Cost: \$550,000
Project Location: Grass Lawn Park
Project Description: Expand the 148th Ave. parking lot, consolidate and improve maintenance facilities, add picnic/meeting facilities.
Project Schedule: 2005
Project Justification: Continuing the efforts begun with phases I and II, this project addresses the issues outlined in the June 2001 Grass Lawn Renovation Study as well as in the 2004 Grass Lawn Neighborhood Plan.
Description of M&O Cost: There should be no significant change in M&O costs. Existing structures are already maintained.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$550,000						\$550,000
<u>Total Project Revenues:</u>							
General CIP	\$550,000						\$550,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW PARKS CIP PROJECT DESCRIPTION

Project Name: Old Redmond Schoolhouse Community Center (ORSCC) Interior and Exterior Renovation

Project Cost: \$200,000

Project Location: 166th Ave. NE and NE 80th

Project Description: Interior and exterior renovation.

Project Schedule: 2005

Project Justification: Interior renovation includes improvements to unused space to provide additional programming site for pottery, art and general recreation programs, and improvements to the old library to better suit rental use. Exterior improvements include repair and painting of the building exterior and renovation of the play equipment.

Description of M&O Cost: Neutral. Interior M & O will increase slightly, but exterior M & O will decline.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$200,000						\$200,000
<u>Total Project Revenues:</u>							
General CIP	\$200,000						\$200,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW PARKS CIP PROJECT DESCRIPTION

Project Name: Bear Creek Trail at Avondale

Project Cost: \$200,000

Project Location: Trail extension between Avondale Road and Union Hill Road near Championship Motors.

Project Description: Provide seed money for grant opportunities for the acquisition and development of the right-of-way trail section needed to complete a section of the Bear Evans Creek Trail to Avondale Road.

Project Schedule: 2005

Project Justification: Continued implementation of the Bear and Evans Creek Trail and Greenway system.

Description of M&O Cost: Maintenance costs are projected to be \$1,000 annually beginning in 2007.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$200,000						\$200,000
<u>Total Project Revenues:</u>							
General CIP	\$200,000						\$200,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0		1,000	1,000	1,000	1,000	4,000
Total Ongoing M&O	\$0	\$0	\$1,000	\$1,000	\$1,000	\$1,000	\$4,000

NEW PARKS CIP PROJECT DESCRIPTION

Project Name:	Hartman Park Renovation (Soccer Field Lighting)
Project Cost:	\$275,000
Project Location:	Hartman Community Park
Project Description:	Light fields number 5 and 6 to accommodate expanded use for multi-sports application, e.g. Little League baseball, soccer, cricket, lacrosse, field hockey, women's softball, and Peppermint Patty softball.
Project Schedule:	Design and build in 2006
Project Justification:	Hartman Community Park is an underutilized park of 40 acres. Once baseball season is over, activity at the park is minimal. The soccer field has all the necessary support facilities for lighting the field, i.e. two parking lots yielding 62 spaces, and the lower Hartman restroom with the electrical power capacity to light the soccer field. The impacts on the neighborhood would be very minimal due to no homes bordering the park on the soccer field side. In addition, the soccer field is set into the hillside and surrounded by mature trees on three sides.
Description of M&O Cost:	With new lighting, field use will increase. This will require more maintenance on the field for additional nighttime use. Maintenance is estimated at \$20,000 each year beginning in 2007 to mitigate increased use of the field.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost		\$275,000					\$275,000
<u>Total Project Revenues:</u>							
General CIP		\$275,000					\$275,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0		20,000	20,000	20,000	20,000	80,000
Total Ongoing M&O	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$80,000

NEW PARKS CIP PROJECT DESCRIPTION

Project Name:	Idylwood Beach Park Picnic Shelters and Sand Volleyball Court
Project Cost:	\$175,000
Project Location:	Idylwood Beach Park
Project Description:	Based on the Idylwood Opportunity Study, June 2004, there is a desire by the community for picnic shelters and beach activities at Idylwood Beach Park. There are currently no formal picnic areas in this heavily used park during the spring and summer season. The study suggested two sites for the shelters, as well as a sand volleyball court near the beach.
Project Schedule:	2006
Project Justification:	After extensive community input regarding the status of Idylwood Beach Park, the picnic shelters and sand volleyball court were the next items to be considered for the park. A new play area is being built in the fall of 2004.
Description of M&O Cost:	There will be an increased cost for maintenance on the two new structures, including upkeep of the sand in the volleyball court, estimated at \$10,000 each year beginning in 2007.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost		\$175,000					\$175,000
<u>Total Project Revenues:</u>							
General CIP		\$175,000					\$175,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0		10,000	10,000	10,000	10,000	40,000
Total Ongoing M&O	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000

NEW PARKS CIP PROJECT DESCRIPTION

Project Name: Park Renovation

Project Cost: \$100,000

Project Location: Juel Park, Conrad Olson, Meadow Park, Old Firehouse Teen Center

Project Description: Building stabilization (heating, foundations, painting); paving overlay/patching/seal coating of Meadow Park sport court and other sites system-wide.

Project Schedule: 2005

Project Justification: Juel Park and Conrad Olson Property have deteriorating structures that need rehabilitation to keep them stabilized until such time as remodeling can be done. Several hard surface areas in the Parks system are also deteriorating (cracking and crumbling) and in need of repair.

Description of M&O Cost: Maintenance and operations on the renovated structures is estimated at approximately \$500-650 per year beginning in 2006.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$100,000						\$100,000
<u>Total Project Revenues:</u>							
General CIP	\$100,000						\$100,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0	530	560	590	620	650	2,950
Total Ongoing M&O	\$0	\$530	\$560	\$590	\$620	\$650	\$2,950

NEW PARKS CIP PROJECT DESCRIPTION

Project Name: Trails Renovation Fund
Project Cost: \$25,000
Project Location: Various
Project Description: There are many small trail connections that need renovation and repair to make them useable. They are usually soft-surface in local neighborhoods.
Project Schedule: 2005
Project Justification: Make neighborhood connections.
Description of M&O Cost: M&O may increase by approximately \$500 per year to keep trail open for use.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$25,000						\$25,000
<u>Total Project Revenues:</u>							
General CIP	\$25,000						\$25,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0	500	500	500	500	500	2,500
Total Ongoing M&O	\$0	\$500	\$500	\$500	\$500	\$500	\$2,500

NEW PARKS CIP PROJECT DESCRIPTION

Project Name: Dudley Carter Site

Project Cost: \$30,000

Project Location: Adjacent to Sammamish River Trail by Leary Bridge

Project Description: Clean and secure property, upgrade landscaping in preparation for site plan study for future use, e.g. trailhead and parking.

Project Schedule: 2005

Project Justification: After acquiring the site from King County, existing artwork and landscaping must be addressed and secured. After initial preparation of the site, future site plan ideas will be sought through public meetings.

Description of M&O Cost: M&O estimated at \$5,000 per year for landscaping and site upkeep.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$30,000						\$30,000
<u>Total Project Revenues:</u>							
General CIP	\$30,000						\$30,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0	5,000	5,000	5,000	5,000	5,000	25,000
Total Ongoing M&O	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000

NEW PARKS CIP PROJECT DESCRIPTION

Project Name: Senior Center Outdoor Games Area Renovation

Project Cost: \$100,000

Project Location: West of Senior Center

Project Description: Renovate existing games area to provide new and improved outdoor recreation opportunities for senior center participants and the community. Improvements will include a synthetic turf putting green.

Project Schedule: 2006

Project Justification: The game area provides scarce downtown public recreation amenities. The current games area is under-utilized by seniors, during programming periods, and by downtown community members. The Bocce area is in disrepair due to root damage. The improvements will increase use of the games area seven days a week and will integrate the area with the new municipal campus.

Description of M&O Cost: There will be no increase of ongoing maintenance and operations costs.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost		\$100,000					\$100,000
<u>Total Project Revenues:</u>							
General CIP		\$100,000					\$100,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW PARKS CIP PROJECT DESCRIPTION

Project Name: Cover Tennis Courts at Existing Facilities

Project Cost: \$400,000

Project Location: Various sites depending on suitability

Project Description: Locate tennis court facilities within the Park system that could be covered, and construct or purchase appropriate covers.

Project Schedule: 2009

Project Justification: Due to our weather and the popularity of tennis, covering some of our existing facilities would increase use without having to build new courts.

Description of M&O Cost: Maintenance costs should decrease because of protection from the elements if courts are covered. Long-term maintenance may be needed for the covers depending on the type and material chosen.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$400,000		\$400,000
<u>Total Project Revenues:</u>							
General CIP					\$400,000		\$400,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW PARKS CIP PROJECT DESCRIPTION

Project Name: Arthur Johnson Park Development
Project Cost: \$500,000
Project Location: Union Hill Road and 196th.
Project Description: Design and begin development of the Arthur Johnson Resource Park.
Project Schedule: 2010
Project Justification: Arthur Johnson Park is in a central location to connect the SE Redmond Neighborhood to the Bear and Evan Creek Trail system up to and beyond Perrigo Community Park. The project will provide a trail head and parking for trail and park users.
Description of M&O Cost: M & O costs will not begin until after 2011 and will be dependent on design and scope of the project.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost						\$500,000	\$500,000
<u>Total Project Revenues:</u>							
General CIP						\$500,000	\$500,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

TRANSPORTATION FUNCTIONAL ALLOCATION

PUBLIC WORKS DEPARTMENT

2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Prior Years	2005	2006	2007	2008	2009	2010	2005-2010
REVENUE								
Beginning Fund Balance		\$12,198,914	\$530,515	\$3,765	\$11,245	\$75,304	\$521,700	\$12,198,914
Local Revenues:								
General Fund Transfer	3,924,216	1,086,698	1,105,484	1,136,467	1,162,000	1,188,019	1,214,535	6,893,202
Real Estate Excise Tax	9,742,376	2,836,219 [1]	1,233,000	1,215,000	1,215,000	1,215,000	1,215,000	8,929,219
Transfer from Fire CIP	0			950,000	50,000			1,000,000
Council Contingency for Bear Creek Pkwy/116th Ave NE	2,500,000							0
Reallocate Sales Tax on Construction from City Campus	2,900,008	550,000	550,000					1,100,000
Reallocate GF Transfer from City Campus	5,000,000							0
Additional General Fund Transfer	448,151							0
Interest Earnings	4,695,420	350,000	350,000	350,000	350,000	350,000	350,000	2,100,000
BROTS Rev from COB for Developer projects	0	209,000						209,000
Rental Income	55,102							0
Sale of Sammamish River Business Park			2,000,000					2,000,000
Business License Surcharge	12,478,500							0
Other Jurisdictions	576,640	233,000					86,800	319,800
Other	292,999	88,000						88,000
Developer Contributions	11,431,915							0
Transportation Impact Fees	5,297,257	600,000	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	7,600,000
Miscellaneous	74,339	20,000	20,000	20,000	20,000	20,000	200,000	300,000
State Revenues:	0							
General Fund - Pavement Management	1,200,000	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Motor Vehicle Excise Tax (Gas Tax)	2,673,954	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Vehicle Registration Fee	1,583,984							0
State Grants	4,533,048	1,151,000						1,151,000
Federal Revenues:								
Federal Aid	1,291,200	581,467						581,467
TOTAL REVENUES	70,699,109	20,504,298	7,389,000	5,775,232	4,908,245	4,948,323	5,688,034	48,070,602

TRANSPORTATION FUNCTIONAL ALLOCATION

PUBLIC WORKS DEPARTMENT

2005-2010 CAPITAL INVESTMENT PROGRAM

EXPENDITURES	(Memo Only)	2005	2006	2007	2008	2009	2010	Total
	Prior Years							2005-2010
COMPLETED PROJECTS								
140th Avenue NE Improvements	4,114,599							0
148th Pedestrian Traffic Signals	60,000							0
166th Avenue NE Improvements	1,815,550							0
Downtown Improvements - Phase II	256,751							0
Redmond Way & 132nd Avenue NE	512,160							0
Safety Improvements 40th @ 148th	1,597,650							0
Sammamish River Pedestrian Bridge	990,000							0
SR 202/SR 908 Resurfacing	237,000							0
Transfer to Parks CIP for land acquisition	634,000							0
WLSP (51st St. to Marymoor-South).	10,847,992							0
WLSP Rehabilitation	2,400,000							0
LEAP - Localized Effic. Action Program	676,000							0
DELETED PROJECT								
BNSF Acquisition (\$1,000,000) (potential candidate for bond issue)								
DEBT								
148th St. Rehabilitation Trust Fund Loan	489,210	165,826	161,909	157,992	154,076	150,158	146,240	936,201
76th/185th Improvements Trust Fund Loan	473,451	40,560	40,181	39,802	39,423	39,043	38,664	237,672
Avondale Trust Fund Loan	699,493	41,155	40,393	39,631	38,868			160,046
Union Hill Trust Fund Loan	482,003	41,803	41,412	41,021	40,631	40,240	39,849	244,956
West Lake Sammamish Trust Fund Loan	760,229	57,430	56,889	56,347	55,805	55,264	54,722	336,457
Willows Road Debt Service	546,631	95,608	93,451	91,295	89,138	76,918	76,199	522,609
PROGRAMS								
Bicycle Facilities Improvement Program	91,947	50,000	50,000	200,000	100,000			400,000
Bridge Repair Program	180,000	50,000	50,000	50,000	50,000			200,000
Channelization Improvements Program	280,000	50,000	50,000	50,000	50,000			200,000
CIP Program Management	511,318	80,000	80,000	80,000	80,000			320,000
Demand Management Program	410,000	50,000	50,000	155,000	85,000			340,000
Engineering Contingency Program	395,000	50,000	50,000	100,000	100,000			300,000
Neighborhood Traffic Calming Program	1,046,326	143,376	100,000	100,000	100,000			443,376
Pavement Management Program	3,860,566	1,000,000	1,000,000	1,000,000	1,000,000			4,000,000
Sidewalk Improvement Program	2,543,058	400,000	600,000	600,000	600,000			2,200,000
Street Lighting Program	202,000	10,000	10,000	50,000	50,000			120,000
Transportation Concurrency Management	100,000	100,000	100,000	100,000	100,000			400,000
Transportation Master Plan	1,724,000							0
Undergrounding Program	80,000			50,000	50,000			100,000

TRANSPORTATION FUNCTIONAL ALLOCATION

PUBLIC WORKS DEPARTMENT

2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Prior Years	2005	2006	2007	2008	2009	2010	2005-2010
COUNCIL APPROVED PROJECTS								
BROTS	5,219,855	1,650,275	261,000	450,000	400,000	400,000		3,161,275
Redmond Way @Willows (BROTS)	10,000						1,100,000	1,100,000
Bear Creek Parkway Extension	500,000	1,500,000						1,500,000
156th Ave NE Sidewalk Improvements (funded from the Sidewalk Program)	200,000	200,000						200,000
185th Avenue NE Extension	950,000	1,000,000						1,000,000
Bear Creek Bridge Rehabilitation		100,000						100,000
East Lake Sammamish Parkway Rehabilitation				300,000	1,200,000			1,500,000
ELSP/ 65th St Intersection Improvements (Pavement Management Program)	10,000			200,000				200,000
Flashing Beacons	50,377	249,623						249,623
Leary Way Bike/520	100,000	370,000						370,000
NE 116th Street Corridor [2]	600,000	1,780,050	1,300,000	1,200,000				4,280,050
NE 116th St. Bridge Repl. (York Bridge)	1,200,000	2,830,000	200,000	25,000				3,055,000
NE 83rd St Imp (160-161 Ave NE) combined with Downtown Improvement Phase II	444,424	1,150,000						1,150,000
Novelty Hill Road Widening (K.C. Project)	53,468	96,532						96,532
Redmond Way Access Control	1,125,000	1,000,000						1,000,000
Redmond Way/76th St Intersection Modifications	0	300,000						300,000
Redmond Way (SR 202) - Additional Lanes	2,653,000	800,000	800,000	177,899				1,777,899
RITS - Phase I	1,205,769	744,231						744,231
RITS - Phase II	358,862	641,138	100,000					741,138
SR 520 (WLSP-SR202)	100,000	237,000						237,000
Union Hill Road Phase I [2]	3,925,824	2,274,176						2,274,176
Union Hill Rd/Avondale Rd to 178th Ave NE Imp-Design							400,000	400,000
Willows Rd. 116th/124th (Design & ROW) [3]	500,000	325,000						325,000
FUNDING INCREASES								
Bicycle Facilities Improvement Program						100,000	100,000	200,000
Bridge Repair Program						50,000	50,000	100,000
Channelization Improvements Program						50,000	50,000	100,000
CIP Program Management						80,000	80,000	160,000
Demand Management Program						85,000	85,000	170,000
Engineering Contingency Program						100,000	100,000	200,000
Neighborhood Traffic Calming Program				50,000	50,000	150,000	150,000	400,000
Old Redmond Road Widening [4]	276,682	150,000						150,000
Pavement Management Program						1,000,000	1,000,000	2,000,000
Sidewalk Improvement Program				400,000	400,000	1,000,000	1,000,000	2,800,000
Street Lighting Program						50,000	50,000	100,000
Transportation Concurrency Management						100,000	100,000	200,000

TRANSPORTATION FUNCTIONAL ALLOCATION

PUBLIC WORKS DEPARTMENT

2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Prior Years	2005	2006	2007	2008	2009	2010	2005-2010
Transportation Master Plan		150,000	150,000					300,000
Undergrounding Program						50,000	50,000	100,000
BROTS							500,000	500,000
NEW PROJECTS								
ELSP/187th Ave NE Intersection Improvements						500,000		500,000
MOC Building Acquisition			2,000,000					2,000,000
NE 85th Street Lane Conversion						350,000		350,000
WLSP (NE 51st St to Bel-Red Rd) Imp. - Design (2 BROTS projects included)							500,000	500,000
TOTAL EXPENDITURES	58,500,195	19,973,783	7,385,234	5,763,987	4,832,941	4,426,623	5,670,674	48,053,242
Ending Fund Balance	\$12,198,914	\$530,515	\$3,765	\$11,245	\$75,304	\$521,700	\$17,360	\$17,360

NOTE: Council has previously discussed a potential bond issue for transportation projects such as acquisition of the Burlington Northern / Santa Fe (BNSF) right-of-way and/or 116th improvements.

This CIP does not reflect revenues and expenditures related to a transportation bond issue.

[1] Includes overcollections from prior years.

[2] Additional funding implications in other CIP functional allocation budgets.

[3] Project completed under budget, balance is unspent BTTI\$ for future consideration.

[4] Per Council direction added Old Redmond Road Widening project with direction to return to Council with options for full funding.

CONTINUATION OF PROGRAMS – TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Bicycle Facilities Improvement Program (ongoing)
Project Cost:	\$200,000 (total project cost \$600,000)
Project Location:	Various locations throughout the City
Project Description:	The Bicycle Facilities Improvement Program provides ongoing funding to enhance bicycle facilities. This program is composed of three elements: small bicycle facility enhancements, large bicycle facility construction projects, and funds to supplement bicycle enhancements associated with larger construction projects.
Project Schedule:	No specific schedule identified
Project Justification:	This program is designed to give bicyclists alternative transportation routes and motorists alternative transit options.
Description of M&O Cost:	Currently there are no plans to construct bicycle facilities that would require ongoing General Fund maintenance dollars.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$100,000	\$100,000	\$200,000
<u>Total Project Revenues:</u>							
General CIP					\$100,000	\$100,000	\$200,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

**CONTINUATION OF PROGRAMS –
TRANSPORTATION CIP PROJECT DESCRIPTION**

Project Name: Bridge Repair Program (ongoing)

Project Cost: \$100,000 (Total project cost \$300,000)

Project Location: Bridges throughout the City

Project Description: The Bridge Repair Program consists of engineering studies designed to analyze the City’s bridge repair needs and/or to undertake bridge repairs as required. Each project funded from this account will meet the CIP cost criteria of at least \$25,000 and will extend the useful life of the asset when applicable.

Project Schedule: No specific schedule identified

Project Justification: This is a proactive approach to establish funding to repair our aging bridge infrastructure.

Description of M&O Cost: This is a rehabilitation and maintenance project and will not have an impact on the General Fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$50,000	\$50,000	\$100,000
<u>Total Project Revenues:</u>							
General CIP					\$50,000	\$50,000	\$100,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

CONTINUATION OF PROGRAMS – TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Channelization Program (ongoing)
Project Cost:	\$100,000 (total project cost \$300,000)
Project Location:	Various channelization projects throughout the City
Project Description:	The Channelization Program is an ongoing program that uses contracted labor to upgrade and replace deteriorated crosswalks, stop bars, and arrows throughout the City. Each project funded from this account will meet the CIP cost criteria of at least \$25,000 and will extend the useful life of the asset when applicable.
Project Schedule:	No specific schedule identified
Project Justification:	This program addresses safety issues related to street markings.
Description of M&O Cost:	This is a maintenance and rehabilitation project and will not have an impact on the General Fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$50,000	\$50,000	\$100,000
<u>Total Project Revenues:</u>							
General CIP					\$50,000	\$50,000	\$100,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

CONTINUATION OF PROGRAMS – TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Capital Investment Program (CIP) Management (ongoing)
Project Cost:	\$160,000 (total project cost \$480,000)
Project Location:	N/A
Project Description:	The CIP Management program funds one full-time equivalent position for capital-related labor efforts that are not project-specific. Project funding also covers certain minimal capital-related costs not associated with one particular project but rather benefiting the overall capital program.
Project Schedule:	Annual ongoing funding
Project Justification:	This project allows the CIP to carry the burden of costs incurred for the administrative management of impact fee-related responsibilities as specified in the Comprehensive Plan.
Description of M&O Cost:	The CIP Management program has no impact on the General Fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$80,000	\$80,000	\$160,000
<u>Total Project Revenues:</u>							
General CIP					\$80,000	\$80,000	\$160,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

**CONTINUATION OF PROGRAMS –
TRANSPORTATION CIP PROJECT DESCRIPTION**

Project Name:	Transportation Demand Management (ongoing)
Project Cost:	\$170,000 (total project cost \$510,000)
Project Location:	Various locations throughout the City
Project Description:	<p>Demand Management consists of capital improvements to discourage single occupancy vehicle use. Project examples would include bus zones and shelters, non-motorized improvements, and high occupancy vehicle facilities. Technical oversight and support to capital facilities development would be provided by the CIP and project development as directed by the Transportation Facility Plan (TFP).</p> <p>Due to impact fee revenues being realized at a much lower rate than projected in the last budget process, this program was reduced by \$35,000 a year in the years 2005 and 2006 (from \$85,000 to \$50,000). Anticipating an improved economic climate, the funding was restored to \$85,000 beginning in 2007 with the \$70,000 reduction also restored.</p> <p>Projects that are underway in this program are:</p> <ul style="list-style-type: none">• A gateway transit shelter on Redmond Way and 156th.• A matching grant to Metro to assist in the purchase of bike lockers for Redmond Park and Ride lots and expanding the number of transit bike racks.• Launching Redmond's way-finding system in the downtown area.• Evaluating additional transit support projects for Willows Road. <p>In addition, program funds were used to share costs with Sound Transit on the 40th Street Transit Center.</p>
Project Schedule:	No specific schedule identified
Project Justification:	The Demand Management program provides the resources necessary to complete the projects provided for in the CIP and TFP. The City's ability to successfully develop and administer new facilities is impacted by a lack of resources to oversee and direct these functions. The Council has previously indicated a need to provide for transportation demand management accountability and this project responds to that request.
Description of M&O Cost:	Minimal

Transportation Demand Management (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$85,000	\$85,000	\$170,000
<u>Total Project Revenues:</u>							
General CIP					\$85,000	\$85,000	\$170,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

CONTINUATION OF PROGRAMS – TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Engineering Contingency Program (ongoing)
Project Cost:	\$200,000 (total project cost \$500,000)
Project Location:	Various locations
Project Description:	The Engineering Contingency Program was combined with the Intersection Improvement Program to establish funding for unplanned minor projects, emergency projects or added scope changes to larger CIP projects. Each project funded from this account will meet CIP criteria of at least \$25,000 and extend the useful life of the asset where applicable. Earmarking a portion of the CIP for unforeseen capital demands provides the Public Works Department the flexibility to respond to unexpected occurrences without impacting the funding of existing projects in the CIP.
Project Schedule:	No specific schedule identified
Project Justification:	This set-aside funding allows completion of emergency or minimal change orders on large capital projects.
Description of M&O Cost:	Minimal

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$100,000	\$100,000	\$200,000
<u>Total Project Revenues:</u>							
General CIP					\$100,000	\$100,000	\$200,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

**CONTINUATION OF PROGRAMS –
TRANSPORTATION CIP PROJECT DESCRIPTION**

Project Name: Neighborhood Traffic Calming Program (ongoing)

Project Cost: \$400,000 (Total project cost \$843,376)

Project Location: Located in residential areas throughout the City

Project Description: The Neighborhood Traffic Calming Program will be increased by \$50,000 a year as of 2007. Various traffic calming projects within the residential areas of the City are constructed with these funds.

Project Schedule: No specific schedule identified

Project Justification: This program allows the City to study and implement improvements to calm traffic in various residential areas within the City. The program supports high-priority safety projects that are well received by Redmond residents. The increase is being requested due to a backlog of necessary traffic calming solutions in City neighborhoods.

Description of M&O Cost: The types of projects supported by this program have very minimal impact upon the General Fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost			\$50,000	\$50,000	\$150,000	\$150,000	\$400,000
<u>Total Project Revenues:</u>							
General CIP			\$50,000	\$50,000	\$150,000	\$150,000	\$400,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

CONTINUATION OF PROJECT - NEW TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Old Redmond Road Widening
Project Cost:	\$150,000 (Total project cost on the TIP \$2 million)
Project Location:	Old Redmond Road from 132 nd Ave. NE to 136 th Ave. NE
Project Description:	This roadway widening project involves conversion of two lanes to three lanes. It also includes installation of curb, gutter, sidewalk, and underground utilities, as well as the installation of street lights to match areas at both ends (Construction of a missing section).
Project Schedule:	Continued design work in 2005.
Project Justification:	This project is essential for making much needed improvements to this major roadway, adding capacity as well as enhancing safety with the installation of curbs, sidewalks, streetlights, and underground utilities.
Description of M&O Cost:	Maintenance costs will be determined once specific funding for the project is identified.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$150,000						\$150,000
<u>Total Project Revenues:</u>							
General CIP	\$150,000						\$150,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

**CONTINUATION OF PROGRAMS –
TRANSPORTATION CIP PROJECT DESCRIPTION**

Project Name: Pavement Management Program (ongoing)

Project Cost: \$2,000,000 (total project cost \$6,000,000)

Project Location: Various streets requiring resurfacing throughout the City

Project Description: Pavement Management focuses on street preservation (resurfacing of the City’s streets).

Project Schedule: No specific schedule identified

Project Justification: It is essential that the City’s existing infrastructure be repaired and resurfaced to prolong the life and usability of the street and roadway system.

Description of M&O Cost: This is a major maintenance and rehabilitation oriented project and will have no impact on the General Fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$1,000,000	\$1,000,000	\$2,000,000
<u>Total Project Revenues:</u>							
General CIP					\$1,000,000	\$1,000,000	\$2,000,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0	\$0	\$0	\$0	\$0	\$0	\$0

CONTINUATION OF PROGRAMS – TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Sidewalk Improvement Program (ongoing)
Project Cost:	\$2,800,000 (Total project cost \$5,200,000)
Project Location:	Various locations citywide
Project Description:	The Sidewalk Improvement Program funds the construction of various missing sidewalk linkages throughout the City and/or performs sidewalk repair and replacement. Additional funding is being requested to address the damage caused by maturing trees planted in close proximity to many of the sidewalks, particularly in the downtown area. Historically, there has not been adequate funding in this program to address rehabilitation demands.
Project Schedule:	No specific schedule identified
Project Justification:	The Sidewalk Improvement Program allows the City to continue constructing new sidewalks that link to existing sidewalks. Funding will also support continued repair and replacement of aging and damaged infrastructure. In addition, this program encourages alternative transportation modes by including sidewalks along streets and roadways. New sidewalks will offer safety to pedestrians by adding walkways where none now exist or by replacing damaged walkways that are currently impassable.
Description of M&O Cost:	Minimal. Most sidewalk linkages have been completed, therefore, most of this funding will be used to replace or repair existing infrastructure.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost			\$400,000	\$400,000	\$1,000,000	\$1,000,000	\$2,800,000
<u>Total Project Revenues:</u>							
General CIP			\$400,000	\$400,000	\$1,000,000	\$1,000,000	\$2,800,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0	\$0	\$0	\$0	\$0	\$0	\$0

CONTINUATION OF PROGRAMS – TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Street Lighting Program (ongoing)
Project Cost:	\$100,000 (total project cost \$220,000)
Project Location:	Various locations throughout the City
Project Description:	<p>The Street Lighting Program allows the City to develop streetlight policies, respond to requests for lighting, complete lighting on streets partially lit by new development, provide lighting when undergrounding overhead utilities, identify and deploy street lighting on roadways for new development, and improve existing conditions.</p> <p>Due to a decline in revenues, this program has been reduced by \$40,000 a year in the years 2005 and 2006. Anticipating an improved economic climate, funding has been restored to \$50,000 in year 2007.</p>
Project Justification	The Street Lighting Program is a proactive safety program to identify locations with inadequate or poor lighting and install improved streetlights.
Project Schedule:	No specific schedule identified
Description of M&O Cost:	Maintenance based on installation of approximately 10 streetlights per year at \$860 per streetlight for electricity and other operational expenses.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$50,000	\$50,000	\$100,000
<u>Total Project Revenues:</u>							
General CIP					\$50,000	\$50,000	\$100,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0				\$8,600	\$8,600	17,200
Total Ongoing M&O	\$0	\$0	\$0	\$0	\$8,600	\$8,600	\$17,200

**CONTINUATION OF PROGRAMS –
TRANSPORTATION CIP PROJECT DESCRIPTION**

Project Name: Transportation Concurrency Management (ongoing)

Project Cost: \$200,000

Project Location: N/A

Project Description: Transportation Concurrency Management supports ongoing efforts to monitor the City’s transportation system, identify problem areas, and develop and evaluate potential solutions. Particular items supported by this program include traffic counting, travel time studies, traffic modeling, on-call signal review, project cost estimating for the CIP/TIP, and various small area transportation-related studies.

Project Schedule: No specific schedule identified

Project Justification: The work described above is essential in determining the transportation needs of a diverse and growing city. Without engaging in the preliminary work it would be impossible to create or implement a Transportation Master Plan, the six-year TIP or the Transportation CIP since the results of these services determine prioritization, demand, future safety and capacity issues – all of the factors that direct the reality of the City’s transportation system.

Description of M&O Cost: N/A

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$100,000	\$100,000	\$200,000
<u>Total Project Revenues:</u>							
General CIP					\$100,000	\$100,000	\$200,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

CONTINUATION OF PROGRAMS – TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Transportation Master Plan
Project Cost:	\$300,000 (total project cost \$2,024,000 which includes \$480,000 transferred from the Downtown Improvements Project)
Project Location:	N/A
Project Description:	An increase of \$300,000 is needed to assist in implementing the Transportation Master Plan (TMP). The additional funding would support the development of a new concurrency ordinance, new impact fees, and other possible revenue sources. Project prioritization would also be included in this program.
Project Schedule:	Consultant and staff efforts will continue through years 2005-06.
Project Justification:	This phase is the wrap-up of the TMP work done thus far. The final phase of this project will be to determine how best to implement the plan through year 2022.
Description of M&O Cost:	Maintenance costs will be determined once specific projects are identified.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$150,000	\$150,000					\$300,000
<u>Total Project Revenues:</u>							
General CIP	\$150,000	\$150,000					\$300,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

**CONTINUATION OF PROGRAMS –
TRANSPORTATION CIP PROJECT DESCRIPTION**

Project Name: Undergrounding Program (ongoing)

Project Cost: \$100,000

Project Location: Various locations throughout the City

Project Description: The Undergrounding Program includes:

- Undergrounding overhead utilities such as power, telephone and cable television that threaten street trees.
- Extending the undergrounding required for a private development to complete a logical section.
- Enhancing other City projects.

Project Schedule: No specific schedule identified

Project Justification: In a region with many trees combined with high winds, the result is often fallen trees that damage existing aerial wires. A proactive project allows the City to go in the direction of total undergrounding. Overhead utilities also threaten street trees as the trees mature and compete for the space required by overhead utilities. Additionally, elimination of overhead wires offers a more aesthetically pleasing environment.

Description of M&O Cost: Undergrounding has minimal impact on the General Fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$50,000	\$50,000	\$100,000
<u>Total Project Revenues:</u>							
General CIP					\$50,000	\$50,000	\$100,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

CONTINUATION OF PROGRAMS – TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Bellevue-Redmond Overlake Transportation Study (BROTS)
Project Cost:	\$500,000 (Total project cost \$8,881,130)
Project Location:	Projects identified by Redmond and Bellevue that have a joint impact on traffic flow in the two municipalities at varied locations
Project Description:	BROTS funding provides Redmond’s share of its commitment to Bellevue’s projects and Redmond projects yet to be scheduled for construction.
Project Schedule:	The schedules are either identified on Bellevue’s CIP or are yet to be determined.
Project Justification:	The projects identified in the BROTS study and agreement referenced capacity projects to relieve and accommodate the traffic congestion in the Overlake area.
Description of M&O Cost:	Maintenance will be identified in each individual project constructed by Redmond.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost						\$500,000	\$500,000
<u>Total Project Revenues:</u>							
General CIP						\$500,000	\$500,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	East Lake Sammamish Parkway and 187 th Avenue NE Intersection Improvement
Project Cost:	\$500,000
Project Location:	East Lake Sammamish/187 th
Project Description:	The project will include the installation of a traffic signal and a southbound left turn lane at East Lake Sammamish Parkway and 187 th Avenue NE.
Project Schedule:	Construction in 2009
Project Justification:	187 th Avenue NE is one of the three major routes to the densely populated Plateau area, including the City of Sammamish. Traffic turning from the Parkway, which is a two-lane roadway, causes lengthy backups and presents safety issues.
Description of M&O Cost:	The City spends approximately \$3,200 per year for signal maintenance and operations.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$500,000		\$500,000
<u>Total Project Revenues:</u>							
General CIP					\$500,000		\$500,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0				3,200	3,200	6,400
Total Ongoing M&O	\$0	\$0	\$0	\$0	\$3,200	\$3,200	\$6,400

NEW TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	Maintenance Operations Center (MOC) Building Acquisition
Project Cost:	\$2,000,000 (offset completed by sale of Sammamish River Business Park building) The City Property Manager's initial review of property values indicates the sale of the Sammamish River Business Park will cover the purchase price and applicable closing costs for the Trinity Partnership Property.
Project Location:	The Trinity Partnership property is adjacent to the Maintenance Operation Center (MOC).
Project Description:	This request is to purchase the above-mentioned Trinity Property and its existing structures with the proceeds realized from the sale of the Sammamish River Business Park. The Sammamish River Business Park was purchased with Transportation Capital Improvement Funds for the 90 th Street Bridge and Improvement Project.
Project Schedule:	The sale and purchase would not occur until 2006 after the new City Hall has been completed.
Project Justification:	Once the new City Hall is complete, staff members currently housed in the Sammamish River Business Park will be relocated to the new building. However, due to a lack of other storage options, the Business Park has also been used for storage of the vactor truck, other equipment, and much of the City's surplus, in addition to housing the Natural Resources' lab. In the existing MOC facility, staff and equipment demands exceed the space available. Funds have been set aside for covered parking for the vactor truck as well as other equipment, but this amount, set aside several years ago, is not adequate to cover the cost of the desired storage space. Additionally, the City will require space for relocation of the Natural Resources' lab and for the Redmond Intelligent Transportation System (RITS) equipment. Due to the adjacency of the Trinity Property to the MOC, it is considered a desirable and functional solution to the above-mentioned demands.
Description of M&O Cost:	Maintenance is estimated at \$40,000 annually beginning in 2007 and includes all contractual services to operate an approximate 19,000 square foot building.

Maintenance Operations Center (MOC) Building Acquisition (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost		\$2,000,000					\$2,000,000
<u>Total Project Revenues:</u>							
General CIP		\$2,000,000					\$2,000,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0	\$0	40,000	40,000	40,000	40,000	160,000
Total Ongoing M&O	\$0	\$0	\$40,000	\$40,000	\$40,000	\$40,000	\$160,000

NEW TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	NE 85 th Street Lane Conversion
Project Cost:	\$350,000
Project Location:	NE 85 th Street from 154 th Avenue NE to 164 th Avenue NE
Project Description:	Conversion of a length of NE 85 th Street from a four-lane roadway to a two-lane with a center turn lane (three-lane). Parking and bike lanes will also be added along the roadway as well as special markings for a holding turn-lane into the Post Office.
Project Schedule:	Construction scheduled for 2009
Project Justification:	The NE 85 th Street Lane Conversion addresses the recommended action of reclaiming downtown streets for pedestrians as specified in the Downtown Master Plan. 85 th Street has become a significant section of downtown with interconnecting sidewalk and bicycle systems. This roadway also supports major destinations, e.g. the library, the post office and City Hall. Converting NE 85 th Street to three lanes will address safety issues for pedestrians and bicyclists and will improve traffic flow in a heavily congested area.
Description of M&O Cost:	This project will not have a significant impact on the General Fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$350,000		\$350,000
<u>Total Project Revenues:</u>							
General CIP					\$350,000		\$350,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW TRANSPORTATION CIP PROJECT DESCRIPTION

Project Name:	West Lake Sammamish Parkway Design (BROTS)
Project Cost:	\$500,000
Project Location:	From NE 51 st Street to Bel-Red Road
Project Description:	<p>The West Lake Sammamish Parkway Design project includes intersection widening at both NE 51st Street and Bel-Red Road to increase capacity. The project converts the second southbound lane, which is currently a right-turn lane, on West Lake Sammamish Parkway at NE 51st Street to a shared through-right lane that then tapers to one lane south of the intersection at NE 50th Way. In addition, the project will widen the intersection of West Lake Sammamish Parkway and Bel-Red Road. The exact configuration of this intersection will need to be evaluated during the design phase of the project to meet capacity needs and neighborhood concerns. Options include either dual southbound left-turn lanes or adding two northbound through lanes. The section of West Lake Sammamish Parkway between the two intersections will continue to be one through lane in each direction for most of the project duration. Left turn lanes will be provided where necessary and improvements will be made to bicycle and pedestrian facilities.</p>
Project Schedule:	The design work will begin in 2010 and be finalized in 2011.
Project Justification:	<p>The improvements at West Lake Sammamish NE at NE 51st Street and West Lake Sammamish NE at Bel-Red Road are capacity projects that have been identified in the BROTS agreement. This project will be combining the improvements at those two intersections and continuing the improvements along West Lake Sammamish Parkway Phase III. This project addresses safety, preservation and intersection capacity issues along the heavily traveled corridor.</p>
Description of M&O Cost:	Maintenance costs will be evaluated once the design is finalized.

West Lake Sammamish Parkway Design (BROTS) (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost						\$500,000	\$500,000
<u>Total Project Revenues:</u>							
General CIP						\$500,000	\$500,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

FIRE FUNCTIONAL ALLOCATION

2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only) Prior Years	2005	2006	2007	2008	2009	2010	Total 2005-2010
REVENUE								
Beginning Fund Balance	\$2,234,661	\$2,633,373	\$3,205,888	\$3,376,665	(\$0)	\$245,142	\$548,957	\$2,633,373
General Fund Transfer	684,777	362,234	368,495	378,822	387,333	396,006	404,845	2,297,735
Real Estate Excise Tax	1,135,480	945,406 [1]	411,000	405,000	405,000	405,000	405,000	2,976,406
Interest Earnings	158,783	70,000	70,000	70,000	70,000	70,000	70,000	420,000
Developer Contributions								0
Miscellaneous Revenue	8,000							0
Bond Proceeds/Interest	81,239	1,500						1,500
Fire Impact Fees	741,768	120,000	120,000	130,000	130,000	130,000	130,000	760,000
TOTAL REVENUES	\$5,044,708	\$4,132,513	\$4,175,382	\$4,360,488	\$992,333	\$1,246,148	\$1,558,802	\$9,089,014
COMPLETED PROJECTS								
Aerial Ladder Truck	790,000							0
Diesel Exhaust Extraction Systems	64,000							0
COUNCIL APPROVED PROJECTS								
Equipment Reserve Contribution (ongoing)	400,000	200,000	200,000	200,000	200,000			800,000
Fire Station 12/16 Roof Repair	460,957							0
Fire Station Security	33,279		231,721					231,721
SCHEDULE CHANGES								
Fire Station 17 Construction (project originally scheduled for 2005)	17,102			1,986,250				1,986,250
Fire Apparatus for Fire Station 17 (project originally scheduled for 2005)				659,272				659,272
Fire Station Hose Tower (project originally scheduled for 2003)			200,000					200,000
FUNDING DECREASE								
Records Management System (original budget \$120,000; transferred \$60,000 to Mobile Data Terminal project)		60,000						60,000
Fire Station Renovation Contingency (original budget \$1,988,764; transferred \$271,165 to fund inflationary increases to Fire Station 17 construction and apparatus)				243,801	497,191	497,191	497,191	1,735,374

FIRE FUNCTIONAL ALLOCATION
2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only) Prior Years	2005	2006	2007	2008	2009	2010	Total 2005-2010
FUNDING INCREASE								
Fire Station 17 Construction				203,590				203,590
Fire Station 17 Apparatus				67,575				67,575
Equipment Reserve Contribution (ongoing)						200,000	200,000	400,000
Mobile Data Terminals / AVL's (added \$60,000 from Records Management project)	66,875	186,546						186,546
TRANSFERS TO OTHER FUNCTIONAL AREAS								
Earmarked for Parks CIP [2]	579,122	249,936	116,996					366,932
Earmarked for future transportation projects [3]				950,000	50,000			1,000,000
NEW PROJECTS								
Homeland Security		80,143	50,000	50,000				180,143
Remodel/Upgrade EOC (project being done in conjunction with the Police Department)		150,000						150,000
TOTAL EXPENDITURES	2,411,335	926,625	798,717	4,360,488	747,191	697,191	697,191	8,227,403
Ending Fund Balance	\$2,633,373	\$3,205,888	\$3,376,665	\$0	\$245,142	\$548,957	\$861,611	\$861,611

[1] Includes overcollections from prior years.

[2] Per Council's decision a total of \$946,054 will be transferred to the Parks CIP from Fire.

[3] Per Council's decision to earmark \$1 million in 2007 to be allocated for transportation projects (116th/Bear Creek).

FIRE CIP PROJECT DESCRIPTION (FUNDING INCREASE)

Project Name:	Fire Station 17 Construction and Apparatus
Project Cost:	\$271,165
Project Location:	North Education Hill
Project Description:	Increase the funding for construction of Fire Station 17 by \$203,590 and the apparatus costs by \$67,575.
Project Schedule:	2007
Project Justification:	The original amount set aside for the construction and apparatus of Fire Station 17 is \$2.65 million with construction scheduled in 2005. The construction timeline has since been moved to 2007 due to the lack of funding for ongoing staffing expenditures. Additional funds are needed to accommodate increases in construction and equipment inflation which are projected at 5% and 4% respectively.
Description of M&O Cost:	The maintenance and operations costs for this fire station are projected at \$1.5 million annually which includes the addition of 12 firefighters.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost			\$271,165				\$271,165
<u>Total Project Revenues:</u>							
General CIP			\$271,165				\$271,165
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs			12.00				12.00
Salary/Benefit Costs	\$0	\$0	\$1,460,000	\$1,460,000	\$1,460,000	\$1,460,000	\$5,840,000
Operating Costs	0	0	40,000	40,000	40,000	40,000	160,000
Total Ongoing M&O	\$0	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000

**CONTINUATION OF PROGRAMS –
FIRE CIP PROJECT DESCRIPTION**

Project Name: Fire Equipment Reserve Fund Contribution (ongoing)

Project Cost: \$400,000

Project Location: N/A

Project Description: The Capital Investment Program contributes \$200,000 annually to the Fire Equipment Reserve Fund to replace fire apparatus.

Project Schedule: Depending upon the type of vehicle or apparatus, equipment is depreciated on a seven-year to twenty-year schedule. An analysis of the funding in the reserve determined that it was necessary for the funding level to continue in 2009/2010 to adequately replace assets once they are fully depreciated. An additional \$200,000 each year is required to fully fund the replacement of fire apparatus and equipment.

Project Justification: Because the City maintains a large inventory of fixed assets, it is important to maintain adequate funding to replace assets at scheduled intervals. Increasing the replacement funding for fire vehicles is consistent with the way the City reserves dollars to replace other City vehicles and equipment.

Description of M&O Cost: N/A

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$200,000	\$200,000	\$400,000
<u>Total Project Revenues:</u>							
General CIP					\$200,000	\$200,000	\$400,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW FIRE CIP PROJECT DESCRIPTION

Project Name: Homeland Security Program

Project Cost: \$180,142

Project Location: Redmond Fire Department

Project Description: The aftermath of September 11, 2001 changed the demands on Fire and EMS agencies. Additional project management, equipment, and outside expertise in disaster preparation, response, and recovery are required. Approval of this program will enable us to begin working on projects such as communications interoperability, backup Emergency Operations Center (EOC) enhancements, apparatus and facility safety improvements.

Responders may encounter situations involving release of hazardous materials and technical rescue situations that require specific and sophisticated equipment and expertise.

Project Schedule: 2005/2007

Project Justification: Redmond is a community with many high-profile corporations such as Microsoft, Allied Signal, SAFECO, AT&T, Nintendo, Medtronic Physio Control, Primex (also known as Rocket Research), and Genie Industries. It is necessary that we have the proper security measures in place to respond to and protect the entire community.

Description of M&O Cost: None

(Homeland Security Program, continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$80,142	\$50,000	\$50,000				\$180,142
<u>Total Project Revenues:</u>							
General CIP	\$80,142	\$50,000	\$50,000				\$180,142
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

POLICE FUNCTIONAL ALLOCATION

2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only) Prior Years	2005	2006	2007	2008	2009	2010	Total 2005-2010
REVENUE								
Beginning Fund Balance		\$3,062,022	\$132,761	\$104,416	\$50,964	\$35,186	\$45,191	\$3,062,022
General Fund Transfer	1,456,519	241,488	245,662	252,548	258,222	264,004	269,897	1,531,822
Real Estate Excise Tax	1,519,897	630,271 [1]	274,000	270,000	270,000	270,000	270,000	1,984,271
Interest Earnings	658,905	70,000	70,000	60,000	60,000	60,000	60,000	380,000
TOTAL REVENUES	3,635,321	4,003,782	722,423	686,964	639,186	629,191	645,087	6,958,115
PREVIOUSLY APPROVED PROJECTS								
Repairs to Public Safety Building	55,926	24,074						24,074
Public Safety Building Security	137,898	102			100,000			100,102
Public Safety Building Replacement		402,333	179,000	179,000	179,000			939,333
Evidence Vehicle Area		1,100,000						1,100,000
Police Mobile Data Terminals	267,566	122,433						122,433
Auto Fingerprint ID System (AFIS)	25,062	169,938						169,938
Remodel Finance Space in PSB		125,000						125,000
Cameras in Police Vehicles		100,000						100,000
Garage Security/Evidence Storage	1,996	123,004						123,004
Criminal Justice Info Integration	46,849	548,151	190,000	100,000	70,000			908,151
Evidence Processing Area in Garage		65,000	50,000	25,000	25,000			165,000
Portable Surveillance (Contingency)		57,000						57,000
Video Arraignment				40,000	140,000			180,000
Automatic Vehicle Location		175,000						175,000
Mobile Command Post Enhancements					60,000			60,000
Homeland Security	38,002	302,833	140,000	60,000				502,833
Upgrade to Digital Cameras		200,000						200,000
Wireless Network		35,000						35,000
SCHEDULE CHANGE								
Marine Patrol Contingency (originally scheduled for 2005)				150,000				150,000
TRANSFERS TO OTHER CIPs								
Transfer to Parks CIP [2]		51,153	19,007					70,160

POLICE FUNCTIONAL ALLOCATION

2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only) Prior Years	2005	2006	2007	2008	2009	2010	Total 2005-2010
FUNDING INCREASES								
Homeland Security			40,000	70,000	30,000	100,000	100,000	340,000
Wireless Networking						40,000	43,000	83,000
Criminal Justice Integration Info Sharing						50,000	50,000	100,000
PSB Building Security		45,000				65,000	70,000	180,000
PSB Building Replacement						179,000	179,000	358,000
PSB Major Building Repairs		75,000		12,000		50,000	40,000	177,000
NEW PROJECTS								
Mobile Data Computers						100,000	100,000	200,000
Emergency Operations Center		150,000						150,000
TOTAL EXPENDITURES	573,299	3,871,021	618,007	636,000	604,000	584,000	582,000	6,895,028
Ending Fund Balance	\$3,062,022	\$132,761	\$104,416	\$50,964	\$35,186	\$45,191	\$63,087	\$63,087

[1] Includes carryover from prior years.

[2] A total of \$70,160 will be transferred to the Parks CIP, approved in 2003-2004.

**CONTINUATION OF PROGRAMS –
POLICE CIP PROJECT DESCRIPTION**

Project Name: Homeland Security (funding increase)
Project Cost: \$340,000 (total project cost \$880,835)
Project Location: Public Safety Building
Project Description: Projects related to homeland security.
Project Schedule: 2005 through 2010
Project Justification: Approval of this project will enable us to continue our work efforts and manage all projects related to homeland security including communications interoperability and protection of current systems from cyber attack and facilities from violent physical attack. Examples of security enhancements could be additional or more sophisticated cameras, biometric authentication, encryption, etc., external support infrastructure, or any other potential targets for security enhancements.
Description of M&O Cost: No impact on the General Fund is anticipated at this time.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost		\$40,000	\$70,000	\$30,000	\$100,000	\$100,000	\$340,000
<u>Total Project Revenues:</u>							
General CIP		\$40,000	\$70,000	\$30,000	\$100,000	\$100,000	\$340,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

**CONTINUATION OF PROGRAMS –
POLICE CIP PROJECT DESCRIPTION**

Project Name: Wireless Networking (funding increase)
Project Cost: \$83,000
Project Location: Public Safety Building
Project Description: Expanded wireless capability.
Project Schedule: 2009/2010
Project Justification: The funding increase for wireless networking will add additional data transfer points and necessary hardware to the project currently underway. The funding for this project will allow expansion of Redmond’s wireless capability, providing more coverage within the City as well as increasing the speed of data transfer.
Description of M&O Cost: Maintenance is not expected to be significant and can be absorbed in the Police operations budget.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$40,000	\$43,000	\$83,000
<u>Total Project Revenues:</u>							
General CIP					\$40,000	\$43,000	\$83,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

**CONTINUATION OF PROGRAMS –
POLICE CIP PROJECT DESCRIPTION**

Project Name: Criminal Justice Integration (funding increase)

Project Cost: \$100,000 (total project cost \$1,055,000)

Project Location: Public Safety Building

Project Description: Law Enforcement information sharing.

Project Schedule: 2009/2010

Project Justification: When funding was first sought for this project, the scope was local or regional in breadth. Agencies at municipal, county, state and the whole federal spectrum are currently engaged in discussion and planning for integration of systems and sharing of information. As the project goals have changed, the need for increased funding has also.

Description of M&O Cost: Maintenance and operations costs for this system are still unknown. The costs will be determined when the type of integration system is approved by the various agencies involved.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$50,000	\$50,000	\$100,000
<u>Total Project Revenues:</u>							
General CIP					\$50,000	\$50,000	\$100,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW POLICE PROJECT DESCRIPTION

Project Name: Public Safety Building Security (funding increase)
Project Cost: \$180,000 (total project cost \$418,000)
Project Location: Public Safety Building
Project Description: Additional basic building security.
Project Schedule: 2005, 2009 and 2010
Project Justification: These monies will maintain basic building security. Included in the project are security measures that will be required when the Finance department vacates their portion of the Public Safety building (additional cameras, etc.)
Description of M&O Cost: Maintenance and operations costs are not expected to be significant and can be absorbed in the Police operations budget.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$45,000				\$65,000	\$70,000	\$180,000
<u>Total Project Revenues:</u>							
General CIP	\$45,000				\$65,000	\$70,000	\$180,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

**CONTINUATION OF PROGRAMS –
POLICE CIP PROJECT DESCRIPTION**

Project Name: Public Safety Building Replacement/Renovation (ongoing)

Project Cost: \$358,000 (total project cost \$1,297,333)

Project Location: Public Safety Building

Project Description: Increase the annual contribution to the Public Safety Building Replacement Fund. This fund will be used to pay for major structural renovations and/or major system replacement within the Public Safety Building.

Project Schedule: 2009/2010

Project Justification: As the Public Safety Building ages, it will require capital-intensive repairs and renovation. A total of \$179,000 will be put in the reserve each year. By 2010 the reserve will have grown to approximately \$1.3 million.

Description of M&O Cost: This is a rehabilitation program and will not have a maintenance impact on the General Fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$179,000	\$179,000	\$358,000
<u>Total Project Revenues:</u>							
General CIP					\$179,000	\$179,000	\$358,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

**CONTINUATION OF PROGRAMS –
POLICE CIP PROJECT DESCRIPTION**

Project Name: Repairs to Public Safety Building (ongoing)
Project Cost: \$177,000 (total project cost \$257,000)
Project Location: Public Safety Building
Project Description: Repairs of major building systems.
Project Schedule: 2007, 2009 and 2010
Project Justification: A contingency fund is needed to fund non-routine repairs to major systems in the Public Safety Building (e.g., HVAC and roof). In order for these repairs to be paid for out of the CIP, they must be at least \$25,000 and extend the useful life of the building.
Description of M&O Cost: This is a rehabilitation program and will not have an impact on the General Fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$75,000		\$12,000		\$50,000	\$40,000	\$177,000
<u>Total Project Revenues:</u>							
General CIP	\$75,000		\$12,000		\$50,000	\$40,000	\$177,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW POLICE PROJECT DESCRIPTION

Project Name: Mobile Data Computers/Terminals
Project Cost: \$200,000
Project Location: Redmond Public Safety Building
Project Description: New equipment for data access in cars.
Project Schedule: 2009/2010
Project Justification: The current technology used by the Police Department to provide data to officers in the field is expected to be obsolete by the end of this decade. This project will allow the purchase of the necessary equipment, thereby ensuring that staff is in possession of the most current information possible.
Description of M&O Cost: The maintenance and operations costs can be absorbed within the current Police operations budget.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$100,000	\$100,000	\$200,000
<u>Total Project Revenues:</u>							
General CIP					\$100,000	\$100,000	\$200,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW POLICE/FIRE PROJECT DESCRIPTION

Project Name:	Emergency Operations Center (EOC) Enhancements
Project Cost:	\$300,000 (\$150,000 Police and \$150,000 Fire)
Project Location:	Redmond Public Safety Building (PSB)
Project Description:	Enhancement of EOC.
Project Schedule:	2005
Project Justification:	<p>Homeland Security concerns and technology requirements have changed substantially since January of 1990 when the EOC became operational. Through a joint cooperation between Police and Fire, funding is requested for enhancements including the following:</p> <ul style="list-style-type: none">• Upgrade EOC physical security, including HVAC shutdown, Blast-Guard protective coating on windows, access control / biometric card reader, clean/dry room for removing wet clothing prior to entering the EOC, and digital security cameras at public safety facilities.• Installation of video/data/RF and voice ports in the existing EOC and the current PSB Council Chamber area. Note: PSB Council Chamber is designated to provide additional operational space for emergency coordination should a major incident require a regional response.• Procurement of movable workstations, each equipped with a computer laptop, 800 MHz public safety radio, telephone, and chair.• Installation of video projection system in current EOC.• Installation of secured storage area door.
Description of M&O Cost:	Costs related to phone lines, wireless computer access, and radio fees are estimated at \$2,300 per year.

Emergency Operations Center (EOC) Enhancements (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$300,000						\$300,000
<u>Total Project Revenues:</u>							
General CIP	\$300,000						\$300,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0	2,300	2,300	2,300	2,300	2,300	11,500
Total Ongoing M&O	\$0	\$2,300	\$2,300	\$2,300	\$2,300	\$2,300	\$11,500

GENERAL GOVERNMENT FUNCTIONAL ALLOCATION
2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total 2005-2010
	Prior Years	2005	2006	2007	2008	2009	2010	
REVENUE								
Beginning Fund Balance		\$9,470,591	\$9,951,881	\$9,243,826	\$8,955,216	\$8,638,109	\$8,125,941	\$9,470,591
General Fund Transfer	1,243,648	120,744	122,832	126,274	129,111	132,002	134,948	765,911
GF Transfer for Affordable Housing	300,000	100,000						100,000
General Fund Transfer to close shortfall	192,964							0
Real Estate Excise Tax	207,265	200,135 [1]	137,000	135,000	135,000	135,000	135,000	877,135
Interest Earnings	432,184	115,000	129,224	85,000	55,000	55,000	55,000	494,224
Sales Tax on Construction	1,248,938	550,000	550,000					1,100,000
Miscellaneous Revenue	481,163							
City Campus Project Revenue								
General Fund One-time Transfer	3,414,233							
General Gov't GF Transfer	1,060,810							
One-time Transfer from								
Council CIP Contingency	1,500,000							
Real Estate Excise	1,410,000	115,000						115,000
Interest Earnings	703,089	85,000	20,776	15,000	15,000	15,000	15,000	165,776
General Fund transfer for								
future debt service	400,000							
Sales Tax on Construction				1,100,000	1,100,000	1,100,000	1,100,000	4,400,000
LID Guaranty Fund	2,070,332	943,844						943,844
Contribution Water/Wasterwater [2]								
Contribution Stormwater [2]								
Contribution Solid Waste/Recycling [2]								
TOTAL REVENUES	14,664,626	11,700,315	10,911,712	10,705,100	10,389,327	10,075,111	9,565,890	18,432,482
EXPENDITURES								
COMPLETED PROJECTS								
Library Renovation	500,000							
City Hall Security	25,000							
Transfer to Parks for Future Land Acq.	1,121,803							
COUNCIL APPROVED PROJECTS								
City Campus Project	520,200		1,397,886	1,749,884	1,751,218	1,849,170	1,848,145	8,596,303
City Campus Future Lease Payments								0
MOC Covered Storage	52,554	249,109						249,109
Sammamish Valley Habitat Preservation	750,000	250,000						250,000
Affordable Housing	1,300,000							0
Endangered Species Act Contingency	48,506	151,494						151,494
Neighborhood Spotlight (Contingency)		70,000	70,000					140,000

GENERAL GOVERNMENT FUNCTIONAL ALLOCATION
2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Prior Years	2005	2006	2007	2008	2009	2010	2005-2010
FUNDING DECREASE								
Community/Historical Treasures Acq. (Original Project Cost \$500,000)	[3]	100,000	100,000			100,000		300,000
								0
FUNDING INCREASE								
Affordable Housing (Impact Fee Waivers TOD Project)		138,000						138,000
	875,972							0
NEW PROJECTS								
Affordable Housing	[4]	200,000	100,000					300,000
Citywide Records Management		589,831						589,831
TOTAL EXPENDITURES		5,194,035	1,748,434	1,667,886	1,749,884	1,751,218	1,949,170	10,714,737
Ending Fund Balance		\$9,470,591	\$9,951,881	\$9,243,826	\$8,955,216	\$8,638,109	\$8,125,941	\$7,717,745
Ending Fund Balance Detail								
Ending Balance - Restricted Funds	[5]	8,276,183	9,195,167	9,243,826	8,955,216	8,638,109	7,903,939	7,170,795
Ending Balance - Unrestricted Funds		1,229,323	756,714	0	0	0	222,002	546,950
Total Ending Fund Balance		\$9,505,506	\$9,951,881	\$9,243,826	\$8,955,216	\$8,638,109	\$8,125,941	\$7,717,745

[1] Includes overcollections from prior years.

[2] Utilities will contribute to the City Campus project through direct lease payments.

[3] Project decreased by \$200,000 to fund affordable housing.

[4] An additional \$100,000 was approved by Council in 2005

[5] Funds are restricted for City Hall lease payments.

**CONTINUATION OF PROGRAMS –
GENERAL GOVERNMENT CIP PROJECT DESCRIPTION**

Project Name:	Transit Oriented Design Impact Fee Waiver Payment Village at Overlake Station
Project Cost:	\$138,000
Project Location:	2630 - 152 nd Avenue NE
Project Description:	Extension and restructuring of impact fee repayment plan for construction of a 308-unit apartment complex over an existing park and ride facility.
Project Schedule:	N/A
Project Justification:	<p>When the City Council authorized the waiver of impact fees for construction of the Village at Overlake Station (a 308-unit housing development over an existing park and ride facility with all of the units affordable to households earning 60% or less of the King County Median Income), the impact fees for the development were to be repaid to the City over a 5-7 year period from various sources, including CDBG dollars. To date, all of the funds have been received and repaid to the Water/Wastewater, Parks and Transportation functional areas except for the payments coming from the CDBG money.</p> <p>CDBG allocations have been down in the past several years, and CDBG funds are significantly restricted such that this is no longer a workable fund from which to repay the Parks and Transportation funds for the impact fee waivers. This request is to repay the remaining fees from the General Government CIP.</p>
Description of M&O Cost:	None

Transit Oriented Design Impact Fee Waiver Payment (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$138,000						\$138,000
<u>Total Project Revenues:</u>							
General CIP	\$138,000						\$138,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW GENERAL GOVERNMENT CIP PROJECT DESCRIPTION

Project Name:	Housing Trust Fund
Project Cost:	\$300,000
Project Location:	City- and region-wide
Project Description:	Establish a dedicated fund source for affordable housing contributions.
Project Justification:	<p>As a member jurisdiction of ARCH (A Regional Coalition for Housing), the City has agreed to participate in providing funding assistance for affordable housing in the region. ARCH has provided a suggested range of contributions from Redmond of \$244,000 to \$552,000 per year based on current and projected population and anticipated job growth. Redmond has averaged \$150,000 per year from General Fund contributions, in addition to unplanned expenses for program such as fee waivers for the Village at Overlake and payment of the LID assessment for the Avon Villa mobile home park. It would be best if the City were to plan ahead for these expenses, anticipating Redmond's ongoing participation through ARCH. For the past four years, Redmond has been the only ARCH member jurisdiction that has not had a dedicated funding source for affordable housing. This has made it difficult to anticipate available funds and provide direction to non-profit housing providers in the area.</p> <p>Redmond's funds for ARCH projects have been used to create 1,230 units of affordable housing in Redmond and neighboring cities. Together, Eastside cities have contributed over \$19 million in funds through ARCH to leverage several hundred millions in funds from other sources. Redmond's participation in ARCH has resulted in a \$1.25 return from other cities for every dollar it has contributed toward affordable housing. Redmond's projected job growth is among the highest of the Eastside cities, creating a larger demand for nearby housing which increases prices and makes it more difficult to provide affordable housing. Providing affordable housing options close-in to jobs will indirectly reduce demand on other infrastructure such as transportation.</p>
Description of M&O Cost:	Affordable Housing contributions do not require maintenance support from the General Fund.

Housing Trust Fund (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$200,000	\$100,000					\$300,000
Total Project Revenues:							
General CIP	\$100,000	\$100,000					\$200,000
General Fund Transfer	\$100,000						\$100,000 ¹
Total Project Revenues	\$200,000	\$100,000	\$0	\$0	\$0	\$0	\$300,000
Ongoing M&O Costs:							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1. City Council allocated an additional \$100,000 to affordable housing from the General Fund in 2005.

NEW GENERAL GOVERNMENT CIP PROJECT DESCRIPTION

Project Name:	Citywide Records Management Program Phase II
Project Cost:	\$589,831
Project Location:	Citywide
Project Description:	Implementation of a citywide electronic document and records management system.
Project Justification:	<p>The impending move to the new City Hall and the associated need to reduce the file space has reinforced the need for an integrated document and records management program to manage City records. This project continues the work of the Document Imaging System adopted by the City Clerk's Office. This project includes all of the one-time general capital costs associated with implementation of the citywide electronic document and records management system. Other funds contributing to this project are the Utility CIPs, Solid Waste/Recycling and the General Fund.</p> <p>The implementation of the citywide electronic document and records management system includes:</p> <ul style="list-style-type: none">• Policy and procedure development.• Records inventory, appraisal, retention and disposition.• Data collection/forms management.• Forms inventory and control.• Establishing training and outreach programs.
Description of M&O Cost:	The total cost to implement this project is estimated at \$1.3 million. Ongoing costs are estimated at \$150,000 per year.

Citywide Records Management Program Phase II (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$589,831						\$589,831
<u>Total Project Revenues:</u>							
General CIP	\$589,831						\$589,831
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0		150,000	150,000	150,000	150,000	600,000
Total Ongoing M&O	\$0	\$0	\$150,000	\$150,000	\$150,000	\$150,000	\$600,000

WATER/WASTEWATER CONSTRUCTION FUND
2005 -2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Previous Biennium	2005	2006	2007	2008	2009	2010	2005-2010
REVENUE								
Beginning Fund Balance	15,194,625	9,808,692	7,729,883	3,389,156	4,999,359	5,984,285	9,209,918	9,808,692
Interest Earnings	677,166	196,559	158,150	66,589	56,821	76,037	96,798	650,954
Connection Fees	2,809,413	1,090,000	1,100,000	1,110,000	1,120,000	1,130,000	1,140,000	6,690,000
Redmond Regional Connect Fee	1,119,489							0 [1]
Depreciation Reserve Transfer & Interest	4,097,766	2,303,632	2,382,123	2,460,614	2,539,105	2,617,596	2,696,087	14,999,157
Developer Contributions	155,725	500,000						500,000
Gen Govt Charges for Services	26,698							
Total Revenues	24,080,882	13,898,883	11,370,156	7,026,359	8,715,285	9,807,918	13,142,803	32,648,803
Current Water Projects								
Water System Plan Update	15,000			75,000	225,000	20,000		320,000
Redmond Telemetry System Upgrades	184	50,000						50,000
W. Lk Samm/Bel-Red to 51st (water)					865,000			865,000
185th Ave Extension		200,000						200,000
Union Hill Rd/Avondale - 178th							255,000	255,000
NE 116th Water Main Replacement			144,000					144,000
Novelty Hill Rd Water Main Replacement					100,000			100,000
NE 83rd St Water Improvements		20,000						20,000
CWA Connection Fee	1,151,640							0 [1]
City Campus Project - W/WW share				32,500	33,000	34,000	35,000	134,500
Source Improvement Projects	1,300,000	3,200,000	2,500,000					5,700,000
Tolt #2 Meter @172nd		50,000	450,000					500,000
Well 4	75,000							
Ed Hill (2MG/3MG)Tank Painting & Upgrades	30,000	180,000						180,000
Perrigo Springs .5 MG Tank Painting & Upgrades	5,000	43,000						43,000
N RH Booster Pump Station Replacement		30,000	310,000					340,000
RH Supply Station 2 Improv		49,000						49,000
RH Supply Station 3 Improv		70,000						70,000
Rose Hill Telemetry System Upgrades	1,000		15,000					15,000
NE 51st St Crossing of SR 520						100,000	900,000	1,000,000
SE Red. Trans Main-Phase 1B2 (Tank access rd)	680,937	550,000						550,000
Meter Replacement Program	60,000	80,000	80,000	80,000	80,000	80,000	80,000	480,000
NE 87th St Water Main Replacement		210,000						210,000
2006 Misc. Water System Improvements		100,000	911,000					1,011,000
Water System Replacement Program					1,000,000		1,000,000	2,000,000
Redmond Way/170th to 520			75,000	62,000				137,000
Harper Hill Apt Meters					75,000			75,000
Sunpointe Village Apt Meters					75,000			75,000
Archstone Apartment Meters					75,000			75,000

WATER/WASTEWATER CONSTRUCTION FUND
2005 -2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Previous Biennium	2005	2006	2007	2008	2009	2010	2005-2010
Current Sewer Projects								
General Sewer System Plan Update	250,000							
MOC Covered Storage			57,000					57,000
W. Lk Samm/Bel-Red to 51st (sewer)					50,000			50,000
116th Sewer Replacement (York Bridge)		225,000						225,000
City Campus Project - W/WW share				32,500	33,000	34,000	35,000	134,500
S Overlake Trunk Improv Ph 2		200,000	2,189,000					2,389,000
Sewer Rehabilitation - Ph 2		50,000	240,000					290,000
Generator Replacement Project						30,000	150,000	180,000
Proposed Water Projects								
Wellhead Protection		100,000	100,000	100,000	100,000	100,000	100,000	600,000
Reservoir Park Pump Station			500,000	1,500,000				2,000,000
Water System Security Improvements		200,000	200,000					400,000
Joint Use Water System Security Improvements		150,000	150,000					300,000
Well 4		100,000						100,000
NE 83rd St Water Improvements		80,000						80,000
Rose Hill Telemetry System Upgrades					20,000			20,000
NE 87th St Water Main Replacement		107,000						107,000
Water System Replacement Program				100,000		100,000		200,000
Harper Hill Apt Meters				15,000				15,000
Sunpointe Village Apt Meters				15,000				15,000
Archstone Apartment Meters				15,000				15,000
Proposed Sewer Projects								
General Sewer System Plan Update		50,000				100,000	150,000	300,000
116th Sewer Replacement (York Bridge)		75,000						75,000
Sewer Rehabilitation - Ph 2			60,000					60,000
Generator Replacement Project							120,000	120,000

WATER/WASTEWATER CONSTRUCTION FUND
2005 -2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Previous Biennium	2005	2006	2007	2008	2009	2010	2005-2010
Completed Water Projects								
2004 Miscellaneous Water System Improvements		3,724,000						
2003 Miscellaneous Water System Improvements		2,184,433						
Water Bond Payoff		2,054,700						
W. Lk Samm/51st to Marymoor		520,000						
140th St Sidewalk (Water Main replace)		393,200						
Redmond Way Access Water Line		240,000						
Union Hill Rd Main - 178th to 188th		200,000						
S RH Reserv Booster Pump Station		175,000						
Peter's Creek (151st to Sammamish River) (water mai		55,000						
Water Conservation/Demonstration Garden		55,000						
Pavement Management Program		46,575						
Utility Infrastructure (IS)		42,500						
Redmond Way/132nd Ave NE Intersection		40,760						
Cameret View Rehab		2,386						
CWA Assessment (Lake Tapps)		2,350						
154th Ave NE Sidewalk Improvements		1,725						
Completed Sewer Projects								
Pump Station 4 Rehab - Ph 2		480,000						
Sewer Bond Payoff		228,300						
Inflow/Infiltration Control Project		90,000						
124th Sewer Adjustments		75,000						
W. Lk Samm/51st to Marymoor		50,000						
Utility Infrastructure (IS)		42,500						
Total Expenditures	14,272,190	6,169,000	7,981,000	2,027,000	2,731,000	598,000	2,825,000	22,331,000
Ending Fund Balance	\$9,808,692	\$7,729,883	\$3,389,156	\$4,999,359	\$5,984,285	\$9,209,918	\$10,317,803	\$10,317,803
Ending Fund Balance Detail								
Ending Balance - Restricted Funds	0	0	0	2,098,614	2,122,719	4,310,315	4,351,402	4,351,402
Ending Balance - Unrestricted Funds	9,808,692	7,729,883	3,389,156	2,900,745	3,861,566	4,899,603	5,966,401	5,966,401
Total Ending Fund Balance	\$9,808,692	\$7,729,883	\$3,389,156	\$4,999,359	\$5,984,285	\$9,209,918	\$10,317,803	\$10,317,803

1. As a result of a City Accounting change, regional connection fees are recorded as an operating expense in the Water/Wastewater Management Fund.

NEW WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: Wellhead Protection

Project Cost: \$600,000 (or \$100,000 annually)

Project Location: Various

Project Description: Wellhead protection as it relates to the development, implementation and administration of the citywide groundwater-related protection programs and projects.

Project Schedule: Annual program

Project Justification: Numerous small projects will be identified through initial program implementation including the need for new monitoring wells, water quality protection projects, and other adjustments to City facilities to reduce the contamination potential to the City wells.

Description of M&O Cost: M&O covered in operating program. Capital improvements will increase M&O negligibly.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
<u>Total Project Revenues:</u>							
W/WW CIP	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name:	Reservoir Park Pump Station
Project Cost:	\$2,000,000
Project Location:	Reservoir Park Water Tank
Project Description:	The existing pump station and flow control facilities contain 20-year-old mechanical and electrical equipment in 5 underground vaults. This project replaces the mechanical and electrical equipment within a new building.
Project Schedule:	Design during 2006 with construction in 2007.
Project Justification:	Replace aging mechanical and electrical systems.
Description of M&O Cost:	No increased staff costs, as this is a replacement facility. Minimal operating cost increases are projected at \$1,000 annually.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$0	\$500,000	\$1,500,000				\$2,000,000
<u>Total Project Revenues:</u>							
W/WW CIP	\$0	\$500,000	\$1,500,000				\$2,000,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	1,000	1,000	1,000	1,000	1,000	1,000	6,000
Total Ongoing M&O	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$6,000

NEW WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: Water System Security Improvements
Project Cost: \$400,000
Project Location: Water reservoirs and pump stations.
Project Description: Security improvements at water facilities as recommended by the Vulnerability Assessment.
Project Schedule: Added to facilities during 2005 and 2006.
Project Justification: Lessen vulnerability of water system.
Description of M&O Cost: The cost of maintenance and monitoring of the security system ranges from \$36,000 to \$86,000 each year.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$200,000	\$200,000					\$400,000
<u>Total Project Revenues:</u>							
W/WW CIP	\$200,000	\$200,000					\$400,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	36,000	81,000	37,080	83,430	38,192	85,933	361,635
Total Ongoing M&O	\$36,000	\$81,000	\$37,080	\$83,430	\$38,192	\$85,933	\$361,635

NEW WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: Kirkland Joint Use Water System Security Improvements
Project Cost: \$300,000
Project Location: Water reservoirs and pump stations.
Project Description: Security improvements at water facilities as recommended by Vulnerability Assessment.
Project Schedule: Add to facilities during 2005 and 2006.
Project Justification: Lessen vulnerability of water system.
Description of M&O Cost: Maintenance and operating costs of \$10,000 annually are paid directly by Kirkland and billed as intergovernmental charge.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$150,000	\$150,000					\$300,000
<u>Total Project Revenues:</u>							
W/WW CIP	\$150,000	\$150,000					\$300,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	5,000	10,000	10,000	10,000	10,000	10,000	55,000
Total Ongoing M&O	\$5,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$55,000

WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: Well 4 Improvements
Project Cost: \$100,000
Project Location: City Campus
Project Description: Add a sand separator to remove sand being pumped from the well as well as other minor improvements.
Project Schedule: 2005
Project Justification: The well is pumping sand which is severely impacting the chemical treatment equipment and building water systems.
Description of M&O Cost: The sand separator will increase manpower requirements and utility costs at the facility. The manpower will be accomplished by existing FTEs.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$100,000						\$100,000
<u>Total Project Revenues:</u>							
W/WW CIP	\$100,000						\$100,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: NE 83rd Street Water Improvements (Increase)
Project Cost: \$80,000 (total project cost \$100,000)
Project Location: NE 83rd Street
Project Description: Relocate existing water mains, fire hydrants, and meters serving properties adjacent to the NE 83rd Street Improvement Project.
Project Schedule: Timed coincident with the NE 83rd Street project.
Project Justification: Facilities need to be moved to accommodate the new roadway improvements and to improve maintenance access to existing facilities.
Description of M&O Cost: No increase in costs, relocation of existing facilities.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$80,000						\$80,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase	\$80,000						\$80,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: Rose Hill Telemetry System Upgrades (Increase)
Project Cost: \$20,000 (total project cost \$35,000)
Project Location: Various jointly owned water tank, pump station and meter sites.
Project Description: Replace and upgrade the telemetry system for the jointly owned facilities with Kirkland.
Project Schedule: Managed and coordinated by Kirkland.
Project Justification: Existing telemetry system has become outdated.
Description of M&O Cost: No increase in FTEs required; replacement of existing facilities.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost				\$20,000			\$20,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase				\$20,000			\$20,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: NE 87th Street Water Main Replacement (Increase)
Project Cost: \$107,000 (total project cost \$317,000)
Project Location: NE 87th Street between 148th Avenue and Willows Road
Project Description: Replace existing 6-inch water main with 12-inch, and coordinate with stream improvement project.
Project Schedule: Coordinated with permitting issues of stream culvert project.
Project Justification: Replace undersized asbestos cement water main in industrial area.
Description of M&O Cost: No increase in FTEs required; replacement of existing facilities.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$107,000						\$107,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase	\$107,000						\$107,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: Water System Replacement Program (Increase)

Project Cost: \$200,000 (total project cost \$2.2 million)

Project Location: Various locations. To be established for each biennium based on maintenance priorities and coordination with other City projects.

Project Description: Replace water system facilities.

Project Schedule: The replacement of water system facilities is an ongoing program. \$1.1 million is being programmed for each biennium for this project.

Project Justification: Continued program for the replacement of aging or undersized water facilities or facilities that need to be relocated as part of road improvement projects.

Description of M&O Cost: No increase in FTEs required; replacement of existing facilities.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost			\$100,000		\$100,000		\$200,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase			\$100,000		\$100,000		\$200,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name:	Harper Hill Apartment Meters (Increase)
Project Cost:	\$15,000 (total project cost \$90,000)
Project Location:	Harper Hill Apartments
Project Description:	Provide individual building meters to an apartment complex that is served by a single large meter.
Project Schedule:	Planned for 2008, delayed from prior CIP.
Project Justification:	Allows more accurate billing of water consumption and leak detection.
Description of M&O Cost:	No significant change in maintenance and operation costs.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost			\$15,000				\$15,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase			\$15,000				\$15,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name:	Sunpointe Village Apartment Meters (Increase)
Project Cost:	\$15,000 (total project cost \$90,000)
Project Location:	Sunpointe Village Apartments
Project Description:	Provide individual building meters to an apartment complex that is served by a single large meter.
Project Schedule:	Planned for 2008, delayed from prior CIP.
Project Justification:	Allows more accurate billing of water consumption and leak detection.
Description of M&O Cost:	No significant change in maintenance and operation costs.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost			\$15,000				\$15,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase			\$15,000				\$15,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: Archstone Apartment Meters (Increase)
Project Cost: \$15,000 (total project cost \$90,000)
Project Location: Archstone Apartments
Project Description: Provide individual building meters to an apartment complex that is served by a single large meter.
Project Schedule: Planned for 2008, delayed from prior CIP.
Project Justification: Allows more accurate billing of water consumption and leak detection.
Description of M&O Cost: No significant change in maintenance and operation costs.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost			\$15,000				\$15,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase			\$15,000				\$15,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: General Sewer System Plan Update

Project Cost: \$300,000

Project Location: Citywide

Project Description: Sewer Facility Plan. Current Sewer Plan Update costs increased, requiring an additional \$50,000 in 2005. New 6-year update cycle begins in 2009 at an anticipated cost of \$250,000.

Project Schedule: Review and update plan on a 6-year cycle.

Project Justification: Good practice and required by state and local regulations.

Description of M&O Cost: Utility engineering staff hours are allocated to managing these studies, and maintaining the mapping and hydraulic analysis programs that support the Plan.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$50,000				\$100,000	\$150,000	\$300,000
<u>Total Project Revenues:</u>							
W/WW CIP	\$50,000				\$100,000	\$150,000	\$300,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: 116th Sewer Replacement (York Bridge) (Increase)
Project Cost: \$75,000 (total project cost \$375,000)
Project Location: 116th and the Sammamish River
Project Description: Replace an existing sewer that is in the way of the new bridge abutment and retaining walls.
Project Schedule: Timed coincident with the York Bridge Project.
Project Justification: Sewer needs to be moved away from the Bridge walls.
Description of M&O Cost: Access to sewer will be more difficult because of the bridge structure but there is no additional staff or cost required to maintain this relocated sewer.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$75,000						\$75,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase	\$75,000						\$75,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name: Sewer Rehabilitation Phase 2 (Increase)
Project Cost: \$60,000 (total project cost \$350,000)
Project Location: Various
Project Description: Rehabilitate existing sewers.
Project Schedule: Planned for 2006.
Project Justification: Repair or replace defects in the sewer system discovered during television inspections.
Description of M&O Cost: No increase in costs; repair of existing facilities.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost		\$60,000					\$60,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase		\$60,000					\$60,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – WATER/WASTEWATER CIP PROJECT DESCRIPTION

Project Name:	Generator Replacement Project (Increase)
Project Cost:	\$120,000 (total project cost \$300,000)
Project Location:	Various sewer pump stations.
Project Description:	Planned replacement of generators at sewer pump stations that were installed in the mid-1980s.
Project Schedule:	Project has been delayed from previous CIP. Will continue to monitor equipment functionality to determine appropriate time to replace the generators.
Project Justification:	Mechanical equipment like generators wear out and become more expensive to repair than to replace.
Description of M&O Cost:	No increase in FTEs required; replacement of existing facilities.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost						\$120,000	\$120,000
<u>Total Project Revenues:</u>							
W/WW CIP - Increase						\$120,000	\$120,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

STORMWATER CONSTRUCTION FUND
2005 - 2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							
	Previous biennium	2005	2006	2007	2008	2009	2010	Total 2005-2010
Revenue								
Beginning Fund Balance	6,818,492	6,650,220	3,251,832	716,388	651,455	359,928	62,571	6,650,220
Operating Transfer	1,199,639	1,645,856	1,645,856	1,645,856	1,645,856	1,645,856	1,645,856	9,875,136
Construction Surcharge	3,581,055							
Depreciation Reserve Funding	1,133,506	566,752	566,752	566,752	566,752	566,752	566,752	3,400,512
Capital Facilities Charge	554,332	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Interest Earnings	367,791	133,004	107,537	14,328	13,029	7,199	1,251	276,348
Contributions	446,023							
Department of Energy Loan Proceeds	15,000	315,000						315,000
Total Revenues	14,115,838	9,560,832	5,821,977	3,193,324	3,127,092	2,829,735	2,526,430	22,017,216
Current Projects								
Small Capital Projects Program	615,001	80,000	80,000	80,000	80,000	80,000	80,000	480,000
Eastside Industrial Storm Drain System	144,806	550,000	103,087					653,087
Bear Creek Rehabilitation	277,348	60,000	452,653					512,653
85th St Water Quality Facility	152,781	200,000	552,189					752,189
Redmond Wy/Bear Crk Water Quality Facil	129,362			300,000	290,174			590,174
Willow's Indust. Pk Stream Daylighting	85,615	85,000	347,385					432,385
Shadowbrook Habitat Rehab	116,031	60,000						60,000
Peters Creek Rehab-Phase 1,2,3	204,533	70,000		35,000				105,000
MOC Covered Storage		30,000						30,000
Samm/Bear Creek Habitat Projects (Hep 4)		100,000	350,000	275,000				725,000
85th Street Outfall Enhancement			55,000	99,254				154,254
Water Quality Lab at MOC			50,000					50,000
Rose Hill Area Detention Pond	55,000	880,000						880,000
Valley Estates Bank Stabilization				30,000	95,000	615,000		740,000
Hartman Park Detention & Water Quality	55,000	100,000	325,000					425,000
Water Quality Facilities - Existing Outfalls	50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
City Hall South, SW Share			52,436	166,869	167,164	167,164	167,164	720,797
Peter's Crk W Branch -E. of 82nd				25,000	60,000			85,000
Peter's Creek Rehab, NE 84th/142nd NE					30,000	60,000	75,000	165,000
Villa Marina Outflow Channel	100,354	40,000						40,000

STORMWATER CONSTRUCTION FUND
2005 - 2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Previous biennium	2005	2006	2007	2008	2009	2010	2005-2010
Current Rehabilitation Projects								
Emergency Activities	355,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Peter's Creek Culvert Replacement, NE 87th	120,863	401,137						401,137
Idylwood Stream Upper Reach	252,647	370,263						370,263
Ed Hill Bypass	2,070							0
Marymoor Business Park	26,663	25,000						25,000
116th Culvert & Stream Relocation @ Fischer					100,000	110,000		210,000
116th (York) Bridge Contribution	150,000	200,000						200,000
116th St Culvert Replacement @ 166th	125,000	600,000						600,000
Peter's Crk So Trib E of 80th Pl				25,000	50,000	475,000		550,000
Valley Estates Culvert Replacement			65,000	175,000				240,000
5050 W Lk Samm Pkwy Culvert Replacement				85,000	275,000			360,000
Proposed New Projects (Based on \$11.50 rate)								
Illicit Discharge Projects		10,000	15,000	25,000	100,000	100,000	100,000	350,000
Wellhead Protection Improvements		150,000	150,000	150,000	150,000	150,000	150,000	900,000
Drainage Complaints	45,000	85,000	85,000	85,000	85,000	85,000	85,000	510,000
Bear Creek Enhancements - Keller Farm Area						95,000	155,000	250,000
Samm River Enhancements - Leary to Bear Cr						100,000	200,000	300,000
Foss Property Buffer Restoration						20,000	70,000	90,000
Proposed Increases to Projects (Based on \$11.50)								
Small Capital Projects Program		170,000	170,000	170,000	170,000	170,000	170,000	1,020,000
Emergency Activities		150,000	150,000	150,000	150,000	150,000	150,000	900,000
116th St Culvert Replacement @ 166th		1,200,000						1,200,000
Eastside Industrial Storm Drain System			1,171,913					1,171,913
85th Street Water Quality Facility			595,811					595,811
Redmond Way/Bear Crk Water Quality Facility					659,826			659,826
Willow's Indust. Pk Stream Daylighting			17,615					17,615
Samm/Bear Creek Habitat Projects (Hep 4)				475,000				475,000
85th Street Outfall Enhancement				40,746				40,746

STORMWATER CONSTRUCTION FUND
2005 - 2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Previous biennium	2005	2006	2007	2008	2009	2010	2005-2010
Proposed New Rehabilitation Projects (Based on \$11.50)								
16550 Cleveland St Conveyance					115,000			115,000
Nintendo/MS Regional Conveyance & Detention					40,000	135,000	435,000	610,000
Willows Business Park at 92nd						20,000	160,000	180,000
Willows Business Park at 95th						45,000	125,000	170,000
Peters Cr Trunkline Retrofit							85,000	85,000
Anderson Park Wellhead Protection		70,000	167,500					237,500
Peters Creek Culvert Replacement, NE 87th St		118,863						118,863
Idylwood Stream Upper Reach		353,737						353,737
116th Culvert & Stream Relocation @ Fischer						40,000		40,000
Completed Projects								
Lower Peters Creek-151st to Samm River	701,218							
Lower Peters Creek-Willows to 151st	357,034							
9200 RedWood Rd Ravine Pond	114,662							
Sammamish Habitat East (HEP #2)	9,995							
ESA Contingency (HEP #3) (Gen Gov proj)	725,000							
Redmond Way Storm Trunk Improvements	82,028							
2003 Misc. Water System Improvements	41,184							
Redmond Way Access Control	7,000							
Peters Creek-87th Tributary	1,396							
Peters Creek/Samm River Habitat Enhance	7,013							
Utility Infrastructure--IS	22,365							
2004 Sidewalk Improvements	53,688							
Idylwood Stream Rehabilitation	187,077							

STORMWATER CONSTRUCTION FUND
2005 - 2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Previous biennium	2005	2006	2007	2008	2009	2010	2005-2010
Completed Rehabilitation Projects								
Welcome Park Pond Construction	322,176							
151st Culvert PC	490,192							
Tiburon 2 Swale	15,667							
140th Sidewalk (drainage upgrades)	806,765							
Pipe Recon.: Redmond Way/159th	23,000							
2003 Misc. Water System Improvements	20,086							
NE 80th St Improvements (with road projec	300,000							
RedWood/105th Detention Pond Rehab	115,000							
Total Expenditures	7,465,618	6,309,000	5,105,589	2,541,869	2,767,164	2,767,164	2,357,164	21,847,950
Ending Fund Balance	\$6,650,220	\$3,251,832	\$716,388	\$651,455	\$359,928	\$62,571	\$169,266	\$169,266
Ending Fund Balance Detail								
Ending Balance - Restricted Funds	0	0	34,252	16,004	0	0	0	0
Ending Balance - Unrestricted Funds	6,650,220	3,251,832	682,136	635,451	359,928	62,571	169,266	169,266
Total Ending Fund Balance	\$6,650,220	\$3,251,832	\$716,388	\$651,455	\$359,928	\$62,571	\$169,266	\$169,266

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Illicit Discharge Projects
Project Cost:	\$350,000
Project Location:	Throughout City
Project Description:	The City's Water Quality monitoring program has identified numerous locations where there are improper connections of sanitary drains to the stormwater system. Changing the systems over will likely take significant investigation and capital projects to remedy. Support for these projects should also come from the sewer utility.
Project Schedule:	As they are identified
Project Justification:	Where an illicit discharge is not attributable to a private party, the utility will be responsible for making the improvements to eliminate the discharge.
Description of M&O Cost:	Maintenance and operations costs will likely be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$10,000	\$15,000	\$25,000	\$100,000	\$100,000	\$100,000	\$350,000
<u>Total Project Revenues:</u>							
Stormwater CIP	\$10,000	\$15,000	\$25,000	\$100,000	\$100,000	\$100,000	\$350,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: Wellhead Protection Improvements in Storm

Project Cost: \$900,000 (\$150,000 annually)

Project Location: Throughout City

Project Description: Drainage systems, particularly infiltration systems, have the potential to deliver contamination to the aquifer. There are numerous locations where the drainage system will need to be upgraded to help protect the aquifer. These projects will be guided by the Wellhead Protection program.

Project Schedule: As they are identified

Project Justification: Where storm drainage negatively impacts the City’s wellheads, the utility will be responsible for making the corresponding improvements to protect the wellhead.

Description of M&O Cost: Not anticipated

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
<u>Total Project Revenues:</u>							
Stormwater CIP	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Drainage Complaints
Project Cost:	\$510,000 (\$85,000 annually)
Project Location:	Throughout City
Project Description:	Citizens routinely call or email the City about drainage issues in their neighborhoods. In the past we have tried to address these issues promptly to support good public relations. Additionally, we have found that sometimes dealing with these problems while they are small will keep them from becoming larger, more critical problems in the future. The issues are usually relatively minor in nature. However, the combined cost of these projects can be significant over the course of a year. This would be an allocated amount that would be identified to address these problems. Only projects exceeding the capital threshold would be addressed with these funds.
Project Schedule:	As they are identified
Project Justification:	This program allows the utility to respond appropriately to citizens' concerns.
Description of M&O Cost:	Maintenance and operations costs will most likely be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$510,000
<u>Total Project Revenues:</u>							
Stormwater CIP	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$510,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: Bear Creek Enhancement – Keller Farm Area

Project Cost: \$250,000

Project Location: Bear Creek

Project Description: Buffer enhancement including removal of invasive species, installation of habitat structures and planting of native vegetation (approximately 10 acres).

Project Schedule: Design and Permitting in 2009 – construction/planting in 2010

Project Justification: Habitat projects like this are a required element of the proposed WRIA 8 Habitat Conservation Plan (final plan expected out in 2005). The City will be obligated to construct projects like this in support of the plan. The City will be open to potential fines from state and federal agencies, third party lawsuits from environmental groups, and likely permitting difficulty on other City CIP projects and programs if the City does not support the elements of the plan.

Description of M&O Cost: Short-term maintenance of landscaping and habitat structures \$2,000/year for five years.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$95,000	\$155,000	\$250,000
<u>Total Project Revenues:</u>							
Stormwater CIP					\$95,000	\$155,000	\$250,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0					2,000	2,000
Total Ongoing M&O	\$0	\$0	\$0	\$0	\$0	\$2,000	\$2,000

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: Sammamish River Enhancement – Leary Way to Bear Creek

Project Cost: \$300,000

Project Location: Sammamish River

Project Description: Remove invasive plants along river banks, regrade and revegetate banks with native plants. Install woody debris to provide fish habitat and improve the hydraulic diversity.

Project Schedule: Engineering/permitting in 2009 - Construction 2010

Project Justification: Habitat projects like this are a required element of the proposed WRIA 8 Habitat Conservation Plan (final plan expected out in 2005). The City will be obligated to construct projects like this in support of the plan. The City will be open to potential fines from state and federal agencies, third party lawsuits from environmental groups, and likely permitting difficulty on other City CIP projects and programs if the City does not support the elements of the plan.

Description of M&O Cost: None

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$100,000	\$200,000	\$300,000
<u>Total Project Revenues:</u>							
Stormwater CIP					\$100,000	\$200,000	\$300,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Foss Property Buffer Restoration
Project Cost:	\$90,000
Project Location:	18809 NE 95 th St. (Parks property)
Project Description:	<p>This property along Bear Creek was purchased by Redmond Parks as part of the Bear/Evans trail (no longer planned for this site). The former house burned in 1993. Portions of the site west of Bear Creek are being taken over by invasive plants. This project will involve grubbing and removal of invasive plants and replacing them with native trees and plants.</p> <p>Preliminary project coordination with Parks has taken place, and Parks would be involved as the project proceeds. Some project elements (such as invasive weed control and planting) may be suitable for volunteer participation, since there is nearby parking, good access and gentle grades.</p>
Project Schedule:	Design in 2009, construction in 2010.
Project Justification:	Habitat projects like this are a required element of the proposed WRIA 8 Habitat Conservation Plan (final plan expected out in 2005). The City will be obligated to construct projects like this in support of the plan. Additionally, enhancement of the buffer area would be a requirement for any development of any Parks Department use.
Description of M&O Cost:	Short-term maintenance of landscaping and habitat structures \$1,000/year for five years. No long-term costs.

Foss Property Buffer Restoration (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$20,000	\$70,000	\$90,000
<u>Total Project Revenues:</u>							
Stormwater CIP					\$20,000	\$70,000	\$90,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0				1,000	1,000	2,000
Total Ongoing M&O	\$0	\$0	\$0	\$0	\$1,000	\$1,000	\$2,000

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: Small Capital Projects Program (Increase)
Project Cost: \$1,020,000 (total project cost \$1,500,000 or \$250,000 annually)
Project Location: Various throughout City
Project Description: Miscellaneous small capital stormwater/natural resources projects. Only projects exceeding the capital threshold would be addressed with these funds.
Project Schedule: N/A
Project Justification: More projects are being identified through expanded maintenance and system analysis.
Description of M&O Cost: Ongoing maintenance costs will be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$170,000	\$170,000	\$170,000	\$170,000	\$170,000	\$170,000	\$1,020,000
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase	\$170,000	\$170,000	\$170,000	\$170,000	\$170,000	\$170,000	\$1,020,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: Emergency Activities (Increase)

Project Cost: \$900,000 (total project cost \$1,500,000 or \$250,000 annually)

Project Location: Various throughout City

Project Description: This line item provides funding for periodic, unanticipated capital repairs and replacements that are emergency in nature.

Project Schedule: N/A

Project Justification: Emergency repairs require immediate attention and financing. Postponing these types of repairs can exacerbate existing conditions, often compromising the integrity of the larger system, thus increasing the cost for delayed improvements. Additionally, immediately fixing emergency problems significantly reduces the City’s liability. Current funding for this line item is not adequate in keeping pace with recent emergency expenses.

Description of M&O Cost: Ongoing maintenance costs will be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: NE 116th Street Culvert Replacement @ 166th

Project Cost: \$1,200,000 (total project cost \$1,800,000)

Project Location: NE 116th Street and 166th Avenue NE

Project Description: This project includes replacing the failing culvert under 116th with a new fish-passable box culvert with a simulated stream including margins passing through the culvert.

Project Schedule: Design and construction in 2005.

Project Justification: This project was required by the Washington State Department of Fish and Wildlife as part of another project. The culvert will be replaced by 2005 and will satisfy ESA requirements by removing a significant physical barrier to migratory fish. Original project estimates developed five years ago were preliminary and did not include costs for since strengthened environmental regulations and project requirements. Formal PS&E evaluation has determined that significantly more funding is required as a result of engineering complexities, new regulatory requirements, and future accommodation of 116th Street road widening.

Description of M&O Cost: Ongoing maintenance costs will be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$1,200,000						\$1,200,000
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase	\$1,200,000						\$1,200,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0	\$0	\$0	\$0	\$0	\$0	\$0

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: Eastside Industrial Storm Drain System (Increase)

Project Cost: \$1,171,913 (total project cost \$1,825,000)

Project Location: Immediately north and south of Union Hill Road, between 185th Ave. NE and 196th Ave. NE.

Project Description: Implementation of projects developed by the corresponding basin study, which identifies upgrades to the City’s storm conveyance and treatment facilities in the southeast Redmond industrial area.

Project Schedule: Construction in 2006.

Project Justification: Land costs for the project are now projected to be more than originally anticipated.

Description of M&O Cost: Ongoing maintenance costs will be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost		\$1,171,913					\$1,171,913
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase		\$1,171,913					\$1,171,913
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0	\$0	\$0	\$0	\$0	\$0	\$0

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	85 th Street Water Quality Facility (Increase)
Project Cost:	\$595,811 (total project cost \$1,348,000)
Project Location:	Downtown near 85 th Street
Project Description:	Construction of a water quality facility to treat stormwater from downtown Redmond and Education Hill, which empties into the Sammamish River at the 85 th Street outfall.
Project Schedule:	Design in 2005 and construction in 2006.
Project Justification:	Changes in Stormwater regulations now require much larger storage volume than originally anticipated. Land costs are extreme and are causing us to split the project. Project will now only provide half the ultimate needed Stormwater control. Project will include a large vault located on public land. Given the location of the vault, stormwater will have to be pumped to and from the main trunkline.
Description of M&O Cost:	Ongoing maintenance costs will be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost		\$595,811					\$595,811
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase		\$595,811					\$595,811
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: Redmond Way/Bear Creek Water Quality Facility (Increase)

Project Cost: \$659,826 (total project cost \$1,250,000)

Project Location: Vicinity of Bear Creek and Redmond Way

Project Description: Construction of a water quality facility to treat stormwater from downtown Redmond and Education Hill, which empties into Bear Creek at Redmond Way.

Project Schedule: Design in 2005 and 2006, construction in 2008.

Project Justification: Changes in Stormwater regulations now require much larger storage volume than originally anticipated. Additionally, the outfall pipe must be reconstructed since the invert is at an elevation that would severely limit storage vault construction.

Description of M&O Cost: Ongoing maintenance costs will be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost				\$659,826			\$659,826
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase				\$659,826			\$659,826
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Willows Industrial Park Stream Daylighting (Increase)
Project Cost:	\$17,615 (total project cost \$450,000)
Project Location:	Willows Industrial Park
Project Description:	This Class 2 creek drains approximately 306 acres and enters 150 feet of pipe underneath a commercial building. The location where the stream enters the building is higher than that of the adjacent parking area. Removing the stream from the building will greatly reduce the flooding potential and significantly improve the habitat conditions. Project involves removal of the stream from under the building by daylighting it in a channel in the power easement north of the property. This involves easement acquisition and construction of approximately 500 feet of stream channel.
Project Schedule:	Design in 2004 and construction in 2006.
Project Justification:	Increase in cost associated with minor changes in scope to deal with requirements from new property owners.
Description of M&O Cost:	Ongoing maintenance costs will be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost		\$17,615					\$17,615
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase		\$17,615					\$17,615
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Sammamish/Bear Creek Habitat Projects
Project Cost:	\$475,000 (total project cost \$1,200,000)
Project Location:	The Sammamish River, from the BNSF railroad trestle (8000 block) to NE 85 th on both banks.
Project Description:	<p>The Sammamish River is designated as a Class 1 (shoreline of the state) river. Chinook, Coho, and Sockeye salmon and other fish species use the Sammamish River for spawning, rearing and migration. The river was lowered and straightened in the early 1900s, and dredged by the US Army Corps of Engineers (ACOE) in the early 1960s. While this provided a measure of flood protection, the dredging has damaged salmon habitat and interrupted this crucial salmon migration route. King County is responsible for maintaining the river channel to provide the required flood conveyance (under the guidance of ACOE). Almost all drainage with the City of Redmond eventually flows to the Sammamish River. Channel capacity could be maintained or improved as a result of this project.</p> <p>High water temperatures and lack of low bank habitat in the river are the primary limiting factors for fish survival. Channel and bank improvements could improve habitat for fish and wildlife and substantially improve aesthetics along this popular trail corridor. Proximity to the Sammamish River Trail provides a range of interpretive and educational opportunities.</p>
Project Schedule:	Design in 2005/2006, construction in 2006/2007.
Project Justification:	Increase in project scope.
Description of M&O Cost:	Outside of the warranty maintenance that will be included as a part of the construction contract, ongoing maintenance costs will be minimal.

Sammamish/Bear Creek Habitat Projects (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost			\$475,000				\$475,000
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase			\$475,000				\$475,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: 85th St. Outfall Enhancement (Increase)

Project Cost: \$40,746 (total project cost \$195,000)

Project Location: 85th Street trunk line outfall to the Sammamish River

Project Description: The existing 54-inch diameter pipe outfall of the 85th Street trunk to the Sammamish River has several problems. The outfall area is steep, with large boulders surrounding the pipe. People must climb down the rocks to get to the river. The outlet area has a large area of exposed sandy soil beneath the bridge that is subject to erosion where it receives runoff from the trail or from river currents. Stormwater from the trunk main has low dissolved oxygen levels, contributing to water quality problems in the river.

Project Schedule: Design in 2006, construction in 2007.

Project Justification: Increase needed to support changes in permitting requirements to meet Endangered Species requirements.

Description of M&O Cost: Maintenance costs are anticipated to be minimal. Inspection of the structure will be needed on an annual basis.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost			\$40,746				\$40,746
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase			\$40,746				\$40,746
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: 16550 Cleveland Street Conveyance

Project Cost: \$115,000

Project Location: 16550 Cleveland Street

Project Description: The storm system in downtown Redmond is aging and some structures are failing. Several catch basins require replacement lids. The system also has several T connections that limit access for maintenance and cleaning. System needs to be reconstructed to current standards.

Project Schedule: Design and construction in 2008

Project Justification: Project is needed to prevent structural failure that could damage City streets. Additionally upgrading the system to eliminate T's will help improve access for maintenance and promote long system life.

Description of M&O Cost: Annual costs are expected to be minimal. Routine maintenance includes yearly inspection of structures and cleaning of structures and pipes with a vacor as needed based on inspection results.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost				\$115,000			\$115,000
<u>Total Project Revenues:</u>							
Stormwater CIP				\$115,000			\$115,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Nintendo / Microsoft Regional Conveyance and Detention
Project Cost:	\$610,000
Project Location:	150 th Ave. NE between NE 40 th Street and NE 51 st Street
Project Description:	<p>The neighborhood of 150th Ave. NE between NE 40th Street and NE 51st Street is subject to flooding in large storm events. The area is commercial with large impervious areas. Although some of these areas feature detention, when large storms bypass the ponds and vaults the conveyance system is quickly overwhelmed.</p> <p>The system needs to be analyzed to determine the frequency of flooding of the Nintendo parking areas, and determine drainage patterns along 150th Ave. NE. Pipes may be blocked with roots or debris, or may simply be undersized. The potential need for regional detention for this area should be considered, although it may not be necessary if conveyance within the 520 state right-of-way is adequate to the Sammamish River. It may be possible to construct new storm piping to convey flows from this basin to the state right-of-way for release without causing problems downstream.</p> <p>If additional detention is needed, there are several potential locations, including: 1) Widen Nintendo pond, 2) Widen state swale into detention pond, 3) undeveloped property at 4700, 4) undeveloped strip of property between Microsoft and Nintendo, 5) in-street detention vaults. If detention can be eliminated, then regional water quality facilities should be considered near the Nintendo pond.</p>
Project Schedule:	Design in 2008/2009, construction in 2010.
Project Justification:	Project is needed to reduce/eliminate flooding of private parking area and City street. City may have potential liability for property damage.
Description of M&O Cost:	Inspection of the detention facility will be needed on a periodic basis. Routine maintenance includes removal of sediment, mowing, and removal of undesirable vegetation (for ponds) in years following installation.

Nintendo / Microsoft Regional Conveyance and Detention (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost				\$40,000	\$135,000	\$435,000	\$610,000
<u>Total Project Revenues:</u>							
Stormwater CIP				\$40,000	\$135,000	\$435,000	\$610,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Willows Business Park 92 nd
Project Cost:	\$180,000
Project Location:	15200 NE 92 nd Street
Project Description:	<p>This area is subject to frequent nuisance flooding. Many private parking lots are affected by a general system backup. Those businesses and properties located at essentially stream elevation are most affected. Once the stream is at capacity, the City can only issue sandbags. Dredging of the stream has been one solution in the past.</p> <p>Evaluate the design of the existing system and consider modifying the outlets by moving discharge points downstream or installing flap gates or other one-way valves to prevent Peters Creek from backing up in the system. Determine feasibility of providing additional detention or conveyance from this area.</p>
Project Schedule:	Design in 2009 and construction in 2010.
Project Justification:	Project is needed to reduce/eliminate the nuisance flooding of private parking areas and businesses. City may have potential liability for property damage.
Description of M&O Cost:	Annual costs would be minimal. Yearly inspection of structures. Vactor structures and clean pipe as needed based on inspection results. This project may actually reduce maintenance costs as the response to flooding will be reduced or eliminated.

Willows Business Park 92nd (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$20,000	\$160,000	\$180,000
<u>Total Project Revenues:</u>							
Stormwater CIP					\$20,000	\$160,000	\$180,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: Willows Business Park 95th

Project Cost: \$170,000

Project Location: 15200 NE 92nd Street

Project Description: This area is subject to frequent nuisance flooding. Many private parking lots are affected by a general system backup. Those businesses and properties located at essentially stream elevation are most affected. Once the stream is at capacity, the City can only issue sandbags. Flooding in this area may be exacerbated by the designed overflows to Peters Creek and the Sammamish River. Dredging of the stream has been one solution in the past. Determine feasibility of providing additional detention or conveyance from this area.

Project Schedule: Design in 2009, construction in 2010.

Project Justification: Project is needed to reduce/eliminate the nuisance flooding of private parking areas and businesses. City may have potential liability for property damage.

Description of M&O Cost: Annual costs are expected to be minimal. Routine maintenance includes yearly inspection of structures. Vactor structures and clean pipe as needed based on inspection results. This project may actually reduce maintenance costs as the response to flooding will be reduced or eliminated.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$45,000	\$125,000	\$170,000
<u>Total Project Revenues:</u>							
Stormwater CIP					\$45,000	\$125,000	\$170,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NEW NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Peters Creek Trunkline Retrofit
Project Cost:	\$85,000
Project Location:	Old Redmond Road between NE 150 th St. and NE 151 st St.
Project Description:	<p>In 1996, a high flow trunkline was built to divert high flows from the west area of the basin out of Peters Creek and directly into the Sammamish River. It was intended to redirect some of those low flows back into Peters Creek after the construction of the stream improvements was finished. For reasons not yet determined, the trunkline was constructed as a separate system. Reconstruction is needed to redirect some flows back into Peters Creek. Channel improvement was completed in 2003, with some repair work and planting scheduled for early 2004. Some residents are upset over the lack of flow in the stream, especially during the summer. Fish, including chinook, use the lower reaches of Peters Creek for rearing and spawning. There are no flooding issues associated with this project. Summer base flow would be increased by diverting some of the western drainage area back into the creek. The project is located within City right-of-way.</p>
Project Schedule:	Design in 2010.
Project Justification:	<p>With the original Peters Creek Trunkline project in 1997 much of Peters Creek base stream flow was diverted directly to the Sammamish River along with the storm flows that the pipe was intended to control. This was necessary to reduce flow in the natural channel so that stabilization work could be done on the channel. We have accomplished all the stabilization work and by 2008/2009 the plantings will be established enough that the baseflow should be reintroduced. This was always an intended element of the original project and is a required element of the permitting agencies.</p>
Description of M&O Cost:	Typical maintenance includes cleaning sediment from control structure and inspecting system.

Peters Creek Trunkline Retrofit (continued)

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost						\$85,000	\$85,000
<u>Total Project Revenues:</u>							
Stormwater CIP						\$85,000	\$85,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: Anderson Park Well Head Protection

Project Cost: \$237,500

Project Location: Neighborhood surrounding Anderson Park

Project Description: A large area around Anderson Park drains to dry well systems (infiltration) which may be contamination risk to City Wells No. 1 and 2 in the park. The dry well system around the park is inadequately designed to handle the public stormwater discharge for the area. Construct a piped conveyance system that will discharge stormwater flows away from the wellhead area. Project includes approximately 600 feet of stormwater pipe and approximately 850 feet of curb and gutter and 1,800 feet of thickened edge.

Project Schedule: Design in 2005, construction in 2006.

Project Justification: Project is needed to eliminate potential contamination risk to City drinking water wells 1 and 2.

Description of M&O Cost: Maintenance costs are anticipated to be minimal. Routine maintenance includes yearly inspection of structures and cleaning of pipes and structures with a vacuum as needed based on inspection results.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$70,000	\$167,500					\$237,500
<u>Total Project Revenues:</u>							
Stormwater CIP	\$70,000	\$167,500					\$237,500
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Peters Creek Culvert Replacement, NE 87 th St. (Increase)
Project Cost:	\$118,863 (total project cost \$520,000)
Project Location:	Main stem crossing at NE 87 th Street
Project Description:	In July of 1994, the twin 48" culverts became partially blocked by sediment and overflowed NE 87 th Street, flooding the roadway and storage business across the street. Since then significant ongoing maintenance is required to minimize flooding potential. Replace the twin culverts under NE 87 th Street with a single bottomless box or arch culvert with headwalls. Remove non-native ivy to aid in inspection. Provide low bank stabilization and improve in-stream habitat and riparian areas in streambank. Add large woody debris such as root wads; install log weirs, rock weirs, and deflectors. Construct toe protection and plant native vegetation.
Project Schedule:	Construction in 2005
Project Justification:	Increase needed to support changes in permitting requirements to meet Endangered Species requirements.
Description of M&O Cost:	Ongoing maintenance costs will be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$118,863						\$118,863
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase	\$118,863						\$118,863
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name:	Idylwood Stream Upper Reach (Increase)
Project Cost:	\$353,737 (total project cost \$724,000)
Project Location:	South (upstream) of West Lake Sammamish Parkway, between NE 36 th Street and NE 28 th Street.
Project Description:	Bioengineering stream bank stabilization for 800 lineal feet of upper reach of Idylwood Stream. Partially funded through a low-interest loan from the Department of Ecology.
Project Schedule:	Construction in 2005
Project Justification:	Increase needed to support changes in permitting requirements to meet Endangered Species requirements. Additional costs for easements and landscaping mitigation on private property to repair creek egress.
Description of M&O Cost:	Ongoing maintenance costs will be minimal.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$353,737						\$353,737
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase	\$353,737						\$353,737
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

INCREASE – NATURAL RESOURCES CIP PROJECT DESCRIPTION

Project Name: 116th Culvert & Stream Relocation at Fischer (Increase)

Project Cost: \$40,000 (total project cost \$250,000)

Project Location: This project is located on NE 116th Street in the vicinity of the Fischer Village development.

Project Description: Approximately 400 lineal feet of this Class 3 stream has been diverted into a roadside ditch which parallels a section of NE 116th Street along its south edge. Project involves relocating the stream away from the roadway, installing wood structures and streambed gravel, planting with native vegetation, wetland enhancement, and replacing the culvert crossing under NE 116th Street in conjunction with the road widening proposed by the Transportation division.

Project Schedule: Design in 2008, construction in 2009.

Project Justification: Increase needed for minor changes to culvert area to accommodate future roadway alignment.

Description of M&O Cost: Negligible

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost					\$40,000		\$40,000
<u>Total Project Revenues:</u>							
Stormwater CIP - Increase					\$40,000		40,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	0						0
Total Ongoing M&O	\$0						

UPD CONSTRUCTION FUND
2005-2010 CAPITAL INVESTMENT PROGRAM

	(Memo Only)							Total
	Previous Biennium	2005	2006	2007	2008	2009	2010	2005-2010
Revenue								
Beginning Fund Balance	\$49,469	\$2,382,075	\$3,385,170	\$4,601,166	\$5,835,456	\$6,946,085	\$8,132,638	\$2,382,075
Transfer from Operations [1]		75,000	75,000	75,000	75,000	75,000	75,000	450,000
Interest Earnings--Unrestricted					1,500	3,030	4,591	9,121
Depreciation Reserve Funding [2]	2,339,096	955,453	1,151,320	1,076,583	932,375	986,684	1,018,087	6,120,502
Interest Earnings--Depreciation	52,244	47,642	64,676	82,707	101,754	121,839	124,276	542,894
Redmond Regional Connect Fee [3]	1,725,280							0
Total Revenues	4,166,089	3,460,170	4,676,166	5,835,456	6,946,085	8,132,638	9,354,592	9,504,592
Current Water Projects								
Cascade Water Alliance Connection Fee	1,725,280							0
Proposed Projects								
Water System Security Improvements		75,000	75,000					150,000
Completed Projects								
Lake Tapps Assessment	18,734							
Utility IS Infrastructure	40,000							
Total Expenditures	1,784,014	75,000	75,000	0	0	0	0	150,000
Ending Fund Balance	\$2,382,075	\$3,385,170	\$4,601,166	\$5,835,456	\$6,946,085	\$8,132,638	\$9,354,592	\$9,354,592
Ending Fund Balance Detail								
Ending Balance - Restricted Funds	2,382,075	3,385,170	4,601,166	5,760,456	6,794,585	7,903,108	9,045,471	9,045,471
Ending Balance - Unrestricted Funds	0	0	0	75,000	151,500	229,530	309,121	309,121
Total Ending Fund Balance	\$2,382,075	\$3,385,170	\$4,601,166	\$5,835,456	\$6,946,085	\$8,132,638	\$9,354,592	\$9,354,592

NOTES:

[1] For 2007-2010, the transfers from operations represent resources being provided to meet potential capital needs (e.g. system improvements and extensions that are not being provided by the developer).

[2] Per 2004 rate study.

[3] Due to a change in City Accounting Policy, Regional Connection Fee revenues are recorded in the UPD Operations & Maintenance Fund.

NEW UPD CIP PROJECT DESCRIPTION

Project Name:	UPD Water System Security Improvements
Project Cost:	\$150,000
Project Location:	Water reservoirs and pump stations
Project Description:	Security improvements at water facilities as recommended by Vulnerability Assessment.
Project Schedule:	Add to facilities during 2005 and 2006.
Project Justification:	Lessen vulnerability of water system.
Description of M&O Cost:	Maintenance and monitoring of security system estimated at approximately \$12,000 to \$28,000. Included as a separate program in operating fund.

	2005	2006	2007	2008	2009	2010	Total 2005-2010
Total Project Cost	\$75,000	\$75,000					\$150,000
<u>Total Project Revenues:</u>							
UPD CIP	\$75,000	\$75,000					\$150,000
<u>Ongoing M&O Costs:</u>							
<i>Staffing:</i>							
Number of FTEs	0.00						0.00
Salary/Benefit Costs	\$0						\$0
Operating Costs	12,000	27,000	12,360	27,810	12,731	28,644	120,545
Total Ongoing M&O	\$12,000	\$27,000	\$12,360	\$27,810	\$12,731	\$28,644	\$120,545