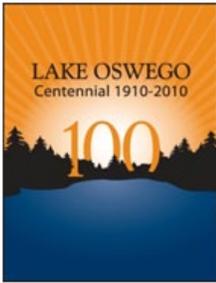


City of LAKE
OSWEGO
OREGON

CAPITAL IMPROVEMENT PLAN FY 2010/11 - 2014/15



Adopted August 3, 2010



CITY OF LAKE OSWEGO

CITY MANAGER'S OFFICE

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Lake Oswego, OR 97034

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June 26, 2010

Mayor Hoffman and Members of the City Council
City of Lake Oswego
380 A Avenue
Lake Oswego, OR 97034

Dear Mayor Hoffman and Members of the City Council:

As the City adjusts to the New Normal, it is critical that departments continue to work together to leverage our resources. This proposed Capital Improvement Program (CIP) is a 5-year forecast of capital investment into our community and represents a cooperative effort across the entire organization. For many staff members, this is their second opportunity to work through the CIP process. This time around, there has also been a greater effort to involve the community. As with many CIP documents, what becomes obvious is that our community's capital needs outweigh our ability to fund all of them.

This document focuses on Fiscal Year (FY) 2010-11, with the out years (FY 2012-15) shown for illustrative purposes only. Your Council adopted the FY 2010-11 portion of the CIP on June 15, 2010 when the City's budget was adopted.

Background

The proposed 2010/11 – 2014/15 CIP amounts to more than \$59 million in funded investments, \$338.2 million in identified unfunded improvements for FY 2011/12 – FY 2014/15, and \$37 million in unfunded improvements for projects beyond FY 2014/15. To be eligible for inclusion in the CIP, a project must have a cost of at least \$10,000, have a useful life of more than three years, and result in the creation or revitalization of a capital asset. The program allows for the consideration of a magnitude of projects at a single time so that a more comprehensive view can be taken of the community's capital needs and to strategically plan the City's response. This year, there was an enhanced effort to create a more comprehensive document. One of the improvements was the addition of four new sections: Large Capital Equipment, Plan Updates, Lake Oswego Redevelopment Agency (LORA), and Future Projects Beyond 2015. These sections help to paint a complete picture of improvement needs with the inclusion of vehicle purchases, major plan updates, LORA projects, and projects that are more than five years out.

For the second year, the Public Works Department was tasked with coordinating the CIP effort among all City departments. By having a multi-departmental approach, it is anticipated that stakeholder interests will be better met, while implementing cost efficiencies, achieving superior project delivery, and minimizing construction impacts to the community.

Document Overview/Highlights

The CIP contains an introduction, program narratives, cost summaries and individual project worksheets. The 10 program categories are listed below with the total funded amounts as adopted in the FY 2010-11 Budget:

• Parks and Open Space	\$ 252,000
• Transportation	
o Roadway Pavement Improvements	\$ 1,130,000
o Intersections	\$ 45,000
o Pathways	\$ 448,000
o Bicycle Pedestrian Pathways	<u>\$ 105,776</u>
Sub-Total	\$ 1,728,776
• Utilities	
o Water	\$ 1,063,000
o LO/Tigard	\$ 8,120,000
o Surface Water	\$ 305,000
o Wastewater	\$ 2,285,000
o Lake Oswego Interceptor Sewer (LOIS)	<u>\$42,000,000</u>
Sub-Total	\$53,773,000
• Facilities	\$ 20,000
• Miscellaneous Capital	\$ 87,000
• Large Capital Equipment	\$ 429,000
• Plan Updates	\$ 664,000
• Lake Oswego Redevelopment Agency (LORA)	\$ 2,070,000
• Future Projects Beyond 2015	

The CIP document is intended to provide general information regarding capital projects, including project descriptions, justifications, costs, funding sources, and prioritization. The introduction provides an overview of the prioritization criteria utilized to evaluate projects. The “sustainability” or “triple bottom line” perspective considers the social, economic and environmental impact of projects is the basis on which evaluation criterion were developed. Additionally, “Owner/Operator” considerations were factored in the evaluations, and include grant-funding opportunities, were mandated, already in progress, identified by Master Plans and Community priorities, necessary for health and safety, or produced the lowest life-cycle costs for services.

Highly Summarized

The projects recommended in the Proposed Fiscal Year 2010-11 Capital Improvement Program represent the City’s continuing commitment to invest in our capital assets and facilities for the benefit of the public and our employees. City staff remains committed to the search for outside grant funding from Federal, State, and regional sources to supplement the City’s budget and further enhance our facilities and infrastructure. Our collaboration will continue to ensure that capital funding will be allocated appropriately and implemented on projects that will provide the greatest benefit to the City of Lake Oswego.

Sincerely,



ALEX D. MCINTYRE
City Manager

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Councilor Kristin Johnson, Council President
Councilor Sally Moncrieff
Councilor Mary Olson
Councilor Bill Tierney

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Julia Glisson, Vice Chair
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Funded						
Foothills Boat Dock	222,000					222,000
Iron Heritage Trail	30,000					30,000
Unfunded						
Dog Park		39,000				39,000
East Waluga Park Picnic Shelter & Snack Shack					46,000	46,000
East Waluga Park Playground				70,000		70,000
Freepons Park Playground Replacement					55,000	55,000
George Rogers Park Bathroom & Storage Replacement		50,000	478,000			528,000
George Rogers Park Tennis Court Repair		50,000				50,000
George Rogers Park-Ladd Street & Phase 5 & 6 of MP		2,894,000				2,894,000
Greentree Park Playground Replacement				45,000		45,000
Pilkington Park Restrooms					182,000	182,000
Westlake Baseball Field Replacement				49,000		49,000
Westlake Park Storage Building Repairs				25,000		25,000
Westridge Playground Replacement					65,000	65,000
Westridge Park Sidewalk				40,000		40,000
Total	252,000	3,033,000	478,000	229,000	348,000	4,340,000

Transportation

Roadways	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Annual Pavement Preservation Program	1,130,000	1,240,000	1,240,000	1,240,000	1,240,000	6,090,000
Unfunded						
B Avenue Storm System and Street Upgrade			165,000			165,000
Blue Heron Rd Roadway Improvements		129,000	716,000			845,000
Boones Ferry Rd Improvements			500,000	15,500,000		16,000,000
Boones Ferry Rd Rehabilitation			228,000	1,333,000		1,561,000
Citywide Reflectorized & Raised Pavement Marker Program		30,000	5,000	5,000	30,000	70,000
Kerr Parkway Repaving Project		203,000	1,250,000			1,453,000
Lake Oswego Transit Center Roadway Rehabilitation		138,000	812,000			950,000
Lakeview Blvd Roadway Improvements			270,000	1,650,000		1,920,000
Stampher Road LID			20,000	45,000	345,000	410,000
Westlake Drive Repaving		92,000	395,000			487,000
Total	1,130,000	1,832,000	5,601,000	19,773,000	1,615,000	29,951,000

Intersections	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Citywide Intersection Signalization Improvements	24,000	24,000	24,000	24,000		96,000
Refurbish Wooden/Street Signs	21,000					21,000
Unfunded						
6-Corner Intersection Alignment Improvements		75,000	52,000			127,000
Traffic Sign Retroreflectivity		68,000	57,000	95,000	95,000	315,000

PROJECT SUMMARIES

	Total	45,000	167,000	133,000	119,000	95,000	559,000
Pathways	2010-11	2011-12	2012-13	2013-14	2014-15	Total	
Funded							
ADA Sidewalk Ramp Retrofit Program	63,000	100,000	100,000	100,000	100,000		463,000
Chow Corner Reg Sidewalk	290,000						290,000
Cook's Butte Trail Construction	60,000						60,000
Pilkington-McEwan Pathway	35,000						35,000
Unfunded							
Boca Ratan Pathway		35,000					35,000
Canyon Dr Neighborhood Pathway		35,000	120,000				155,000
Carman Dr Kruse Way to I-5				80,000	570,000		650,000
Carman-Boones Ferry Stairway Replacement		140,000					140,000
Cherry Lane Neighborhood Pathway		100,000					100,000
Childs Rd-Canal Acres to Sycamore Pathway				55,000	195,000		250,000
Cornell-Hemlock to Bergis Pathway					315,000		315,000
Daniel Way Pathway		90,000					90,000
E Ave Neighborhood Pathway				290,000			290,000
Fernwood D - Mapeleaf to Greentree Ave				55,000	195,000		250,000
Fernwood Dr-Tree Top Lane Community Pathway			90,000	340,000			430,000
Fir Ridge Rd Sidewalk		20,000	85,000				105,000
Firwood Rd Neighborhood Pathway		70,000	255,000				325,000
Glenmorrie Dr-Hwy 43 to Old River Rd			65,000	235,000			300,000
Goodall-Knaus to Country Club Pathway				90,000	310,000		400,000
Greentree Rd Community Pathway			50,000	165,000			215,000
Kelok Neighborhood Pathway				38,000	88,000		126,000
Kerr Parkway Pathway		175,000					175,000
Knaus Rd-Boones Ferry Rd to Country Club Rd Pathway				115,000	450,000		565,000
Kruse Way Pathway		134,000					134,000
Lake Oswego to Portland Trail				4,500,000	7,800,000		12,300,000
Lakeview-Iron Mountain Blvd				140,000	760,000		900,000
Lanewood St-Douglas Circle Pathway			55,000	195,000			250,000
Laurel St-Hallinan St to Cornell St Pathway		100,000	1,320,000				1,420,000
Library to ACC Pathway		12,000	53,000				65,000
Meadowlark Lane-Overlook Dr to Ridge Pointe Dr			25,000	85,000			110,000
Mercantile Dr Local Pathway				50,000			50,000
Oak St-McVey Ave to Palisades Terrace Dr Pathway					130,000		130,000
Palisades Crest Dr Neighborhood Pathway				40,000	135,000		175,000
Reese-Lakeview Pathway Rehab		29,000					29,000
Roehr Park Pathway Repair-Upgrade			45,000	345,000			390,000
Rosemont Trail-Phase 2		450,000					450,000
Small Infill Pathways and Sidewalks		100,000					100,000
Street Tree-Sidewalk Conflicts "Toolbox"		53,000					53,000
State Street Streetscape				30,000	500,000		530,000
Timberline-Knaus to Bonniebrae Dr Sidewalk				70,000	255,000		325,000
Tryon Creek Pedestrian Bridge				300,000			300,000
Twin Fir Rd Upper Dr - Boones Ferry Rd				190,000	1,010,000		1,200,000
Waluga Dr Neighborhood Pathway				55,000	125,000		180,000
Washington Court Pathway			55,000	95,000			150,000
Westview Dr-Greentree Rd & South Shore Blvd				175,000	575,000		750,000

PROJECT SUMMARIES

Total	448,000	1,643,000	2,318,000	7,833,000	13,513,000	25,755,000
Bicycle Pedestrian Pathways						
	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Citywide Bicycle-Pedestrian Pathway Repair and Maintenance	105,776					105,776
Total	105,776	0	0	0	0	105,776
Transit						
	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Unfunded						
Lake Oswego to Portland Transit Improvements		6,000,000				6,000,000
Total	0	6,000,000	0	0	0	6,000,000
Water						
	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Annual Water Main Rehabilitation	867,000					867,000
Cathodic Protection Evaluation and Upgrades	19,000	112,000	195,000			326,000
Distribution Pump Efficiency Upgrades	38,000	118,000	93,000			249,000
Fire Hydrant Upgrade-Replacement Program	34,000	34,000	34,000	34,000	34,000	170,000
Paired Reservoir Balance Project	25,000	75,000	100,000			200,000
Summit Reservoir Overflow Line	20,000	200,000				220,000
Water Age Modeling Project	60,000	60,000				120,000
Unfunded						
PRV Stations Inspect and Rebuild Program		71,000				71,000
Southshore Water Reservoir Landscaping Rehabilitation			75,000			75,000
Water Conservation Garden		100,000	50,000			150,000
Water Loss Audit		75,000	65,000	65,000		205,000
Total	1,063,000	845,000	612,000	99,000	34,000	2,653,000
Lake Oswego-Tigard Water Supply Expansion						
	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Lake Oswego-Tigard Water Supply Expansion	8,120,000	10,261,000	36,130,000	72,559,000	64,121,000	191,191,000
Total	8,120,000	10,261,000	36,130,000	72,559,000	64,121,000	191,191,000
Surface Water						
	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Drainage Improvements in conjunction with Lake Drawdown	228,000					228,000
Small Works Drainage Improvements	77,000	77,000	77,000	77,000	77,000	385,000
Unfunded						
Annual Maintenance-Past Steam Restoration Projects		28,000	28,000	28,000	28,000	112,000
Ash Street Deep Culvert Replacement		140,000				140,000
B Ave Storm System and Street Upgrade			804,000			804,000

PROJECT SUMMARIES

Blue Heron Roadway Improvements		73,000	403,000			476,000
Surface Water (cont.)	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Unfunded						
Catch Basin Retrofit		77,000	77,000	77,000	77,000	308,000
D Ave Storm Drainage Infrastructure Improvements				539,000		539,000
Dolph Ct-Country Club Culvert Crossings					281,000	281,000
Eena Road Drainage Improvements					130,000	130,000
Lakeview Blvd Roadway Improvements-Street & Stormwater Upgrades			108,000	660,000		768,000
On-Site Stormwater Mitigation Grants		29,000	29,000	29,000	29,000	116,000
Outfall Inventory and Restoration		77,000	77,000	77,000	77,000	308,000
Private Stream Rehabilitation-Resource Grant Program		29,000	29,000	29,000	29,000	116,000
Rockinghorse Lane Drainage Improvements					230,000	230,000
Sediment Basin Evaluation and Retrofits		184,000				184,000
Springbrook Creek Culvert Evaluation		222,000				222,000
Underground Injection Control (UIC) Evaluation, Permitting and Retrofits		104,000	104,000	104,000	104,000	416,000
Water Reservoir Disconnect				104,000		104,000
Total	305,000	1,040,000	1,736,000	1,724,000	1,062,000	5,867,000
Wastewater	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Annual Wastewater Rehabilitation	150,000	150,000	150,000	150,000	150,000	750,000
Hazel Road Wastewater Imp -vicinity of Johnson Terrace	14,000					14,000
Install 38 Backflow Devices	122,000					122,000
Lake Forest Creek Wastewater Imp-vicinity Lake Forest Dr	375,000					375,000
Marylhurst Pump Station Upgrade	455,000					455,000
Pump Station Upgrades	527,000					527,000
Ridgewood Road - STEP System Removal	213,000					213,000
Wastewater Imp-vicinity of First and Second St Alley Way	311,000					311,000
Woodside Circle Wastewater Improvements	118,000					118,000
Unfunded						
Alley Way WW Imp- vicinity of Kenwood, Lakewood			208,000			208,000
Atwater Lane Collection System Extension					195,000	195,000
Backyard WW Imp-vicinity of Oak and Conifer				208,000		208,000
Country Club Rd WW Imp-Iron Mountain Blvd to 10th		506,000				506,000
Fifth St WW Imp - vicinity of Evergreen & Lake Bay		390,000				390,000
Iron Mountain Sanitary Sewer Bridge-Tryon Creek		140,000				140,000
Lake Shore WW Imp-vicinity of 1045 Lake Shore Rd				286,000		286,000
North Shore WW Imp-vicinity of 1500 N Shore Rd				59,000		59,000
Sixth St WW Imp- vicinity of Evergreen and Ellis			173,000			173,000
State St WW Imp -vicinity north of McVey		351,000				351,000
WW Treatment Plant Vactor Waste Facility Modifications			25,000	50,000	455,000	530,000
Total	2,285,000	1,537,000	556,000	753,000	800,000	5,931,000

PROJECT SUMMARIES

Lake Oswego Interceptor Sewer (LOIS)	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded	42,000,000	10,650,000	2,800,000			55,450,000
Total	42,000,000	10,650,000	2,800,000	0	0	55,450,000

Facilities	2010-11	2011-12	2012-13	2013-14	2014-15	Total
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Funded

City Hall- Lower Parking Lot Security System	20,000					20,000
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Unfunded

Adult Community Center-Facility Repairs		126,000	53,000	45,000		224,000
City Hall Parking Lot - Repair Retaining Wall		26,000				26,000
Eastside Park Maintenance Workshop					65,000	65,000
Fire Station 210-Westlake Carpet Replacement		30,000				30,000
Fire Station 210-Westlake Retaining Wall		15,000				15,000
Fire Station 211-Jean Rd Carpet Replacement		25,000				25,000
Fire Station 211-Jean Rd Front Ramp Replacement		25,000				25,000
Fire Station 211-Jean Rd Roof Replacement		50,000				50,000
Luscher Farmhouse and Barn Roof Replacement		25,000				25,000
Maintenance Facilities Replacement		133,000	371,000	6,173,000	11,323,000	18,000,000
New Police Station, LOCOM & Municipal Court			9,400,000			9,400,000
Outdoor Lighting Retrofit		42,000				42,000
WEB-Ceiling Tile Replacement		411,000				411,000
WEB - Cooling Tower Repair/Replacement		25,000				25,000
WEB-Elevator Upgrade		100,000				100,000
WEB-Generator		435,000				435,000
WEB-Interior Painting		56,000				56,000
WEB-New Direct Digital Control System		23,000				23,000
WEB- North End Drainage Upgrades		33,000				33,000
WEB-Paint and Power Wash		60,000				60,000
WEB-Parking Lot Reseal		17,000				17,000
WEB-Recarpet		598,000				598,000
WEB-Replace existing Boiler		35,000				35,000
WEB-Window Repair		17,000				17,000
Worker's Cottage Rehabilitation		200,000				200,000
Total	20,000	2,507,000	9,824,000	6,218,000	11,388,000	29,957,000

Miscellaneous Capital	2010-11	2011-12	2012-13	2013-14	2014-15	Total
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Funded

Audio Logger	75,000					75,000
Percent for Art	12,000					12,000

Unfunded

Computerized Maintenance Management System Upgrade		84,000	1,332,000	15,000		1,431,000
Firefighter Turnout Washer		12,000				12,000
Lake Grove Village Center Improvements		200,000	200,000	200,000	400,000	1,000,000
Lake Grove Village Center Parking Improvements		2,000,000	2,000,000	2,000,000	200,000	6,200,000
LifePak 12 Defibrillator Program			250,000			250,000

PROJECT SUMMARIES

Mountain Park Street Lighting Conversion		50,000	50,000	50,000		150,000
Miscellaneous Capital (cont.)	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Unfunded						
Neighborhood Capital Improvements		200,000	200,000	200,000	200,000	800,000
Public Safety Systems Upgrade-CAD Mobile Data		80,000	2,040,000	90,000		2,210,000
Public Safety Systems Upgrade: Radio		300,000	320,000	1,500,000		2,120,000
Grand Total	87,000	2,926,000	6,392,000	4,055,000	800,000	14,260,000
Large Capital Equipment						
Funded						
4-WD Vehicle Water Conservation Program	35,000					35,000
Assistant Fire Chief's Vehicle Replacement	32,000					32,000
Dump Truck-Plow-Sander Replacement	189,000					189,000
Flat Bed 2-Ton Truck Replacement	86,000					86,000
Police Vehicle Replacement Schedule	87,000	188,000	216,000	179,000	185,000	855,000
Unfunded						
2014 Street Sweeper Replacement					221,000	221,000
Annual Small Truck Replacements		35,000	56,000	88,000	60,000	239,000
Battalion Chief Vehicle Replacement		60,000				60,000
Camera Van Replacement		168,000				168,000
Deputy Fire Marshal Vehicle Replacement					35,000	35,000
Dive Rescue Emergency Response Vehicle Replacement					184,000	184,000
Facilities-Vehicle Replacement		35,000				35,000
Fire Chief's Vehicle Replacement					29,000	29,000
Fire Marshall's Vehicle Replacement		27,000				27,000
Golf Course Maintenance Equip Replacement Schedule		30,000		32,000		62,000
High Pressure Cleaner (HPC) Replacement Stormwater				243,000		243,000
Ladder Truck Emergency Response Replacement Vehicle				1,043,000		1,043,000
Park Maintenance Equip Replacement Schedule		155,000	50,000	30,000	60,000	295,000
Parks & Rec Vehicle Replacement Schedule		120,000	80,000	50,000	60,000	310,000
Street Sweeper Replacement		201,000				201,000
Vehicle Replacement Schedule-Eng, Division		60,000	60,000	60,000	35,000	215,000
Water Rescue Boat Replacement			73,000			73,000
Total	429,000	1,079,000	535,000	1,725,000	869,000	4,637,000
Lake Oswego Redevelopment Agency (LORA)						
Funded						
Lake Oswego Lakefront Park	1,800,000					1,800,000
North Shore/State St Intersection Improvements	105,000					105,000
Public Improvement and Beautification	165,000					165,000
Unfunded						
B Ave Village Anchor Street		5,000,000				5,000,000
Block 137 (Wizers)			2,000,000	1,000,000		3,000,000
Block 45 (Safeway)					3,200,000	3,200,000
Lake Oswego Transit Center Roadway Rehabilitation		138,000	812,000			950,000
North Anchor			26,000			26,000
Second Street			800,000			800,000
Willamette Steps/Transit Center			2,600,000	2,000,000		4,600,000

PROJECT SUMMARIES

Total 2,070,000 5,138,000 6,238,000 3,000,000 3,200,000 19,646,000

Plan Updates	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Hydromodification Assessment Plan	58,000	58,000				116,000
Parks and Recreation Comprehensive Plan	250,000					250,000
Stormwater (MS4) Retrofit Assessment Plan	29,000	29,000				58,000
Stormwater Design Manual and Code Consolidation	202,000					202,000
Transportation System Plan	125,000	125,000				250,000
Total	664,000	212,000	0	0	0	876,000

Total 2010/11-2014/15 CIP \$397,178,776

Future Projects	2015-20	2020-25	2025-30	2030-5	2035+	Total
City Hall		25,000,000				25,000,000
State St Improvements						
State St - Tryon Creek Bridge		12,000,000				12,000,000

Addendum	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Unfunded						
Golf Course Driving Range		1,200,000				1,200,000
Indoor Tennis Center		6,500,000				6,500,000
Replace South Shore Fire Station				410,000	2,390,000	2,800,000
WEB-Chiller Replacement		270,000				270,000
Total	0	7,970,000	0	410,000	2,390,000	10,770,000

PROJECT SUMMARIES

City of Lake Oswego Capital Improvement Program (CIP)

Introduction

The Capital Improvement Program (CIP) is intended to be a 5-year forecast that identifies major projects that require the expenditure of public funds over and above routine annual operating expenses. The needs of the Capital Improvement Program are identified through a variety of sources, including Master Plans, City Council goals, operational (i.e. service delivery) needs and regulatory obligations. The CIP identifies and allocates available funds for the installation or improvement of public infrastructure projects for each relevant program area. The program areas included within the CIP are:

1. Parks and Open Space
2. Transportation
 - a) Roadway Pavement Improvements
 - b) Intersections
 - c) Pathways
 - d) Bicycle Pedestrian Pathways
 - e) Transit
3. Utilities
 - a) Water
 - b) LO/Tigard
 - c) Surfacewater
 - d) Wastewater
 - e) Lake Oswego Interceptor Sewer (LOIS)
4. Facilities
5. Large Capital
6. Miscellaneous Capital
7. Lake Oswego Redevelopment Agency (LORA)
8. Plan Updates
9. Future Projects

City of Lake Oswego's CIP funding sources/revenues include utility rates, state gas tax and vehicle registration fees, grants, System Development Charges (SDCs) and developer fees. These revenues are projected on an annual basis, taking into account current and potential development activity, rate adjustments, and state assistance. Revenues are inadequate to fund all projects that are needed. In addition, many revenues have constraints as to what projects the funds can and cannot be used on. Projects are prioritized based on the criteria as specified in a later section.

Program Area Descriptions

1. Parks and Open Space – provides for the planning, design and construction of improvements to the City's open space and park site land acquisition and park and greenway development.
2. Transportation – provides for the planning, engineering and construction of improvements to the City's transportation systems that safely preserve existing infrastructure, increase roadway capacity, improve mobility and/or enhance neighborhood livability. This program area includes roadways, intersections, pathways and transit.
3. Utilities - provides for the planning, design and construction of improvements to the City's public utilities. This program area includes water treatment and distribution systems, the Lake

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Oswego/ Tigard Water Supply Expansion Partnership Project, surface water conveyance and water quality systems, wastewater collection and conveyance systems and the Lake Oswego Interceptor Sewer (LOIS) project.

4. Facilities – provides for planning, design, construction and/or rehabilitation of the City’s building and accessory facilities outside traditional public works infrastructure.
5. Large Capital Equipment – provides for major equipment and vehicles necessary for efficient and effective delivery of city services.
6. Miscellaneous Capital – provides for the planning, design, construction, and/or purchase of other public capital investments including vehicles (or large vehicle related), communication and computer systems, neighborhood plan capital improvements and equipment (i.e. survey, mobile data, etc.).
7. Lake Oswego Redevelopment Agency (LORA) – provides planning, design and construction of urban renewal projects for the Lake Oswego Redevelopment Agency (LORA). LORA was created in 1979 to coordinate the revitalization of downtown (East End) Lake Oswego; and in 1986 approved its urban renewal plan (Redevelopment Plan and Report).
8. Plan Updates – provides for a comprehensive evaluation of the infrastructure necessary to ensure that future investment for public utility, transportation, park, building facility and or other services will result in sustainable, lowest life-cycle costs for current and future residents and businesses.
9. Future Projects – provides a glimpse into the future beyond 5-years of projects (i.e. infrastructure investment) necessary to support community goals and services.

Definitions

1. Bond Funds – Funds used to account for the revenue received through the issuance of City bonds. Issuing bonds is not only a common practice among cities; it is the primary and most widely accepted method of funding large capital projects for municipalities throughout the nation.
2. Capital Improvement Project – A specific undertaking involving procurement, construction or installation of facilities or related equipment which improves, preserves, enhances or modernizes the City’s provision of municipal services, has a useful life of multiple years, and costs in excess of \$10,000.
3. Construction Costs – Cost estimates for all construction related tasks required to place a project in service. This includes project construction contracts, professional and technical assistance, advertising, legal and technical documentation, costs, inspections, testing, and permitting.
4. Design Costs – Cost estimates of identifying project options, developing a project scope, conducting feasibility analyses, and creating plans, specifications and estimates for a capital improvement.
5. Developer Fees – Fees assessed to developers to mitigate the costs associated with conducting preconstruction and plan reviews, issuing street opening and encroachment permits, and inspecting buildings.
6. Economic Life – The period from the acquisition of the asset to the time when the asset, while physically able to provide a service, ceases to be the lowest cost alternative to satisfy a particular level of service.
7. Fiscal Year (FY) – A time period designated by the City signifying the beginning and ending period for recording financial transactions. The City of Lake Oswego has a fiscal year of July 1 to June 30.

8. Grant Funds – Funds used to account for revenue awarded from federal, state, local or other sources.
9. Infrastructure Assets – Stationary systems forming a network and serving whole communities, where the system as a whole is intended to be maintained indefinitely at a particular level of service potential by the continuing replacement and refurbishment of its components.
10. Life-Cycle Cost – The total cost of an asset throughout its life including planning, design, construction, acquisition operation, maintenance, rehabilitation, and disposal costs.
11. Level of Service – The defined service quality for a particular activity or service area against which service performance may be measured.
12. Operating Funds – Funds used to account for revenue and expenditures related to the cost of operating and maintaining the particular project or system.
13. Project Administrative Costs – Cost estimates of staff time and office resources to complete the project, which includes salaries, benefits and office materials.
14. Policy – Guiding principle that defines the underlying rules which are used to direct subsequent decision-making processes.
15. Pre-Design Report – This report is developed, as necessary, at the beginning phase of the project to identify project requirements, project’s work scope, permitting requirements, data collection, public involvement, legal and technical documentation, cost estimates, environmental impacts, and assessment of alternatives.
16. Priority – The project’s place in the preferential rating system as determined by the Sustainability Criteria and the Owner/Operator Lens Evaluation.
17. Program Area – There are nine categories that all projects fall under in the CIP. The areas are Parks and Open Spaces, Transportation, Utilities, Facilities, Miscellaneous Projects, Large Capital Equipment, Plan Updates, Lake Oswego Redevelopment Agency (LORA), and Future Projects.
18. Project Costs – An estimate of the resources required to complete the capital project as described on the project description page. Many of the project costs shown in the CIP Plan are preliminary in nature since it is necessary for significant engineering to be conducted before specific estimates can be produced. Most cost estimates are produced using rule-of-thumb approximations as opposed to specific lists of materials.
19. Public Hearing – A specifically designated time, place, and opportunity for citizens, community groups, businesses, and other stakeholders to address the City Council on a particular issue.
20. Systems Development Charge (SDC) Funds – Funds used to account for one time revenues received from new developments that are assessed to mitigate the increased costs of providing public infrastructure. The Parks, Water, Surface Water, Wastewater, and Street SDC Funds are restricted for use on capital projects that increase capacity for their respective systems.

CIP Development - Overall Plan

The development of the five-year CIP includes opportunities for citizen involvement, coordination with citizen advisory groups and public agencies, and input from the Planning Commission and City Council to help ensure that projects meet community needs and mirror City Council adopted plans. These Council adopted plans help prioritize areas of focus, and the CIP is a commitment toward implementation of the plans’ goals and objectives.

CIP Development – Elements

1. 20 Year Master Plans – Master Plans identify what public facility investments need to be made to ensure future community goals are achieved. These plans are typically updated every 8-10 years

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to help guarantee infrastructure systems meet service level expectations. This work is outsourced to specialized consultants who work directly with the individual Program Areas. These plans are typically updated every 8-10 years. This work is outsourced to specialized consultants who work directly with the individual Program Areas.

1. City Council Adoption of Master Plans - City Council adopts master plans for each program area, which provides the roadmap for future capital investments.
2. Draft CIP – Program Areas then use the appropriate Master Plans as a blue print to develop CIP Projects accordingly. The CIP is created by Program Areas.
3. Community Open House – Program Areas provide an overview of the draft CIP, to inform and manage stakeholder expectations of the CIP process.
4. Planning Commission Approval – Planning Commission reviews and confirms the CIP is in compliance with the City’s Comprehensive Plan.
5. Budget Committee Approval – Budget Committee approves funding for year one of the 5-Year CIP.
6. City Council Approval – City Council approves the 5-year CIP, which directs staff to implement projects identified within this document.

CIP Project Evaluation Criteria

CIP projects are evaluated upon sustainability based criteria. Sustainability is the City’s essential product; a good quality of life for citizens now and in the future. The well used three-legged stool metaphor is a good way to illustrate the notion of sustainability. The stool (i.e. sustainability) is supported by three-legs, the first representing economy, the second society, and third environment. The project evaluation worksheet considers how projects align with these three “legs” of sustainability and is based previously established evaluation criteria developed by the Tualatin Valley Water District and the City of Olympia Public Works Department. The criteria include:

Economy -

- Promotes Local Economic Development
- Is Economically Efficient

Society -

- Meets Social Obligations
- Promotes Equity
- Improves Quality of life

Environment -

- Protects / Restores Ecosystem Functions
- Uses Renewable Project Materials and Construction Methods
- Supports Conservation and Demand Management

Each project is evaluated independently, and the scoring is either a 1 or 0 (zero). If the project supports or will achieve the individual criterion, then a score of 1 is recorded. If the project does not support (nor will achieve) the criterion, then a score of 0 (zero) is recorded. There are a total of 30 evaluation criteria (10 each for Economy, Society and Environment), therefore a total “raw score” maximum of 30 points for a project.

Projects may receive additional “points” based on owner / operation considerations, for example;

- Grant-funded projects may receive a double score for “economy” portion of the criteria.

Projects identified as a Council Goal may receive a double score for “society” portion of the criteria.

Projects that should be completed in tandem with another project(s) may receive the higher score of its “tandem” project(s).

Projects that prevent system failures or avert safety hazards anticipated within 5 years may have their total score increased by 40%.

Project that are legally mandated to be completed within 5 years, or projects the City is contractually obligated to complete within 5 years may have their total score increased by 40%.

Project Types

Several main types of projects are included in the document:

1. System Repairs and Replacements – Projects needed to maintain existing infrastructure; typically needed to ensure service reliability.
2. System Improvements – Projects designed to increase the functionality, efficiency, and/or capability of the infrastructure.
3. Capacity Increasing Projects to Meet Growth – Projects needed in order to provide services to new customers.
4. Redevelopment and Community Enhancement – Projects created for urban renewal, overall community or neighborhood livability and safety enhancement.

Document Structure

Each program area in the CIP includes:

1. Program Area Overview Sheets - This narrative information provides an overall summary, which will help familiarize the document user with the types of projects and project objectives for each program area.
2. Program Area Project Cost Summaries - This information provides an “at-a-glance” project cost summary (by program area) which assists CIP and financial staff with strategic planning endeavors, such as coordinating infrastructure construction activities with other local public agencies and financial planning.
3. Individual Project Worksheets - Show details about each project within each program area.
4. Alphabetical Order - All Projects are listed in alphabetical order, first within funded projects and then within unfunded projects.

Program Area Summaries

For each funded program area, the CIP project summary shows:

1. Program Project Summary Lists
 - Project Names
 - Project Dollars by year
 - Yearly Totals
2. Program Resource Summary Lists
 - Funding Resources by type for Program Area as a whole
 - Total Dollars of each Resource type by year
 - Yearly Totals

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3. Program Project Resource Detail Lists:
 - Project Name
 - Project Dollars by year
 - Funding Resources for each Project by year
 - Yearly Totals

Individual Project Worksheets

Each funded and unfunded CIP project has its own worksheet that provides detailed information about the project. Where appropriate, worksheets include area maps to illustrate the location of the project. Information shown on each worksheet includes:

1. Project Name – A unique project name is assigned to each project within a program. In some cases, a project may have both a funded and an unfunded component.
2. Description – This section lists the major elements of the project, including what purpose the project serves, the project location, and the neighborhood district designation.
3. Justification – This section justifies why money should be allocated to the project. The section may also describe the project's long and short-term benefits and costs, and adverse effects that may occur if the project is not completed.
4. Funding Resources – Shows the source and estimated amount of funds to be used for each project.
5. Project Costs – Shows the estimated type and amount of expenditures planned for each project.

Description of Funding Resources

1. Operating – Ongoing revenue such as utility rates or gas taxes.
2. Grant – Funds awarded from federal, state or local sources.
3. SDC – System Development Charges.
4. Developer – To be paid or constructed by a private party.
5. IGA – Intergovernmental agreement.
6. Other – Usually dedicated revenues or inter-fund transfers for shared projects.
7. LORA – Funds coming from the Urban Renewal Program Area.
8. Dev/SDC Credit – To be paid or constructed by a private party and then get reimbursed using SDC Credits.
9. Debt-SDC – Loans to be repaid by SDC Funds. Used when the project is SDC eligible but SDC funds are not currently on hand.
10. Repair/Replacement Reserves – Funds set aside for the repair and/or replacement of infrastructure.

Description of Project Costs

1. Design and Construction Administration – Estimated costs for City staff design and project management.
2. Property Acquisition – Estimated property costs.
3. Construction – Estimated constructed costs.
4. Other – Usually reimbursement payments or consultant or other out-source services.
5. Administration – Percentage assessed to each project to cover overhead including City and Department Administration.

6. Construct/Reimburse – If project is funded entirely by “Developer/SDC Credits.

Document Revisions (from last year, FY 2009-10 to 2013-14)

The most significant revision to the proposed FY 2010-11 to 2014-15 CIP document was the inclusion of additional project categories, specifically:

- Miscellaneous Capital
- Large Capital Equipment
- Plan Updates
- Lake Oswego Redevelopment Agency
- Future Projects Beyond 2015.

These project categories were added to help better demonstrate the entire infrastructure investment “portfolio” the City of Lake Oswego is dedicated to. Additionally, a “Definition” section was included within the introduction, to assist new viewers/users of the document with understanding of the nomenclature regarding the capital improvement program.

Synopsis

The Capital Improvement Program establishes, prioritizes, and ensures funding for projects to improve existing infrastructure or to pave the way for new development. Development of the Capital Improvement Program is a culmination of efforts detailed into one five-year program. The proposed FY 2010-11 CIP outlines expenditures of approximately \$59 million in funded investments within the City of Lake Oswego. The CIP also identifies unfunded future needs totaling \$338.2 million for FY 2011-12 to FY 2014-15. Finally, in the future projects category, there are specified unfunded needs totaling over \$37 million for FY 2020-21 to FY 2024-25. Each project has been budgeted to provide consistent service levels and efficient use of City resources. Completion of the projects contained in this document lead the City closer to being Oregon’s most livable city.

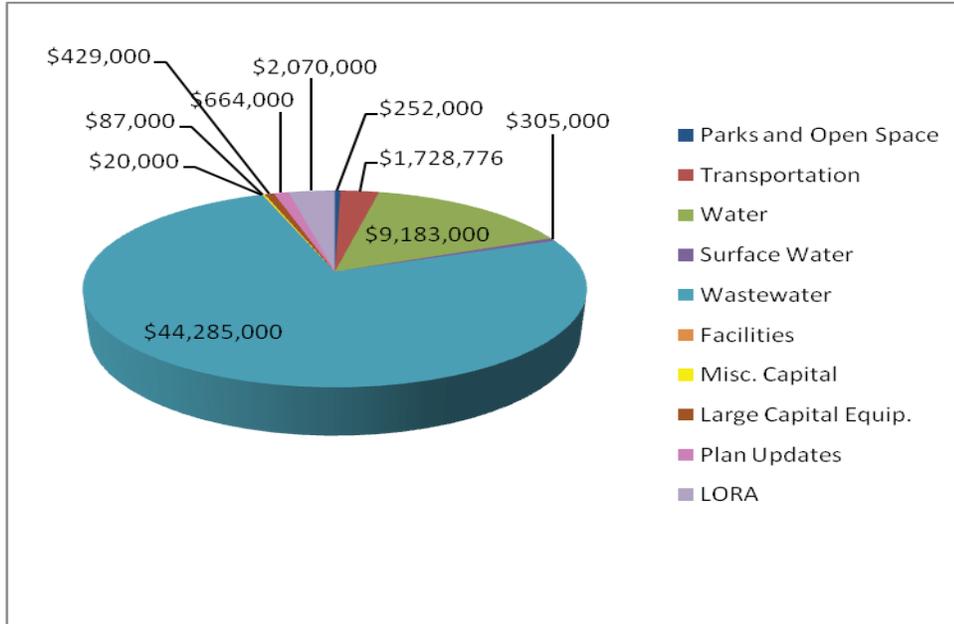
Expenditure Summary for All Program Areas — FY 2010-11to FY 2014-15

<u>Program Area</u>	<u>FY 2010-11</u>	<u>FY 2011-12 to 2014-15</u>
Parks and Open Space	\$252,000	\$4,088,000
Transportation	\$1,728,776	\$60,642,000
Water	\$9,183,000	\$184,661,000
Surface Water	\$305,000	\$5,562,000
Wastewater	\$44,285,000	\$17,096,000
Facilities	\$20,000	\$29,937,000
Miscellaneous Capital	\$87,000	\$14,173,000
Large Capital Equipment	\$429,000	\$4,208,000
Plan Updates	\$664,000	\$212,000
LORA	\$2,070,000	\$17,576,000
Totals	\$59,023,776	\$338,155,000

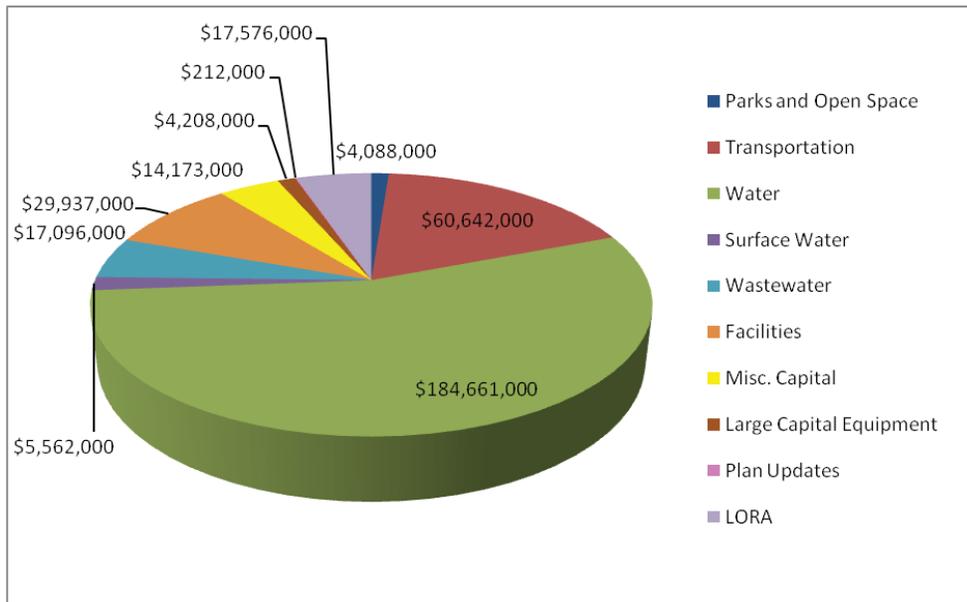
Expenditure Graph for All Program Areas

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FY 2010-11:



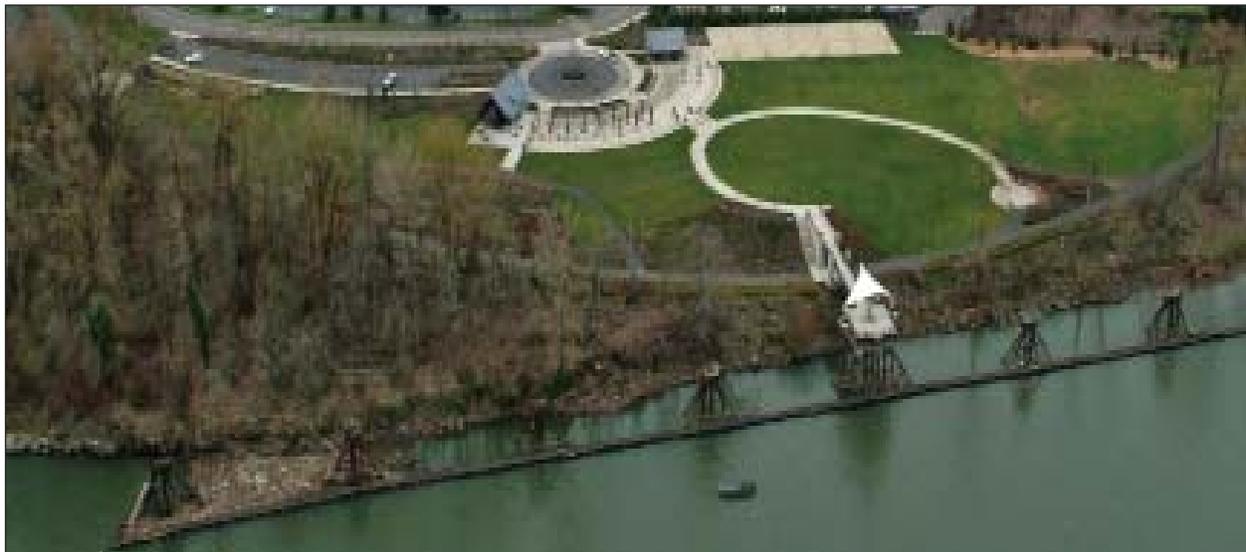
FY 2011-12 to FY 2014-15:



PARKS & OPEN SPACE OVERVIEW

The overall objective of projects in this category is the development and maintenance of a comprehensive parks and open space system in the City of Lake Oswego. Projects included in the CIP are based on the Parks and Recreation policies and Open Space policies contained in the 2002 Parks and Recreation Comprehensive Plan and the 2001 Open Spaces Master Plan. The Parks and Recreation Comprehensive Plan is scheduled to be revised this year as listed in the Plan Updates section. The revisions will likely result in modifications to the proposed list of projects for future years.

The only proposed project for FY 2010-11 is a grant funded dock in Foothills Park. There are currently 13 unfunded projects. The primary focus of the unfunded projects is on rehabilitation of parks structures and playground equipment in East and West Waluga Park, Westlake Park, George Rogers Park, Greentree Park, Westridge Park, and Freepons Park. All of the projects listed were evaluated and prioritized against sustainability criteria.



PARKS & OPEN SPACE

Parks and Open Space Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Foothills Boat Dock	222,000					222,000
Iron Heritage Trail	30,000					30,000
Unfunded						
Dog Park		39,000				39,000
East Waluga Park Picnic Shelter & Snack Shack					46,000	46,000
East Waluga Park Playground				70,000		70,000
Freepons Park Playground Replacement					55,000	55,000
George Rogers Park Bathroom & Storage Replacement		50,000	478,000			528,000
George Rogers Park Tennis Court Repair		50,000				50,000
George Rogers Park-Ladd Street & Phase 5 & 6 of MP		2,894,000				2,894,000
Greentree Park Playground Replacement				45,000		45,000
Pilkington Park Restrooms					182,000	182,000
Westlake Baseball Field Replacement				49,000		49,000
Westlake Park Storage Building Repairs				25,000		25,000
Westridge Playground Replacement					65,000	65,000
Westridge Park Sidewalk				40,000		40,000
Total	252,000	3,033,000	478,000	229,000	348,000	4,340,000

PARKS & OPEN SPACE

Funded Parks & Open Space Projects

	General Fund	Tennis Fund	Tourism Fund	State/Fed Other	Total
Foothills Boat Dock				222,000	222,000
Iron Heritage Trail			30,000		30,000
PARKS PROJECTS TOTAL			\$30,000	\$222,000	\$252,000

PARKS & OPEN SPACE

PARKS & OPEN SPACE

Project Name: Foothills Boat Dock

Project Description: Concrete floating dock that measures 250' long x 8' wide with 100' long aluminum gangway to be placed on the Willamette River. Funded with a grant from the Oregon State Marine Board and the US Fish & Wildlife's Boating Infrastructure Grant (BIG) Program funds.

Funded/Unfunded: Funded

Estimated Date of Completion: 2010

Justification: 2008 Unfinished Council Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating						-
	SDC's						-
	Bonds						-
OR Marine Board	Grants	222					222
Resources Total		\$222	\$-	\$-	\$-	\$-	\$222
Expenses	Design						-
	Proj. Admin						-
	Construction	222					222
							-
Expenses Total		\$222	\$-	\$-	\$-	\$-	\$222

PARKS & OPEN SPACE

Project Name: Iron Heritage Trail

Project Description: The Iron Heritage Trail would be a series of connected pathways and interpretive stations that tell the story of Lake Oswego’s historic iron industry. The trail would connect the iron furnace with other historic sites including the Worker’s cottage, the crucible, and the iron mines. The project would include trail improvements, parking improvements, and interpretive signage.

Funded/Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Implements Goals of the Historic Resources Advisory Board



PARKS & OPEN SPACE

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Tourism	Operating	30	470				500
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$30	\$470	\$-	\$-	\$-	\$500
Expenses	Design	25	75				100
	Proj. Admin	5	45				50
	Construction		350				350
							-
Expenses Total		\$30	\$470	\$-	\$-	\$-	\$500

PARKS & OPEN SPACE

Project Name: Dog Park

Project Description: Citizens have requested a new dog park for the west side of Lake Oswego. The proposed site is to be located adjacent to the West End Building and is anticipated to be approximately 1 acre in size. The park will include landscaping, fencing and pathways.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: City Council Consideration



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating		39				39
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$39	\$-	\$-	\$-	\$39
Expenses	Design						-
	Proj. Admin						-
	Construction		39				39
							-
Expenses Total		\$-	\$39	\$-	\$-	\$-	\$39

PARKS & OPEN SPACE

Project Name: East Waluga Park Picnic Shelter and Snack Shack

Project Description: This project replaces the existing picnic shelter with a new facility and upgrades the Snack Shack building. The existing picnic shelter has been repaired numerous times in the past; however, the shelter is beyond its useful life. The Snack Shack is a small building that is used by community organizations for concession sales during ball games. Due to increased use of the building, the drainage system needs to be upgraded.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2015

Justification: Safety; Replacement of Non-Functional Asset



PARKS & OPEN SPACE

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					46	46
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$46	\$46
Expenses	Design					5	5
	Proj. Admin					6	6
	Construction					35	35
							-
Expenses Total		\$-	\$-	\$-	\$-	\$46	\$46

PARKS & OPEN SPACE

Project Name: East Waluga Park Playground

Project Description: This project requires the replacement of playground equipment in East Waluga Park. The playground equipment no longer meets current safety standards and is not accessible to the standards of the American Disability Act (ADA).

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2014

Justification: Safety, ADA Accessibility



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				70		70
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$70	\$-	\$70
Expenses	Design						-
	Proj. Admin						-
	Construction				70		70
							-
Expenses Total		\$-	\$-	\$-	\$70	\$-	\$70

PARKS & OPEN SPACE

Project Name: Freepons Park Playground Replacement

Project Description: This project includes replacement of playground equipment in Freepons Park. Equipment no longer meets current safety standards and is not accessible according to the American Disability Act (ADA) standards.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2015

Justification: Safety, ADA Accessibility



PARKS & OPEN SPACE

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					55	55
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$55	\$55
Expenses	Design						
	Proj. Admin						-
	Construction					55	55
Expenses Total		\$-	\$-	\$-	\$-	\$55	\$55

PARKS & OPEN SPACE

Project Name: George Rogers Park Bathroom & Storage Replacement

Project Description: This project involves the replacement of two existing park bathrooms and adjoining storage facility in George Rogers Park. The existing facilities were built in the 1970's and are beyond their useful life.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2013

Justification: Asset Replacement



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating		50	478			528
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$50	\$478	\$-	\$-	\$528
Expenses	Design		50				50
	Proj. Admin			41			41
	Construction			437			437
							-
Expenses Total		\$-	\$50	\$478	\$-	\$-	\$528

PARKS & OPEN SPACE

Project Name: George Rogers Park Tennis Court Repair

Project Description: This project repairs and resurfaces the damaged tennis courts in George Rogers Park. Large cracks have emerged across the entire surface of the two courts. The damaged courts pose a tripping hazard to players and must be fixed to help protect players from injuries.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2012

Justification: Safety



PARKS & OPEN SPACE

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Tennis	Operating		50				50
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$50	\$-	\$-	\$-	\$50
Expenses	Design						-
	Proj. Admin						-
	Construction		50				50
Expenses Total		\$-	\$50	\$-	\$-	\$-	\$50

PARKS & OPEN SPACE

Project Name: George Rogers Park / Ladd St. and Phases 5 & 6 of Master Plan

Project Description: This project includes several upgrades to the accessibility and sustainability of George Rogers Park, the oldest community park in Lake Oswego. The improvements are part of a series of American Disability Act (ADA) improvements that were included in the George Rogers Park Master Plan, which was adopted in 2003. The next phase of ADA improvements to George Rogers Park will increase vehicular access as well as improve accessibility to the athletic fields, dark sky ballfield lighting, bleacher replacement, tennis courts, children’s play area, and picnic shelters. The project will also include street and storm water improvements that will resolve on-going drainage problems.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2012

Justification: Project approved by Development Review Commission April 2009. Completion of existing project, Improved Stormwater Management/Sustainability; ADA accessibility.



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating		2,894				2,894
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$2,894	\$-	\$-	\$-	\$2,894
Expenses	Design						-
	Proj. Admin		250				250
	Construction		2,644				2,644
							-
Expenses Total		\$-	\$2,894	\$-	\$-	\$-	\$2,894

PARKS & OPEN SPACE

Project Name: Greentree Park Playground Replacement

Project Description: This project replaces the playground equipment in Greentree Park. The playground equipment does not meet current safety standards and is not accessible to the standards of the American Disability Act (ADA).

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2013

Justification: Safety, ADA Accessibility



PARKS & OPEN SPACE

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				45		45
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$45	\$-	\$45
Expenses	Design						-
	Proj. Admin						-
	Construction				45		45
Expenses Total		\$-	\$-	\$-	\$45	\$-	\$45

PARKS & OPEN SPACE

Project Name: Pilkington Park Restrooms

Project Description: This project provides for the design and construction of bathrooms for Pilkington Park. The park does not contain any bathroom facilities. This project is necessary to accommodate heavy park usage by sport leagues and other users.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2015

Justification: Public Health and Safety



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					182	182
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$182	\$182
Expenses	Design					25	25
	Proj. Admin					13	13
	Construction					144	144
							-
Expenses Total		\$-	\$-	\$-	\$-	\$182	\$182

PARKS & OPEN SPACE

Project Name: Westlake Baseball Field Replacement

Project Description: This project repairs the three baseball infields in Westlake Park. The project consists of repairing turf/skinned interfaces (reduces tripping hazards), rebuilding pitching mounds, leveling skinned infields, and replacing turf as necessary.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2013

Justification: Safety, ADA Accessibility



PARKS & OPEN SPACE

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				49		49
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$49	\$-	\$49
Expenses	Design						-
	Proj. Admin						-
	Construction				49		49
Expenses Total		\$-	\$-	\$-	\$49	\$-	\$49

PARKS & OPEN SPACE

Project Name: Westlake Park Storage Building Repairs

Project Description: The storage building at Westlake Park requires repairs to the roof, doors, siding, and painting to maintain a functional building. The building was constructed in the mid 1980's and requires work to bring it back to standard. The storage building houses park maintenance equipment, such as mowers, workman trucks, and various other tools.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2014

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				25		25
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$25	\$-	\$25
Expenses	Design						-
	Proj. Admin						-
	Construction				25		25
Expenses Total		\$-	\$-	\$-	\$25	\$-	\$25

PARKS & OPEN SPACE

Project Name: Westridge Playground Replacement

Project Description: This project replaces the playground equipment in Westridge. The equipment no longer meets current safety standards and does not meet the accessibility standards of the American Disability Act (ADA).

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2015

Justification: Safety, ADA Accessibility



PARKS & OPEN SPACE

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					65	65
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$65	\$65
Expenses	Design						-
	Proj. Admin						-
	Construction					65	65
							-
Expenses Total		\$-	\$-	\$-	\$-	\$65	\$65

PARKS & OPEN SPACE

Project Name: Westridge Park Sidewalk

Project Description: This project replaces the existing sidewalk in Westridge Park with a new asphalt surface. The existing surface is cracked and raised, which results in tripping hazards due to an unsafe walking surface.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Public Safety



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				40		40
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$40	\$-	\$40
Expenses	Design						-
	Proj. Admin				5		5
	Construction				35		35
Expenses Total		\$-	\$-	\$-	\$40	\$-	\$40

TRANSPORTATION OVERVIEW

Transportation System:

The Lake Oswego transportation system includes over 150 miles of streets and intersections. The streets are classified as arterials, major collectors, neighborhood collectors or residential streets. The miles of roadway and number of intersections will continue to increase through annexation and road transfer from Clackamas County, until the City Limits reach the Urban Services Boundary. The transportation system also includes 32 traffic signals, approximately 20 miles of pathways, and partial ownership of the Jefferson Rail Line. The transportation section of the CIP includes four elements. These include roadways, intersections, pathways/bikeways and transit trolley (transit).

Roadways:

A wide variety of projects are included under roadways. To protect the long-term capital investment in the City's roadways it is necessary to regularly maintain the streets. Methods of maintenance include crack sealing, pavement patching, and/or structural overlays. In cases of severe deterioration, total reconstruction of the roadway is necessary. In order to avoid higher costs of replacing streets, Engineering Division staff tracks the condition of streets throughout the City with a computer program that identifies years in which critical maintenance should occur. Priorities for overlays and reconstruction are determined by the type of street, traffic volume, condition of street, and years remaining at the existing condition. Other projects can include Local Improvement Districts to construct a street to City standards with curbing, sidewalks/pathways, and surface water conveyance and treatment.

Intersections:

These projects increase the carrying capacity and/or improve the safety of arterials and collectors by moving traffic more efficiently and safely through existing intersections. Safe pedestrian travel is also enhanced with these projects. Projects features may include placement of traffic signals, re-channeling traffic, and/or creating protected left turn lanes.

Pathways/Bikeways:

Pedestrian and bicycle use is enhanced and encouraged through the development of pathway/bikeway projects. These projects help alleviate traffic congestion, air pollution, and contribute to a sense of community by providing an alternative mode of transportation.

Funding Sources:

The capital needs for the Transportation Section of the CIP far exceed existing revenue sources. Funding sources include Gas Taxes, Street Maintenance Fees, System Development Charges, and State or Federal funding.

State Gas Tax revenues provide the source of funding for street overlays and reconstruction.

Street Maintenance Fees were adopted in 2004, and are collected via each utility billing per residential and commercial dwelling.

System Development Charges are obtained from new development fees. This funding source is dependent on the amount of new construction that occurs.

State and Federal Funds are available through a variety of grant programs administered by ODOT and the Federal Highway Administration. Many future projects are dependent on State and Federal funds; however, the City must compete with other jurisdictions for the limited amount of State and Federal funds available. It takes several years before these funds are fully allocated to the local jurisdictions.

TRANSPORTATION ROADWAYS

Roadways	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Annual Pavement Preservation Program	1,130,000	1,240,000	1,240,000	1,240,000	1,240,000	6,090,000
Unfunded						
B Avenue Storm System and Street Upgrade			165,000			165,000
Blue Heron Rd Roadway Improvements		129,000	716,000			845,000
Boones Ferry Rd Improvements			500,000	15,500,000		16,000,000
Boones Ferry Rd Rehabilitation			228,000	1,333,000		1,561,000
Citywide ReflectORIZED & Raised Pavement Marker Program		30,000	5,000	5,000	30,000	70,000
Kerr Parkway Repaving Project		203,000	1,250,000			1,453,000
Lake Oswego Transit Center Roadway Rehabilitation		138,000	812,000			950,000
Lakeview Blvd Roadway Improvements			270,000	1,650,000		1,920,000
Stampher Road LID			20,000	45,000	345,000	410,000
Westlake Drive Repaving		92,000	395,000			487,000
Total	1,130,000	1,832,000	5,601,000	19,773,000	1,615,000	29,951,000

TRANSPORTATION ROADWAYS

Funded Roadway Projects

	General Fund	Street/Bicycle Fund	Assessment Fund	State, Fed Other	Total
Annual Pavement Preservation Program		1,130,000			\$1,130,000
ROAD PROJECTS TOTAL	\$0	\$1,130,000	\$0	\$0	\$1,130,000

TRANSPORTATION ROADWAYS

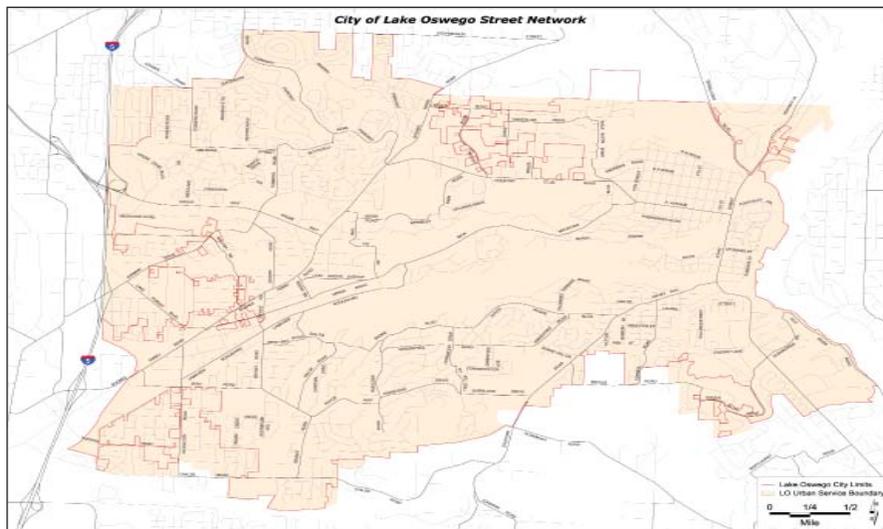
Project Name: Annual Pavement Preservation Program

Project Description: This program encompasses preventative maintenance, rehabilitation and reconstruction of the City's street network. This program is funded using the revenues from the City's Street Maintenance Fee. Streets selected for treatment are chosen based upon a tri-annual pavement condition assessment and/or the coordination with other capital improvement projects.

Funded/Unfunded: Funded

Estimated Date of Completion: Annual

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Maintenance Fee	Operating	1,130	1,240	1,240	1,240	1,240	6,090
	Operating						-
	Bonds						-
	Grants						-
Resources Total		\$1,130	\$1,240	\$1,240	\$1,240	\$1,240	\$6,090
Expenses	Design	100	186	186	186	186	844
	Proj. Admin	150	62	62	62	62	398
	Construction	880	992	992	992	992	4,848
							-
Expenses Total		\$1,130	\$1,240	\$1,240	\$1,240	\$1,240	\$6,090

TRANSPORTATION ROADWAYS

Project Name: B Avenue Storm System and Street Upgrade

Project Description: A recent evaluation of the existing drainage systems in First Addition Neighborhood (FAN), prompted by recurrent localized flooding events, makes recommendations for replacement of several segments of pipe. The "B" Avenue system conveys runoff from the top of the 100 acre drainage basin and conveys it under Hwy 43, the railroad tracks and through the Foothills Road area to Tryon Creek. This system has been pieced together over the past 100 years and experiences periodic flooding which is exasperated by increased impervious areas resulting from ongoing infill and redevelopment. Project will also repave B Avenue.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating			804			804
Street Fund	Operating			165			165
							-
							-
Resources Total		\$-	\$-	\$969	\$-	\$-	\$969
Expenses	Design			116			116
	Proj. Admin			78			78
	Construction			775			775
							-
Expenses Total		\$-	\$-	\$969	\$-	\$-	\$969

ROADWAYS

TRANSPORTATION ROADWAYS

Project Name: Blue Heron Road Roadway Improvements
Project Description: This project would reconstruct the roadway with storm water drainage improvements along the entire length of this roadway.
Funded/Unfunded: Unfunded
Estimated Date of Completion: Fall 2011
Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating		129	716			845
Surfacewater	Operating		73	403			476
	Bonds						-
	Grants						-
Resources Total		\$-	\$202	\$1,119	\$-	\$-	\$1,321
Expenses	Design		165				165
	Proj. Admin		37	19			56
	Construction			1,100			1,100
							-
Expenses Total		\$-	\$202	\$1,119	\$-	\$-	\$1,321

TRANSPORTATION ROADWAYS

Project Name: Boones Ferry Rd Improvements

Project Description: The Lake Grove Village Center Plan includes a project to improve Boones Ferry Road between Madrona and Kruse Way. The project includes bikeways, sidewalks, a center median, green street features, and intersection improvements.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2015

Justification: Lake Grove Village Center Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			500	15,500		16,000
	Operating						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$500	\$15,500	\$-	\$16,000
Expenses	Design			450			450
	Proj. Admin			50	1,000		1,050
	Construction				14,500		14,500
							-
Expenses Total		\$-	\$-	\$500	\$15,500	\$-	\$16,000

TRANSPORTATION ROADWAYS

Project Name: Boones Ferry Rd Rehabilitation Project

Project Description: This project would repave the roadway on Boones Ferry from the Tualatin/Lake Oswego city limit to Madrona St and then again from Kruse Way to the Lake Oswego/Portland city limit. This project would not pave the area to be known as the Lake Grove Town Center. This area was repaved in 2007.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2013

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating			228	1,333		1,561
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$228	\$1,333	\$-	\$1,561
Expenses	Design			195			195
	Proj. Admin			33	33		66
	Construction				1,300		1,300
							-
Expenses Total		\$-	\$-	\$228	\$1,333	\$-	\$1,561

TRANSPORTATION ROADWAYS

Project Name: Citywide Reflectorized and Raised Pavement Marker Program
Project Description: To add or replace missing and damaged reflectorized raised pavement markers on all arterial and high volume collector streets.
Funded/Unfunded: Unfunded
Estimated Date of Completion: 2010
Justification: Safety



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating		30	5	5	30	70
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$30	\$5	\$5	\$30	\$70
Expenses	Design						-
	Proj. Admin		2	1	1	2	6
	Construction		28	4	4	28	64
							-
Expenses Total		\$-	\$30	\$5	\$5	\$30	\$70

TRANSPORTATION ROADWAYS

Project Name: Kerr Parkway Repaving Project

Project Description: This project would reconstruct the roadway from the Lake Oswego/Portland city limits to Boones Ferry Rd.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2012

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating		203	1,250			1,453
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$203	\$1,250	\$-	\$-	\$1,453
Expenses	Design		179				179
	Proj. Admin		24	60			84
	Construction			1,190			1,190
							-
Expenses Total		\$-	\$203	\$1,250	\$-	\$-	\$1,453

TRANSPORTATION ROADWAYS

Project Name: Lake Oswego Transit Center Roadway Rehabilitation

Project Description: The streets of this project have been severely damaged due to bus traffic on streets not designed to handle the loads. This project would include some streetscape improvements along 4th Ave including ADA upgrades and would completely rebuild the streets including adding concrete bus pads.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2013

Justification: Asset Management/ADA Improvements



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating		103	607			710
LORA	Operating		35	205			240
	Bonds						-
	Grants						-
Resources Total		\$-	\$138	\$812	\$-	\$-	\$950
Expenses	Design		118				118
	Proj. Admin		20	20			40
	Construction			792			792
							-
Expenses Total		\$-	\$138	\$812	\$-	\$-	\$950

TRANSPORTATION ROADWAYS

Project Name: Lakeview Blvd Roadway Improvements

Project Description: This project would reconstruct the roadway, improve the storm water drainage and possibly add a pathway on Lakeview Blvd from Bryant Rd to the round-about intersection. The roadway between Summit Dr and the railroad tracks will need to be stabilized due to soil sliding downslope from Lakeview Blvd roadway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2014

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating			162	990		1,152
Surface Water Fund	SDC's			108	660		768
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$270	\$1,650	\$-	\$1,920
Expenses	Design			240			240
	Proj. Admin			30	50		80
	Construction				1,600		1,600
							-
Expenses Total		\$-	\$-	\$270	\$1,650	\$-	\$1,920

TRANSPORTATION ROADWAYS

Project Name: Stampher Rd LID

Project Description: Stampher Rd is a non-maintained paved roadway in very poor condition and needs to be rebuilt. The City's formal interest in the street is due to being the largest property frontage owner (the Jarvis property) and to allow access to a City-owned public boat dock (approx. 600 ft). Bringing this street up to standard would create a maintainable street. This request does not currently address issues with the roadway located within the railroad right-of-way. It also does not include the private leg of the street to the north. Drainage issues would also be handled within their project scope. The City would take on full maintenance responsibility with this upgrade.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Asset Management, Sustainability



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Parks/Surface Water	Operating			20	45	290	355
	SDC's						-
	Bonds						-
LID Contributions	LID					120	120
Resources Total		\$-	\$-	\$20	\$45	\$410	\$475
Expenses	Design			10	30	30	70
	Proj. Admin			10	15	15	40
	Construction					300	300
Expenses Total		\$-	\$-	\$20	\$45	\$345	\$410

ROADWAYS

TRANSPORTATION ROADWAYS

Project Name: Westlake Dr Repaving Project
Project Description: This project would repave/overlay the roadway from Kruse Way to Melrose.
Funded/Unfunded: Unfunded
Estimated Date of Completion: Fall 2012
Justification: Council Goal, Periodic Update, Sustainability



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating		92	395			487
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$92	\$395	\$-	\$-	\$487
Expenses	Design		71				71
	Proj. Admin		21	42			63
	Construction			353			353
							-
Expenses Total		\$-	\$92	\$395	\$-	\$-	\$487

TRANSPORTATION INTERSECTIONS

Intersections Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Citywide Intersection Signalization Improvements	24,000	24,000	24,000	24,000		96,000
Refurbish Wooden/Street Signs	21,000					21,000
Unfunded						
6-Corner Intersection Alignment Improvements		75,000	52,000			127,000
Traffic Sign Retroreflectivity		68,000	57,000	95,000	95,000	315,000
Total	45,000	167,000	133,000	119,000	95,000	559,000

TRANSPORTATION INTERSECTIONS

Funded Intersection Projects

	General Fund	Street/Bicycle Fund	Assessment Fund	State, Fed Other	Total
Citywide Signal Improvement & Upgrade		24,000			\$24,000
Refurbish Wooden/Street Signs		21,000			\$21,000
INTERSECTION PROJECTS TOTAL	\$0	\$45,000	\$0	\$0	\$45,000

TRANSPORTATION INTERSECTIONS

Project Name: Citywide Intersection Signalization Improvements

Project Description: Develop and implement a citywide signal timing update, develop and implement Flashing Yellow Left Turn Arrow signals at key specific intersections, upgrade signal controllers at 6 intersections in the City (replace 170 controllers with 2070 controllers).

Funded/Unfunded: Funded

Estimated Date of Completion: 2014

Justification: Safety, Reduce Congestion, and Improve Capacity



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Transportation	Operating	24	24	24	24		96
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$24	\$24	\$24	\$24	\$-	\$96
Expenses	Design	5	5	5	5		20
	Proj. Admin	2	2	2	2		8
	Construction	17	17	17	17		68
							-
Expenses Total		\$24	\$24	\$24	\$24	\$-	\$96

TRANSPORTATION INTERSECTIONS

Project Name: Refurbish Wooden Street Signs
Project Description: The removal, cleaning, repair and repainting of the wooden signs in the City. There are currently 35 wooden street signs.
Funded/Unfunded: Funded
Estimated Date of Completion: 2012
Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating	21					21
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$21	\$-	\$-	\$-	\$-	\$21
Expenses	Design	4					4
	Proj. Admin	2					2
	Construction	15					15
							-
Expenses Total		\$21	\$-	\$-	\$-	\$-	\$21

TRANSPORTATION INTERSECTIONS

Project Name: 6 Corner Intersection Alignment Improvements

Project Description: Realign the two northerly legs of this intersection to eliminate many conflict points, improve traffic flow, safety, reduce congestion and improve line of sight. The project will combine north leg Iron Mountain and Bayberry into one approach and remove the undefined landscaped area.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Safety and Reduce Congestion



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street	Operating		75	52			127
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$75	\$52	\$-	\$-	\$127
Expenses	Design		18	2			20
	Proj. Admin		12	5			17
	Construction		45	45			90
Expenses Total		\$-	\$75	\$52	\$-	\$-	\$127

TRANSPORTATION INTERSECTIONS

Project Name: Traffic Sign Retroreflectivity

Project Description: Agencies have until January 2010 to establish and implement a sign assessment or management method to maintain minimum levels of sign retroreflectivity. The compliance date for meeting the minimum retro-reflectivity requirements on regulatory, warning, and ground mounted guide signs is January 2015. For over head guide signs and street name signs, the compliance date is January 2018. In order to support this effort, a complete sign inventory and retroreflectivity analysis will be needed for 10,000 to 16,000 City owned traffic signs.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Federal Regulation Compliance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating		68	57	95	95	315
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$68	\$57	\$95	\$95	\$315
Expenses	Design		65	55	10	10	140
	Proj. Admin		3	2	5	5	15
	Construction				80	80	160
Expenses Total		\$-	\$68	\$57	\$95	\$95	\$315

TRANSPORTATION PATHWAYS

Pathways Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
ADA Sidewalk Ramp Retrofit Program	63,000	100,000	100,000	100,000	100,000	463,000
Chow Corner Reg Sidewalk	290,000					290,000
Cook's Butte Trail Construction	60,000					60,000
Pilkington-McEwan Pathway	35,000					35,000
Unfunded						
Boca Ratan Pathway		35,000				35,000
Canyon Dr Neighborhood Pathway		35,000	120,000			155,000
Carman Dr Kruse Way to I-5				80,000	570,000	650,000
Carman-Boones Ferry Stairway Replacement		140,000				140,000
Cherry Lane Neighborhood Pathway		100,000				100,000
Childs Rd-Canal Acres to Sycamore Pathway				55,000	195,000	250,000
Cornell-Hemlock to Bergis Pathway					315,000	315,000
Daniel Way Pathway		90,000				90,000
E Ave Neighborhood Pathway				290,000		290,000
Fernwood D - Mapeleaf to Greentree Ave				55,000	195,000	250,000
Fernwood Dr-Tree Top Lane Community Pathway			90,000	340,000		430,000
Fir Ridge Rd Sidewalk		20,000	85,000			105,000
Firwood Rd Neighborhood Pathway		70,000	255,000			325,000
Glenmorrie Dr-Hwy 43 to Old River Rd			65,000	235,000		300,000
Goodall-Knaus to Country Club Pathway				90,000	310,000	400,000
Greentree Rd Community Pathway			50,000	165,000		215,000
Kelok Neighborhood Pathway				38,000	88,000	126,000
Kerr Parkway Pathway		175,000				175,000
Knaus Rd-Boones Ferry Rd to Country Club Rd Pathway				115,000	450,000	565,000
Kruse Way Pathway		134,000				134,000
Lake Oswego to Portland Trail				4,500,000	7,800,000	12,300,000
Lakeview-Iron Mountain Blvd				140,000	760,000	900,000
Lanewood St-Douglas Circle Pathway			55,000	195,000		250,000
Laurel St-Hallinan St to Cornell St Pathway		100,000	1,320,000			1,420,000
Library to ACC Pathway		12,000	53,000			65,000
Meadowlark Lane-Overlook Dr to Ridge Pointe Dr			25,000	85,000		110,000
Mercantile Dr Pathway				50,000		50,000
Oak St-McVey Ave to Palisades Terrace Dr Pathway					130,000	130,000
Palisades Crest Dr Neighborhood Pathway				40,000	135,000	175,000

TRANSPORTATION PATHWAYS

Pathways Project Summary

Unfunded (cont.)	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Reese-Lakeview Pathway Rehab		29,000				29,000
Roehr Park Pathway Repair-Upgrade			45,000	345,000		390,000
Rosemont Trail-Phase 2		450,000				450,000
Small Infill Pathways and Sidewalks		100,000				100,000
Street Tree-Sidewalk Conflicts "Toolbox"		53,000				53,000
State Street Streetscape				30,000	500,000	530,000
Timberline-Knaus to Bonniebrae Dr Sidewalk				70,000	255,000	325,000
Tryon Creek Pedestrian Bridge				300,000		300,000
Twin Fir Rd Upper Dr - Boones Ferry Rd				190,000	1,010,000	1,200,000
Waluga Dr Neighborhood Pathway				55,000	125,000	180,000
Washington Court Pathway			55,000	95,000		150,000
Westview Dr-Greentree Rd & South Shore Blvd				175,000	575,000	750,000
Total	448,000	1,643,000	2,318,000	7,833,000	13,513,000	25,755,000

TRANSPORTATION PATHWAYS

Funded Pathway Projects

	General Fund	Street/Bicycle Fund	Assessment Fund	State, Fed Other	Total
ADA Sidewalk Ramp Retrofit			63,000		\$63,000
Chow Corner Regional Sidewalk		290,000			\$290,000
Cook's Butte Trail Construction				60,000	\$60,000
Pilkington-McEwan Pathway Repair & Maintenance		35,000			\$35,000
PATHWAY PROJECTS TOTAL	\$0	\$325,000	\$63,000	\$60,000	\$448,000

PATHWAYS

TRANSPORTATION PATHWAYS

Project Name: ADA Sidewalk Ramp Retrofit Program

Project Description: This program addresses the need to retrofit existing sidewalk ramps at miscellaneous locations.

Funded/Unfunded: Funded

Estimated Date of Completion: Annual

Justification: Federal Requirement



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating	63	100	100	100	100	463
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$63	\$100	\$100	\$100	\$100	\$463
Expenses	Design	15	25	25	25	25	115
	Proj. Admin	7	15	15	15	15	67
	Construction	41	60	60	60	60	281
							-
Expenses Total		\$63	\$100	\$100	\$100	\$100	\$463

TRANSPORTATION PATHWAYS

Project Name: Chow Corner Regional Sidewalk

Project Description: This project includes a 500 ft long, 6 ft wide sidewalk that runs along Boones Ferry Rd and across the Jean Way railroad crossing. The sidewalk would be an infill project connecting to existing sidewalks from Chow Corner to existing City of Tualatin sidewalk. The City of Tualatin has agreed to contribute at least \$17,000 matching funds.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Bridgeport Motion



PATHWAYS

Fiscal Year (\$ in 000's)							
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Other Street	Operating	290					290
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$290	\$-	\$-	\$-	\$-	\$290
Expenses	Design	55					55
	Proj. Admin	25					25
	Construction	210					210
							-
Expenses Total		\$290	\$-	\$-	\$-	\$-	\$290

TRANSPORTATION PATHWAYS

Project Name: Cook's Butte Trail Construction

Project Description: This project will realign existing trails to avoid sensitive habitat and construct new soft-surface trails in Cook's Butte Park.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Completion of Phase 2 of Cook's Butte Management Plan, Sustainability (habitat protection)



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating						-
Parks	SDC's	60					60
	Bonds						-
	Grants						-
Resources Total		\$60	\$-	\$-	\$-	\$-	\$60
Expenses	Design						-
	Proj. Admin						-
	Construction	60					60
Expenses Total		\$60	\$-	\$-	\$-	\$-	\$60

TRANSPORTATION PATHWAYS

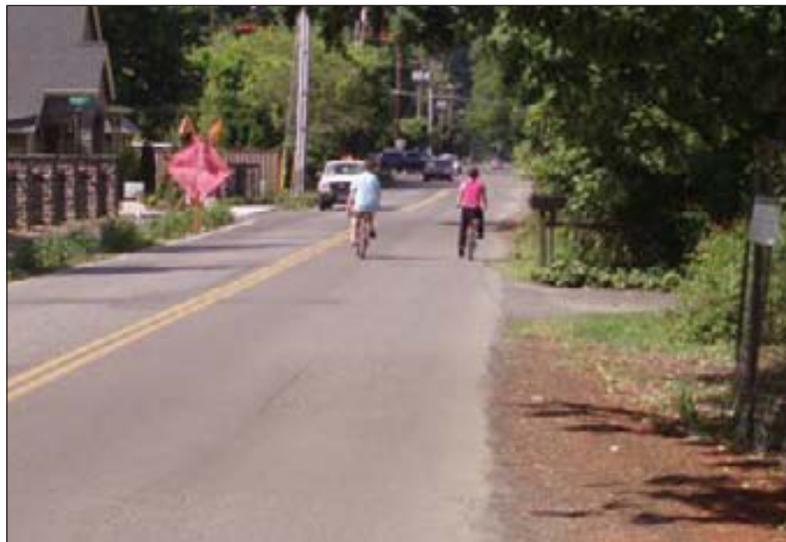
Project Name: Pilkington/McEwan Pathway

Project Description: Pedestrian and bicycle improvements for Pilkington and McEwan Rd corridors as recommended in the Pilkington Road Pathway Feasibility Study. The project received approval to receive a Safe Routes to School Grant for \$495,000 in Feb 2010. The City's financial responsibility will be for \$25,000 match in staff time and any funds necessary for project overruns including during construction.

Funded/Unfunded: Funded

Estimated Date of Completion: Fall 2011

Justification: TSP, Parks and Rec Master Plan, LO Trails and Pathways Master Plan, Clackamas Co. Comp Plan and TSP, Rosewood Neighborhood Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating	35					35
	SDC's						-
	Bonds						-
	Grants/ODOT						-
City Resources Total		\$35	\$-	\$-	\$-	\$-	\$35
Expenses	Design						-
	Proj. Admin	35					35
	Construction						-
Expenses Total		\$35	\$-	\$-	\$-	\$-	\$35

TRANSPORTATION PATHWAYS

Project Name: Boca Ratan Pathway

Project Description: This project is a 1,600 ft long, 5 ft wide pathway between Atwater and Bonniebrae. The roadway is 32 ft wide and would be a good candidate for sidewalks on the west side. This pathway is listed on the 2002 Transportation Advisory Board (TAB) “top ten” list and is in the Forest Hills Elementary walk to school route. In addition, the pathway would provide good connectivity. This pathway could be designed, engineered and implemented fairly quickly and the Bonniebrae sidewalks have already been updated for ADA standards.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: FAN/Forest Highlands Neighborhood Plan/TAB Recommendation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		35				35
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$35	\$-	\$-	\$-	\$35
Expenses	Design		1				1
	Proj. Admin		4				4
	Construction		30				30
							-
Expenses Total		\$-	\$35	\$-	\$-	\$-	\$35

TRANSPORTATION PATHWAYS

Project Name: Canyon Drive Neighborhood Pathway

Project Description: This project includes a 1,150 ft long, 5 ft wide asphalt pathway running from Park Rd to South Shore Blvd. The section between Park Rd and Greentree Rd is in an unconstructed right-of-way and will need extensive surface water drainage requirements.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Palisades Neighborhood Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		35	120			155
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$35	\$120	\$-	\$-	\$155
Expenses	Design		30				30
	Proj. Admin		5	10			15
	Construction			110			110
Expenses Total		\$-	\$35	\$120	\$-	\$-	\$155

TRANSPORTATION PATHWAYS

Project Name: Carman Drive - Kruse Way to I-5

Project Description: This project encompasses adding bike lanes, sidewalks and/or pedestrian pathway from Kruse Way to Carman Drive (1.2 miles). The project priority, funding and selection is subject to transfer of road from Clackamas County to the City of Lake Oswego.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Neighborhood Request



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				80	570	650
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$80	\$570	\$650
Expenses	Design				75		75
	Proj. Admin				5	20	25
	Construction					550	550
Expenses Total		\$-	\$-	\$-	\$80	\$570	\$650

TRANSPORTATION PATHWAYS

Project Name: Carman-Boones Ferry Stairway Replacement

Project Description: This 30-step wooden stairway was built in the 1980's by Maintenance crews. The stairs are in poor condition with dry rot, wood splits and damaged or missing stringer and railing. Roofing shingles were used for treads. Though some of the treads can be replaced the structure is in poor condition and may constitute a safety issue. A replacement would be constructed of either metal or concrete. The wooden structure is at the end of its life and must be replaced to minimize liability and provide a low maintenance structure meeting current design standards.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Streets	Operating		140				140
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$140	\$-	\$-	\$-	\$140
Expenses	Design		30				30
	Proj. Admin		10				10
	Construction		100				100
Expenses Total		\$-	\$140	\$-	\$-	\$-	\$140

TRANSPORTATION PATHWAYS

Project Name: Cherry Lane Neighborhood Pathway

Project Description: This project includes a 750 ft long, 5 ft wide asphalt pathway between Chapin Way and Hwy 43. This pathway was partially constructed from Chapin Way to Hallinan Elementary School and would finish connectivity to the school and Tri-Met bus stop. The neighborhood association supports this pathway and it's on the 2002 Transportation Advisory Board's "top ten" list.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Glenmorrie Neighborhood Plan/TAB Recommendation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		100				100
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$100	\$-	\$-	\$-	\$100
Expenses	Design		25				25
	Proj. Admin		10				10
	Construction		65				65
							-
Expenses Total		\$-	\$100	\$-	\$-	\$-	\$100

TRANSPORTATION PATHWAYS

Project Name: Childs Road - Canal Acres to Sycamore Pathway

Project Description: This project consists of a 1,400 ft long pathway. Due to the fact that this section of roadway has wetland on both sides, a “boardwalk” style walkway would be staff’s recommendation for this location.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Neighborhood Request



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				55	195	250
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$55	\$195	\$250
Expenses	Design				50		50
	Proj. Admin				5	20	25
	Construction					175	175
Expenses Total		\$-	\$-	\$-	\$55	\$195	\$250

TRANSPORTATION PATHWAYS

Project Name: Cornell - Hemlock to Bergis Pathway

Project Description: This project consists of a 2,500 ft long asphalt pathway. Part of this pathway would be through area deemed sensitive lands-tree grove. This would require the removal of old growth trees. There would be drainage and ADA accessibility issues.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Neighborhood Request



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					315	315
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$315	\$315
Expenses	Design					50	50
	Proj. Admin					35	35
	Construction					230	230
Expenses Total		\$-	\$-	\$-	\$-	\$315	\$315

TRANSPORTATION PATHWAYS

Project Name: Daniel Way Pathway

Project Description: This project includes an 800 ft long, 5 ft wide asphalt pathway between Carman Dr and the West End Building. This pathway would provide safe access for the residents wanting to go to the West End Building or Lake Grove Village Center.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Trails Master Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		90				90
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$90	\$-	\$-	\$-	\$90
Expenses	Design		15				15
	Proj. Admin		5				5
	Construction		70				70
Expenses Total		\$-	\$90	\$-	\$-	\$-	\$90

TRANSPORTATION PATHWAYS

Project Name: E Avenue Neighborhood Pathway

Project Description: E Avenue pathway will be a 1642 ft long, 5 ft wide asphalt pathway between 4th St and 10th St that includes stormwater drainage improvements. The pathway is part of the Comprehensive Plan and is included in the Metro Regional Pathway/Trail Plan. The First Addition Neighborhood has been very proactive in maintaining a clear right-of-way. Alta Planning has completed preliminary design for the pathway project. City is applying for ODOT funds from Bike/Pedestrian program for Federal FY 2012/13.

It is important to note that the entire neighborhood lacks surface water drainage systems. Surface water runoff would be increased by this project, which is a concern of the neighborhood. Using the November 2009 drainage study for the area, the cost of a sustainable low impact development drainage system is approximately \$148,000 per block. To work on the pathway as a stand-alone project and to address the drainage within the project limits, approximately 8 blocks of drainage work would need to be added, amounting to an additional \$1.2 million.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Metro Regional Pathway/Trail Plan/TAB Recommendation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			30			30
	SDC's						-
	Bonds						-
	Grants			260			260
Resources Total		\$-	\$-	\$290	\$-	\$-	\$290
Expenses	Design			60			60
	Proj. Admin			30			30
	Construction			200			200
Expenses Total		\$-	\$-	\$290	\$-	\$-	\$290

TRANSPORTATION PATHWAYS

Project Name: Fernwood Dr - Mapleleaf to Greentree Ave

Project Description: This project includes a 1,200 ft long, 5 ft wide asphalt pathway. The grade is fairly flat and there are ditch lines on both sides of the roadway. This pathway would require an extensive drainage plan for this location.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan and Palisades Neighborhood Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				55	195	250
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$55	\$195	\$250
Expenses	Design				50		50
	Proj. Admin				5	20	25
	Construction					175	175
Expenses Total		\$-	\$-	\$-	\$55	\$195	\$250

TRANSPORTATION PATHWAYS

Project Name: Fernwood Dr/Tree Top Lane Community Pathway

Project Description: This project includes a 3,300 ft long, 5 ft wide pathway between South Shore Blvd and Tree Top Lane and a 5.5 ft wide concrete sidewalk along Tree Top Lane. This pathway could need extensive storm sewage system to pipe the ditch lines in the right-of-way and there would be lost on-street parking along sections of this roadway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Palisades Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			90	340		430
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$90	\$340	\$-	\$430
Expenses	Design			80			80
	Proj. Admin			10	30		40
	Construction				310		310
Expenses Total		\$-	\$-	\$90	\$340	\$-	\$430

TRANSPORTATION PATHWAYS

Project Name: Fir Ridge Rd Sidewalk

Project Description: This project includes a 900 ft long 5.5 ft wide concrete sidewalk. The width of the roadway makes it ideal for a sidewalk which would allow homeowners to maintain on-street parking for both sides. This sidewalk would connect at one end with Wembley Park pathway and Springbrook Park.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		20	85			105
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$20	\$85	\$-	\$-	\$105
Expenses	Design		15				15
	Proj. Admin		5	10			15
	Construction			75			75
Expenses Total		\$-	\$20	\$85	\$-	\$-	\$105

TRANSPORTATION PATHWAYS

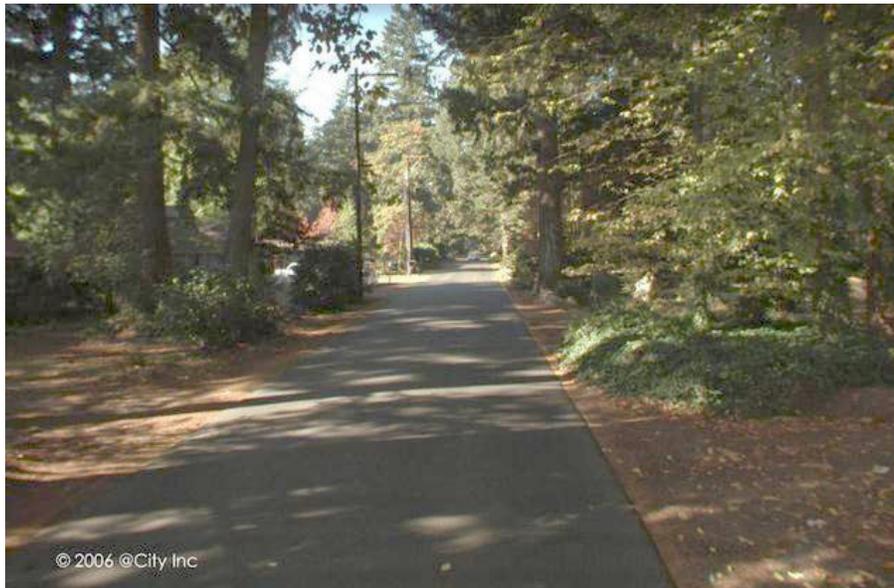
Project Name: **Firwood Rd Neighborhood Pathway**

Project Description: This project includes a 2,500 ft long, 5 ft wide asphalt pathway. The City would need to acquire right-of-way and remove large Douglas Fir trees to implement this pathway. Priority of this pathway is based on acquiring road authority for part of this project from Clackamas County.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Lake Forest neighborhood Request



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		70	255			325
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$70	\$255	\$-	\$-	\$325
Expenses	Design		65				65
	Proj. Admin		5	25			30
	Construction			230			230
Expenses Total		\$-	\$70	\$255	\$-	\$-	\$325

TRANSPORTATION PATHWAYS

Project Name: Glenmorrie Drive-Hwy 43 to Old River Rd

Project Description: This project includes a 2,400 ft long, 5 ft wide asphalt pathway, that would have to run on the southeast side of the roadway. There are some right-of-way issues along some section of this roadway and there is a heritage tree along the edge of the roadway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Trails Master Plan and Glenmorrie Neighborhood Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			65	235		300
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$65	\$235	\$-	\$300
Expenses	Design			60			60
	Proj. Admin			5	25		30
	Construction				210		210
							-
Expenses Total		\$-	\$-	\$65	\$235	\$-	\$300

TRANSPORTATION PATHWAYS

Project Name: Goodall-Knaus to Country Club Pathway

Project Description: This project consists of a 3,300 ft long, 5 ft wide pathway. There are ditch lines on both sides of the roadway, Nettle Creek runs year-round in the east ditch line. The project priority, funding and selection is subject to transfer of road authority from Clackamas County to City of Lake Oswego.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				90	310	400
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$90	\$310	\$400
Expenses	Design				80		80
	Proj. Admin				10	35	45
	Construction					275	275
Expenses Total		\$-	\$-	\$-	\$90	\$310	\$400

TRANSPORTATION PATHWAYS

Project Name: Greentree Rd Community Pathway

Project Description: This project includes a 2,400 ft long, 5 ft wide pathway between Fernwood Dr and Westview Dr. The project would use shoulder areas that would eliminate parking and require retaining walls and drainage modifications.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Palisades Neighborhood Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			50	165		215
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$50	\$165	\$-	\$215
Expenses	Design			45			45
	Proj. Admin			5	15		20
	Construction				150		150
							-
Expenses Total		\$-	\$-	\$50	\$165	\$-	\$215

TRANSPORTATION PATHWAYS

Project Name: Kelok Neighborhood Pathway

Project Description: This project includes a 1,000 ft long, 5 ft wide asphalt pathway between South Shore Blvd and Bryant Rd. The pathway is listed on the Trails Master Plan as a proposed Community Connector between South Shore Blvd and Cardinal Dr and local pathway from Cardinal Dr to Bryant Rd.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				38	88	126
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$38	\$88	\$126
Expenses	Design				25		25
	Proj. Admin				13		13
	Construction					88	88
Expenses Total		\$-	\$-	\$-	\$38	\$88	\$126

TRANSPORTATION PATHWAYS

Project Name: Kerr Parkway Pathway

Project Description: This section of pathway would be approximately 1,400 ft long and 6 ft wide and would run along the east side of Kerr Pkwy between Boones Ferry and McNary (lower intersection). This pathway would occur in cooperation with the Mountain Park Home Owner Association as an extension of a pathway they have built along Common Property

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Trails Master Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		175				175
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$175	\$-	\$-	\$-	\$175
Expenses	Design		30				30
	Proj. Admin		15				15
	Construction		130				130
Expenses Total		\$-	\$175	\$-	\$-	\$-	\$175

TRANSPORTATION PATHWAYS

Project Name: Knaus Rd - Boones Ferry Rd to Country Club Rd Pathway

Project Description: This project includes a 4,500 ft long, 5 ft wide asphalt pathway. Some of this roadway is still in Clackamas County road authority and sections of pathway have been built through annexation and redevelopment. Priority of this project would be based on acquiring road authority from Clackamas County.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				115	450	565
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$115	\$450	\$565
Expenses	Design				105		105
	Proj. Admin				10	50	60
	Construction					400	400
Expenses Total		\$-	\$-	\$-	\$115	\$450	\$565

TRANSPORTATION PATHWAYS

Project Name: Kruse Way Pathway

Project Description: This project will repair the pathway that has been damaged due to tree root uplifting. Repairs will be limited to small areas along the northside pathway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2011

Justification: Trails Master Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street/Bicycle Fund	Operating		134				134
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$134	\$-	\$-	\$-	\$134
Expenses	Design		21				21
	Proj. Admin		10				10
	Construction		103				103
							-
Expenses Total		\$-	\$134	\$-	\$-	\$-	\$134

TRANSPORTATION PATHWAYS

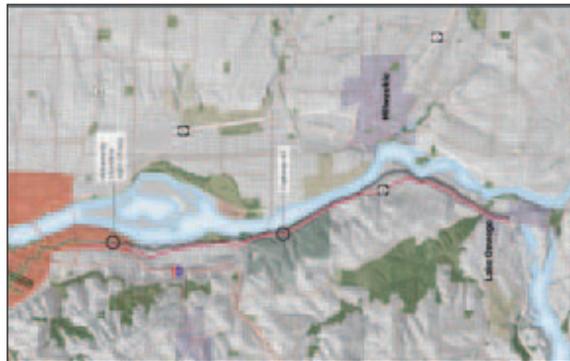
Project Name: Lake Oswego to Portland Trail

Project Description: The project follows the Willamette River from Portland's south Waterfront through Johns Landing and ends in the Lake Oswego Foothills District. This trail would provide a bicycle and pedestrian facility along the corridor, providing much needed alternative transportation options in the constrained Highway 43 corridor. The project is compatible with the simultaneous effort for development of the Streetcar system from Portland to Lake Oswego. Currently managed by METRO, and sponsored by Lake Oswego, Portland and Clackamas County, the project is on the 2035 Regional Transportation Plan Financially Constrained List (project ID 10087). It's also on a large number of other regional lists. METRO has applied for the project to be considered for an Active Transportation Corridor grant, which would include Federal funding. The City of Lake Oswego's portion is undetermined at this time. The project is currently anticipated to be completed in 3 phases:
 Phase 1: 1-3 years - \$4.5 million
 Phase 2: 3-5 years - \$7.8 million
 Phase 3: 5-10 years - \$34 million

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2020

Justification: Regional Transportation Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street	Operating						-
	SDC's						-
	Bonds						-
	Grants				4,500	7,800	12,300
Resources Total		\$-	\$-	\$-	\$4,500	\$7,800	\$12,300
Expenses	Design				4,500	7,800	12,300
	Proj. Admin						-
	Construction						-
							-
Expenses Total		\$-	\$-	\$-	\$4,500	\$7,800	\$12,300

TRANSPORTATION PATHWAYS

Project Name: Lakeview - Iron Mountain to end of Lakeview Pathway

Project Description: This project encompasses a continuance of an existing 5 ft wide pathway for an additional 750 ft in length. There are right-of-way issues along this section of roadway and an extensive retaining wall would have to be built. Geotechnical work, engineering and design will also be needed.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				140	760	900
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$140	\$760	\$900
Expenses	Design				135		135
	Proj. Admin				5	40	45
	Construction					720	720
Expenses Total		\$-	\$-	\$-	\$140	\$760	\$900

TRANSPORTATION PATHWAYS

Project Name: Lanewood/Douglas Circle Pathway

Project Description: This project includes a 2,100 ft long, 5 ft wide asphalt pathway that would run along Lanewood St and Douglas Cir between Twin Fir Rd and Boones Ferry Rd. The area has very few physical issues and is in the Lake Grove Elementary School walking route.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Trails Master Plan and Lake Grove Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			55	195		250
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$55	\$195	\$-	\$250
Expenses	Design			50			50
	Proj. Admin			5	20		25
	Construction				175		175
Expenses Total		\$-	\$-	\$55	\$195	\$-	\$250

TRANSPORTATION PATHWAYS

Project Name: Laurel St - Hallinan St to Cornell St Pathway

Project Description: This project involves a 1,600 ft long, 6 ft wide sidewalk incorporating some current sidewalks. This pathway is listed on the 2002 Transportation Advisory Board's "top ten" list. A feasibility study and sidewalk design were completed in 2008. A large retaining wall will have to be built, the roadway will have to be widened to meet City standards and drainage will have to be improved.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Trails Master Plan and TAB recommendation



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		100	1,320			1,420
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$100	\$1,320	\$-	\$-	\$1,420
Expenses	Design		50				50
	Proj. Admin		5	20			25
	Construction		45	1,300			1,345
							-
Expenses Total		\$-	\$100	\$1,320	\$-	\$-	\$1,420

TRANSPORTATION PATHWAYS

Project Name: Library to Adult Community Center (ACC) Pathway

Project Description: This projects encompasses two pathways: 4th St between E Ave and F Ave (200 ft) and G Ave between 4th St and ACC (300 ft). This project could be combined with the E Avenue Neighborhood Pathway project and would provide connectivity if both facilities remain in the current location. These are on the 2002 Transportation Advisory Board “top ten” list.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Neighborhood Plan and TAB Recommendation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		12	53			65
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$12	\$53	\$-	\$-	\$65
Expenses	Design		10				10
	Proj. Admin		2	5			7
	Construction			48			48
Expenses Total		\$-	\$12	\$53	\$-	\$-	\$65

TRANSPORTATION PATHWAYS

Project Name: Meadowlark Lane-Overlook Dr to Ridge Pointe Dr

Project Description: This project would continue an existing sidewalk for another 700 ft from Overlook Dr to just before Ridge Pointe Dr. This sidewalk would go behind an existing curb and gutter and would need to remove some existing landscaping and a couple of large caliper trees.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Palisades Neighborhood Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			25	85		110
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$25	\$85	\$-	\$110
Expenses	Design			20			20
	Proj. Admin			5	10		15
	Construction				75		75
Expenses Total		\$-	\$-	\$25	\$85	\$-	\$110

TRANSPORTATION PATHWAYS

Project Name: Mercantile Dr Pathway

Project Description: This project consists a 400 ft long, 5 ft wide asphalt pathway between Boones Ferry Rd and Hallmark Dr.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Waluga Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				50		50
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$50	\$-	\$50
Expenses	Design				10		10
	Proj. Admin				5		5
	Construction				35		35
Expenses Total		\$-	\$-	\$-	\$50	\$-	\$50

TRANSPORTATION PATHWAYS

Project Name: Oak St - McVey Ave to Palisades Terrace Dr Pathway

Project Description: This project consists of a 1,000 ft long, 5 ft wide asphalt pathway. The area is fairly flat and there is adequate right-of-way. There is one narrow spot at Lost Dog Creek culvert that may add to the total cost estimate.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					130	130
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$-	\$-	\$-	\$130	\$130
Expenses	Design					26	26
	Proj. Admin					13	13
	Construction					91	91
Expenses Total		\$-	\$-	\$-	\$-	\$130	\$130

TRANSPORTATION PATHWAYS

Project Name: Palisades Crest Dr Neighborhood Pathway

Project Description: This project consists of a 1,100 ft long local pathway between Hillside Dr and Cook's Butte Park. A sidewalk along the northeast side would be where streetlights already exist. In addition, this route has the flattest grade and would limit the amount of retaining walls. Several utilities would need to be moved and some trees would be removed.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Palisades Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				40	135	175
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$40	\$135	\$175
Expenses	Design				35		35
	Proj. Admin				5	12	17
	Construction					123	123
Expenses Total		\$-	\$-	\$-	\$40	\$135	\$175

TRANSPORTATION PATHWAYS

Project Name: Reese-Lakeview Pathway Rehabilitation

Project Description: This pathway was built in the early 1990's and connects Reese Rd to Lakeview Blvd at the Swim Park. The upper end of the segment to the south of the rail line is a hand-built rock stairway that is falling apart. The surface is uneven and difficult to walk on. There are also a number of issues with the portion crossing the train tracks.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Safety



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Streets	Operating		29				29
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$29	\$-	\$-	\$-	\$29
Expenses	Design		6				6
	Proj. Admin		3				3
	Construction		20				20
							-
Expenses Total		\$-	\$29	\$-	\$-	\$-	\$29

TRANSPORTATION PATHWAYS

Project Name: Roehr Park Pathway Repair/Upgrade

Project Description: This pathway is part of the Metro Regional Trail System. The pathway is approximately 6 ft wide, which does not comply with the Metro Regional Trail standards of 10 ft minimum to accommodate pedestrians and bicyclists. In addition, a portion of the pathway is in disrepair due to root heave and erosion from high water. This project will widen the pathway to meet Metro Regional Trail standards. In addition this project will look at either relocating the pathway, or constructing a boardwalk to avoid high water and resolve root heave issues.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2014

Justification: Safety



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Streets/Parks/ Beautification	Operating			45	345		390
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$45	\$345	\$-	\$390
Expenses	Design			40	20		60
	Proj. Admin			5	25		30
	Construction				300		300
Expenses Total		\$-	\$-	\$45	\$345	\$-	\$390

TRANSPORTATION PATHWAYS

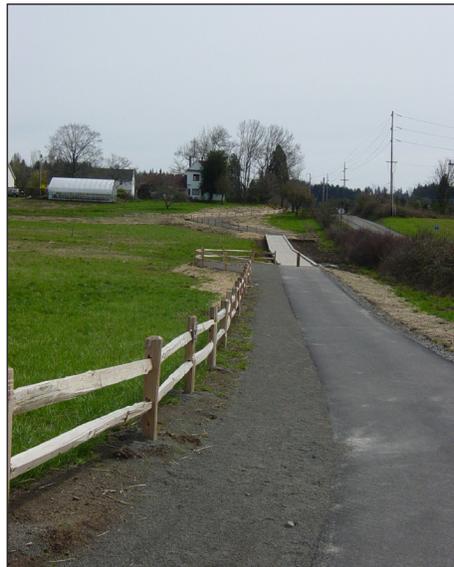
Project Name: Rosemont Trail Phase 2

Project Description: The Rosemont Trail is a 10 ft wide multi-use regional trail in the Stafford Basin connecting Lake Oswego to West Linn. The first leg of this trail, from Hazelia to Firlane Farm, was completed in 2006. Funding for the second phase of the project will complete Lake Oswego's remaining section of the trail from Firlane Farm to the Rosemont Area. West Linn is completing its section of the trail in 2010.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2011

Justification: Completion of Previous Project; 2010 PRAB Goal



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		100				100
	SDC's						-
	Bonds						-
	Other		350				350
Resources Total		\$-	\$450	\$-	\$-	\$-	\$450
Expenses	Design						-
	Proj. Admin		40				40
	Construction		410				410
							-
Expenses Total		\$-	\$450	\$-	\$-	\$-	\$450

TRANSPORTATION PATHWAYS

Project Name: Small Infill Pathways and Sidewalks

Project Description: This project encompasses four short segments of asphalt concrete where each location should be bid as a lump sum separate project. The total of all of the lump sum bids will be the basis for the bid award. This way all mobilization, bonding and insurance, traffic control, labor, excavation and disposal cost will be reduced by combining small projects: Boones Ferry Rd between Knaus Rd.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Various Neighborhood Plans



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating		100				100
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$100	\$-	\$-	\$-	\$100
Expenses	Design		25				25
	Proj. Admin		15				15
	Construction		60				60
Expenses Total		\$-	\$100	\$-	\$-	\$-	\$100

TRANSPORTATION PATHWAYS

Project Name: State Street Streetscape

Project Description: By agreement, the City is responsible for sidewalks, and by extension, street trees. While we can pass this responsibility on to adjacent properties, at least for sidewalks, the current design is leading to multiple trip hazards due to street trees lifting sidewalk panels. In the past, the City has been directed to grind trip hazards but the panels continue to lift. The trees are not suitable for the available space, are not in good condition and are reaching the upper end of their life spans. As a highly visible street, the City would benefit from redesigning and reconstructing the sidewalk zones to provide a safe and more aesthetically pleasing face to the community. The street length is approximately 4,000 ft. with sidewalks on both sides.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2016

Justification: Pedestrian Safety, Beautification, Sustainability/Resource Use Reductions



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Streets/LORA	Operating				30	500	530
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$30	\$500	\$530
Expenses	Design				27	475	502
	Proj. Admin				3	25	28
	Construction						-
Expenses Total		\$-	\$-	\$-	\$30	\$500	\$530

TRANSPORTATION PATHWAYS

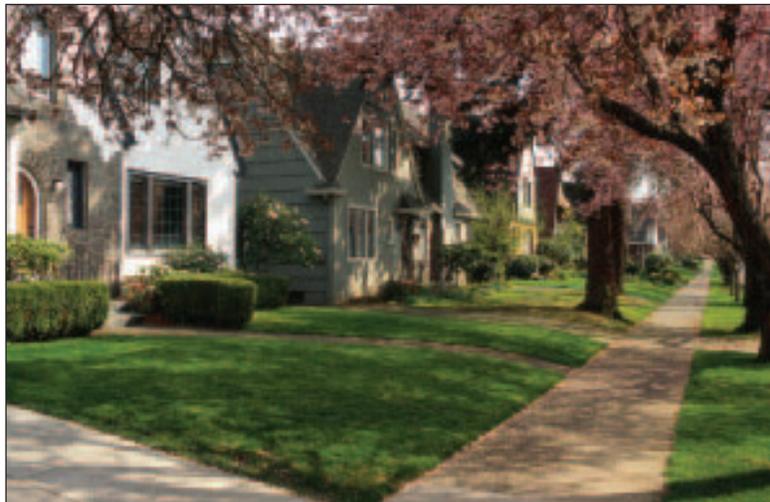
Project Name: Street Tree/Sidewalk Conflicts “Toolbox”

Project Description: The majority of condition issues with sidewalks are due to street trees. The trees and the sidewalks are both highly valued, but determining how to address site specific problems requires development of City policy and a “toolbox” of options. This manual would be utilized by City staff and by property owners addressing sidewalk/street tree problems. This manual will provide more effective means for addressing trip hazards in sidewalks. Development will allow for more efficient response by City crews and/or other staff providing guidance to the public.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Safety



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Streets/General Fund	Operating		53				53
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$53	\$-	\$-	\$-	\$53
Expenses	Design		50				50
	Proj. Admin		3				3
	Construction						-
Expenses Total		\$-	\$53	\$-	\$-	\$-	\$53

TRANSPORTATION PATHWAYS

Project Name: Timberline Dr - Knaus Rd to Bonniebrae Dr Sidewalk

Project Description: This project encompasses a 32 ft wide roadway, making this a good candidate for a 6 ft wide sidewalk. This would leave on-street parking and would provide additional traffic calming by narrowing the roadway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				70	255	325
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$-	\$-	\$70	\$255	\$325
Expenses	Design				65		65
	Proj. Admin				5	25	30
	Construction					230	230
Expenses Total		\$-	\$-	\$-	\$70	\$255	\$325

TRANSPORTATION PATHWAYS

Project Name: Tryon Creek Pedestrian Bridge (Regional Trail)

Project Description: Design a pedestrian bridge across Tryon Creek connecting the existing pathway in the north end of Foothills Park to Tryon Cove Park on the north side of the creek. This project is contingent upon submitting a Metropolitan Transportation Improvement Program (MTIP) funding request for design during the FY 2011-12 funding request cycle, and then receiving the funds to hire an engineering firm to design the project in FY 2013-14. Construction will be contingent upon receiving additional MTIP or regional funding in addition to City funds.

Funded/Unfunded: Ununded

Estimated Date of Completion: Design: Spring 2014; Construction: FY 2017-2018

Justification: Regional Trail Priority



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				33		33
	SDC's						-
	Bonds						-
	Grants				267		267
Resources Total		\$-	\$-	\$-	\$300	\$-	\$300
Expenses	Design				300		300
	Proj. Admin						-
	Construction						-
Expenses Total		\$-	\$-	\$-	\$300	\$-	\$300

TRANSPORTATION PATHWAYS

Project Name: Twin Fir Rd - Upper Dr to Boones Ferry Rd

Project Description: This project includes a 3,500 ft long, 5 ft wide asphalt pathway. Sections of this roadway will need large retaining walls along with geotechnical studies, engineering and design work.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				190	1,010	1,200
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$190	\$1,010	\$1,200
Expenses	Design				180		180
	Proj. Admin				10	50	60
	Construction					960	960
Expenses Total		\$-	\$-	\$-	\$190	\$1,010	\$1,200

TRANSPORTATION PATHWAYS

Project Name: Waluga Dr Neighborhood Pathway

Project Description: This project includes a 1,200 ft long, 5 ft wide asphalt pathway that would run between Oakridge Rd and Madrona Dr. The right-of-way would have to be acquired and several large Douglas fir trees would have to be removed. Much of this area has not been annexed into the City of Lake Oswego.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				55	125	180
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$55	\$125	\$180
Expenses	Design				50		50
	Proj. Admin				5	15	20
	Construction					110	110
Expenses Total		\$-	\$-	\$-	\$55	\$125	\$180

TRANSPORTATION PATHWAYS

Project Name: Washington Court Pathway

Project Description: This project consist of a 800 ft long, 5 ft wide asphalt pathway listed as a community trail for the Trails Master Plan. Right-of-way may need to be acquired, encroachment issues and large Douglas Fir trees may make this pathway costly.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Trails Master Plan



PATHWAYS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			55	95		150
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$55	\$95	\$-	\$150
Expenses	Design			50			50
	Proj. Admin			5	10		15
	Construction				85		85
							-
Expenses Total		\$-	\$-	\$55	\$95	\$-	\$150

TRANSPORTATION PATHWAYS

Project Name: Westview Dr - Greentree Rd and South Shore Blvd

Project Description: This project includes a 350 ft long, 5 ft wide asphalt pathway, along a very narrow section of roadway that would have to be brought up to City standards. Due to steep banks on both sides, a large retaining wall would be needed. There are cantilever driveways and Douglas Fir trees that would need to be removed. This plan will need a geotechnical study done, as well as engineering and design work.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Trails Master Plan and Neighborhood Association Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				175	575	750
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$175	\$575	\$750
Expenses	Design				150		150
	Proj. Admin				25	50	75
	Construction					525	525
Expenses Total		\$-	\$-	\$-	\$175	\$575	\$750

TRANSPORTATION BICYCLE PATHWAYS

Bicycle Pedestrian Pathways Project Summary

	General Fund	Street/Bicycle Fund	Assessment Fund	State, Fed Other	Total
Citywide Bicycle/Pedestrian Pathway Repair and Maintenance		105,776			\$105,776
BICYCLE PROJECTS TOTAL	\$0	\$105,776	\$0	\$0	\$105,776

BICYCLE PATHWAYS

TRANSPORTATION BICYCLE PATHWAYS

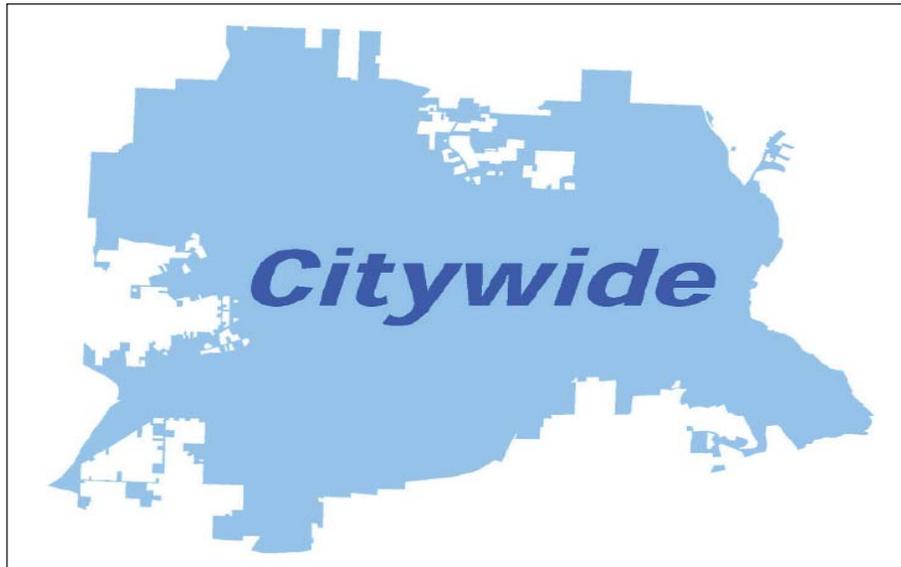
Project Name: Citywide Bicycle Pedestrian Pathway Repair and Maintenance

Project Description: General repair of bicycle and pedestrian pathways throughout the City, including but not limited to removal of tree roots, installation of truncated domes, and asphalt overlays. For FY 2010/11 these funds will be used for the Kruse Way Pathway Repair (see Transportation Pathways section).

Funded/Unfunded: Funded

Estimated Date of Completion: Summer 2011

Justification: Periodic Asset Maintenance



		Fiscal Year (\$000)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street/Bikepath	Operating	105.776					105.776
	SDC's						0.000
	Bonds						0.000
	Grants						0.000
Resources Total		105.776	0.000	0.000	0.000	0.000	105.776
Expenses	Design	15.					15.
	Proj. Admin	10.					10.
	Construction	80.776					80.776
Expenses Total		105.776	0.000	0.000	0.000	0.000	105.776

Transit Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Unfunded						
Lake Oswego to Portland Transit Improvements		6,000,000				6,000,000
Total	0	6,000,000	0	0	0	6,000,000

TRANSPORTATION TRANSIT

Project Name: Lake Oswego to Portland Transit Improvement

Project Description: Transit improvement between Lake Oswego and Portland will either be a Bus Rapid Transit system or a Streetcar line. The City and other regional agencies including Metro, Tri-Met, Clackamas County and the City of Portland will be funding the local portion of the planning, design and construction of the project. Design and construction cost estimates are \$205M to \$260M for the entire project. The City's portion will be approximately \$6M. Federal participation is expected to be approximately 60% of the project costs.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: City Council Goal



Fiscal Year (\$ in 000's)

Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		6,000				6,000
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$6,000	\$-	\$-	\$-	\$6,000
Expenses	Design						-
	Proj. Admin						-
	Construction		6,000				6,000
							-
Expenses Total		\$-	\$6,000	\$-	\$-	\$-	\$6,000

Water System:

The City's water source originates in the Clackamas River Basin. Water is pumped from a river intake pump station in Gladstone through a 27 inch raw water transmission line that travels under the Willamette River and to a water treatment plant in West Linn. The water treatment plant is connected to the City water distribution network by a 24 inch finished water transmission pipeline. The water distribution system consists of approximately 250 miles of transmission and distribution mains, 16 water storage reservoirs, and 12 pump stations. The water system serves the City of Lake Oswego as well as unincorporated areas such as Forest Highlands and west Lake Grove. The City wholesales surplus water to the Lake Grove Water District, Hidalgo/Arrowood Water, Alto Park, Skyland Water District and the City of Tigard. The Lake Oswego water system also serves as an emergency water supply for the City of West Linn.

Major Projects:

Construction projects included in the CIP are generally based on the 2001 "Water System Master Plan" update. The plan describes system deficiencies and identifies projects that must be constructed to serve existing and future water needs. The plan identifies when major upgrades to the City water intake and distribution system should be made in order to keep up with the demand of the increasing population of the area.

The most significant upcoming project is the Lake Oswego Tigard Water Supply Expansion Project. This joint project will be managed by the City of Lake Oswego and will increase the river intake and water treatment plant capacity from 16 mgd to 32 mgd. This project will also include approximately 15,000 ft. of new raw water pipeline from the intake under the Willamette River and to the Water Treatment Plant. A second finished water pipeline approximately 25,000 ft., will be installed parallel to the existing line from the Water Treatment Plant to the Waluga Reservoir.

Annual Rehabilitation Projects:

Projects included in the annual rehab program are identified by Maintenance Services staff, the Fire Department, and citizen complaints. Maintenance projects are targeted for areas of the distribution system with high maintenance and repair costs, poor fire flows, and low domestic water pressure. Improvements to pump stations, reservoirs and the water treatment plant will increase the reliability, energy efficiency and safety of these facilities. Annual System Rehabilitation projects are also included in the CIP as a vital component of the water system. Many lines throughout the City are leaky or undersized, which results in loss of water and flow inefficiencies. In the early years of Lake Oswego, much of the water system was installed with undersized lines throughout the system. Through the annual rehabilitation program, old, deteriorating undersized water lines are replaced with larger, ductile iron water mains.

Funding Source:

The Water Fund is an enterprise fund used to account for all financial activity associated with the operation and maintenance of the City's water utility system. Water utility improvement projects are supported by the City's Water fees, which are restricted to purposes related to construction, repair, and operation of the water system.

Additionally, System Development Charges are recovered from new development projects, but this is a minor portion of the overall funding for this program.

UTILITIES

WATER

Water Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Annual Water Main Rehabilitation	867,000					867,000
Cathodic Protection Evaluation and Upgrades	19,000	112,000	195,000			326,000
Distribution Pump Efficiency Upgrades	38,000	118,000	93,000			249,000
Fire Hydrant Upgrade-Replacement Program	34,000	34,000	34,000	34,000	34,000	170,000
Paired Reservoir Balance Project	25,000	75,000	100,000			200,000
Summit Reservoir Overflow Line	20,000	200,000				220,000
Water Age Modeling Project	60,000	60,000				120,000
Unfunded						
PRV Stations Inspect and Rebuild Program		71,000				71,000
Southshore Water Reservoir Landscaping Rehabilitation			75,000			75,000
Water Conservation Garden		100,000	50,000			150,000
Water Loss Audit		75,000	65,000	65,000		205,000
Total	1,063,000	845,000	612,000	99,000	34,000	2,653,000

Funded Water Projects

	General Fund	Water Fund	SDC Fund	Other/ Grants	Total
Annual Water Main Rehabilitation		867,000			867,000
Cathodic-Protection Evaluation and Upgrades		19,000			19,000
Distribution Pump Efficiency Upgrades		28,000		10,000	38,000
Fire Hydrant Upgrade Replacement Program		34,000			34,000
Paired Reservoir Balance Project		25,000			25,000
Summit Reservoir Overflow Line		20,000			20,000
Water Age Modeling Project		60,000			60,000
WATER PROJECTS TOTAL		\$1,053,000		\$10,000	\$1,063,000

UTILITIES

WATER

Project Name: Annual Water Main Rehabilitation Program

Project Description: These projects replace old, undersized pipelines and pipelines that do not meet engineering design criteria for peak water demands and fire flow. The project list is to be developed from the Master Plan recommendations as well as from trouble spots suggested by Maintenance Services Department and identified by coexisting streets or sewer projects.

Funded/Unfunded: Funded

Estimated Date of Completion: Annual

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating	867					867
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$867	\$-	\$-	\$-	\$-	\$867
Expenses	Design	132					132
	Proj. Admin	35					35
	Construction	700					700
							-
Expenses Total		\$867	\$-	\$-	\$-	\$-	\$867

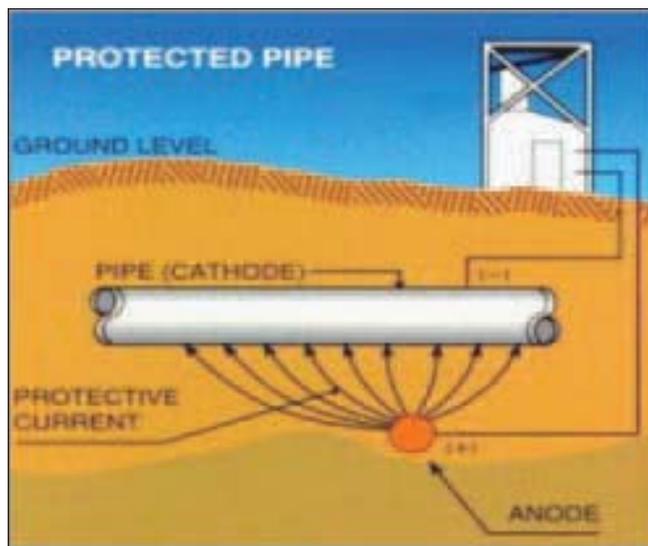
Project Name: Cathodic Protection Evaluation and Upgrades

Project Description: Evaluate existing City facilities for cathodic protection needs and functionality, identify needed improvements and fund construction. Cathodic protection counteracts potential corrosion in underground and underwater facilities including metal pipes, storage tanks, reservoirs and docks. The City has a number of facilities without any cathodic protection or with cathodic protection that may not be effective. In order to maximize facility lifespan, each should be evaluated for cathodic protection needs, followed by appropriate retrofits.

Funded/Unfunded: Funded

Estimated Date of Completion: 2013

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water, other	Operating	19	112	195			326
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$19	\$112	\$195	\$-	\$-	\$326
Expenses	Design	18	18	30			66
	Proj. Admin	1	9	15			25
	Construction		85	150			235
Expenses Total		\$19	\$112	\$195	\$-	\$-	\$326

WATER

UTILITIES

WATER

Project Name: Distribution Pump Efficiency Upgrades

Project Description: Many of the distribution pump stations will benefit from energy savings with upgraded premium efficiency pumps and motors. An energy audit of the distribution system pump stations that have not been recently upgraded will help us to identify viable candidates for replacement. Energy trust funds may be available for a study and/or replacement.

Funded/Unfunded: Funded

Estimated Date of Completion: 2013

Justification: Energy Efficiency/System Reliability



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating	28	98	73			199
	SDC's						-
	Bonds						-
	Grants	10	20	20			50
Resources Total		\$38	\$118	\$93	\$-	\$-	\$249
Expenses	Design	25	25				50
	Proj. Admin	13	13	13			39
	Construction		80	80			160
Expenses Total		\$38	\$118	\$93	\$-	\$-	\$249

Project Name: Fire Hydrant Upgrade/Replacement Program

Project Description: Replace existing fire hydrants that are not up to current fire standards or upgrade/retrofit existing hydrants where applicable to LOFD standards (store fittings).

Funded/Unfunded: Funded

Estimated Date of Completion: Annual Program

Justification: Best Management Practices



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating	34	34	34	34	34	170
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$34	\$34	\$34	\$34	\$34	\$170
Expenses	Design	8	8	8	8	8	40
	Proj. Admin	1	1	1	1	1	5
	Construction	25	25	25	25	25	125
							-
Expenses Total		\$34	\$34	\$34	\$34	\$34	\$170

UTILITIES WATER

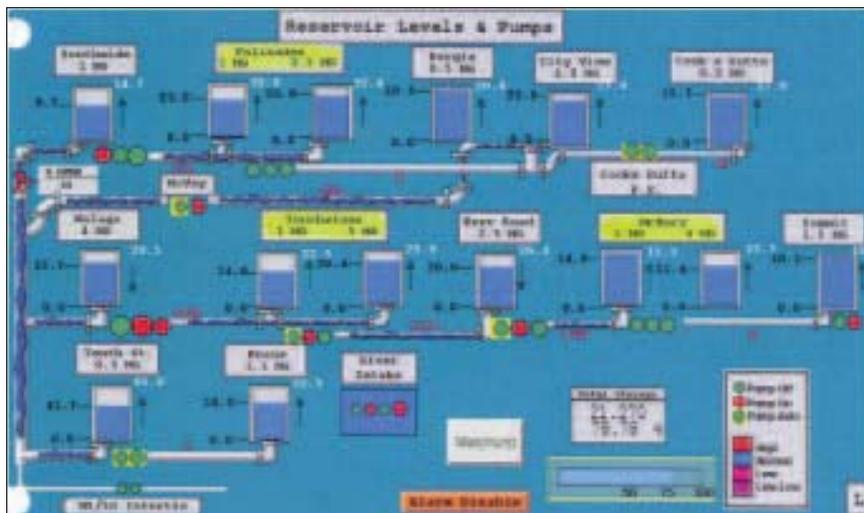
Project Name: Paired Reservoir Balance Project

Project Description: There are three sets of paired hydraulically connected reservoirs in the City water distribution system: Touchstone, Palisades, and McNary. The reservoirs represent a total of 15 million gallons of storage. In the summer when water demand is high, these reservoirs often become unbalanced with one reservoir draining very quickly while the other remains full preventing the utilization of some of the stored water. A study to examine the best way to hydraulically balance these reservoirs would allow us to utilize all of the available storage.

Funded/Unfunded: Funded

Estimated Date of Completion: 2013

Justification: Better Utilization of Available Storage



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating	25	75	100			200
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$25	\$75	\$100	\$-	\$-	\$200
Expenses	Design	20	20				40
	Proj. Admin	5	5				10
	Construction		50	100			150
Expenses Total		\$25	\$75	\$100	\$-	\$-	\$200

UTILITIES WATER

Project Name: Summit Reservoir Overflow Line
Project Description: Replace approximately 300 ft of deteriorated, broken 15 inch corrugated pipe drain line that has caused property damage to adjacent homes.
Funded /Unfunded: Funded
Estimated Date of Completion: 2012
Justification: Risk Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating	20	200				220
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$20	\$200	\$-	\$-	\$-	\$220
Expenses	Design	18					18
	Proj. Admin	2	10				12
	Construction		190				190
							-
Expenses Total		\$20	\$200	\$-	\$-	\$-	\$220

UTILITIES

WATER

Project Name: Water Age Modeling Project

Project Description: Water quality changes as water travels through the distribution system and increases in age. An examination of water age in the system will allow the Water Treatment Plant to operate for optimum water quality and preserve storage for fire flows.

Funded/Unfunded: Funded

Estimated Date of Completion: 2012

Justification: Water Quality



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating	60	60				120
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$60	\$60	\$-	\$-	\$-	\$120
Expenses	Design	50	50				100
	Proj. Admin	10	10				20
	Construction						-
Expenses Total		\$60	\$60	\$-	\$-	\$-	\$120

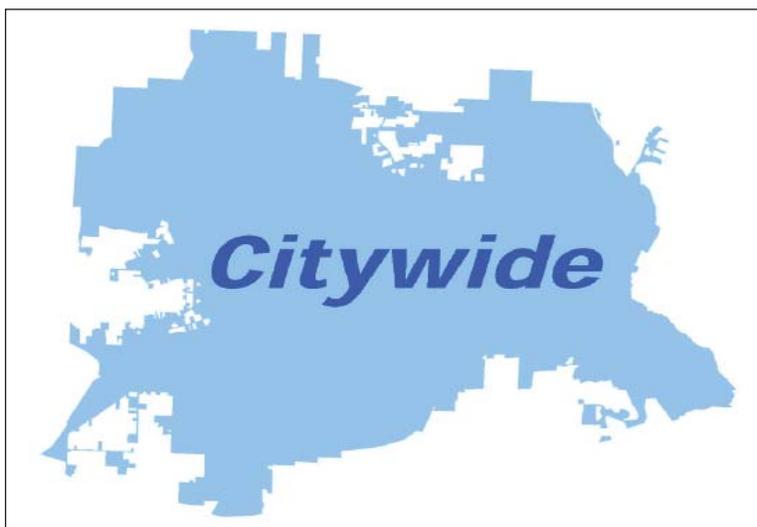
Project Name: PRV Stations Inspect and Rebuild Program

Project Description: Maintenance program by contracted service on a 5-year plan for the testing and rebuilding of 24 distribution pressure reducing stations and pump control valves at our plant stations. Best Management Practice calls for this maintenance every 5 years at a cost ranging from \$35,000 to \$50,000.

Funded /Unfunded: Unfunded

Estimated Date of Completion: 5-Year Program

Justification: Best Management Practice



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating		71				71
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$71	\$-	\$-	\$-	\$71
Expenses	Design		13				13
	Proj. Admin		8				8
	Construction		50				50
							-
Expenses Total		\$-	\$71	\$-	\$-	\$-	\$71

WATER

UTILITIES

WATER

Project Name: South Shore Water Reservoir Landscaping Rehabilitation

Project Description: City Code 34.10.520 and 530 requires all property owners to remove noxious vegetation and weeds over 10 inches in height. The western half of the site is covered by a large blackberry thicket and has been the cause of some complaints. Crews have periodically cut back the thicket at the property margins but this site is not in compliance with City Code. In addition, the eastern side of the site is heavily shaded and the existing walkway is often a slip hazard due to repeated and heavy moss growth. The site landscaping should be evaluated and redesigned to meet code requirements and serve as an example of City stewardship. While the western half of the site is slated for future reservoir growth, it could be considered a temporary location for other uses.

Funded /Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Code Compliance, Beautification, Maintainability



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating			75			75
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$75	\$-	\$-	\$75
Expenses	Design						-
	Proj. Admin			11			11
	Construction			64			64
							-
Expenses Total		\$-	\$-	\$75	\$-	\$-	\$75

Project Name: Water Conservation Garden

Project Description: The Water management and Conservation Plan mandated by the Oregon Water Resources Commission OAR 690, 86 and adopted by the City Council includes the development of an “outdoor water use/water conservation demonstration project.” This conservation garden will serve as an example of water-wise landscaping and irrigation practices. Proposed location is the West End Building.

Funded /Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Water Management and Conservation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating		100	50			150
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$100	\$50	\$-	\$-	\$150
Expenses	Design		20	10			30
	Proj. Admin		7	7			14
	Construction		73	33			106
							-
Expenses Total		\$-	\$100	\$50	\$-	\$-	\$150

UTILITIES

WATER

Project Name: Water Loss Audit

Project Description: The Lake Oswego Water System has approximately 16% of unaccounted for water (between 9% and 23%) as identified in its Water Management and Conservation Plan. An examination of the City's metering, billing, and leak detection program is needed to target where the unaccounted for water is going, which will allow the City to start billing for the loss. This project will be funded by operating funds in FY 2010/11 under Materials and Services.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Water Management and Conservation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating		75	65	65		205
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$75	\$65	\$65	\$-	\$205
Expenses	Design		20	10	10		40
	Proj. Admin		5	5	5		15
	Construction		50	50	50		150
							-
Expenses Total		\$-	\$75	\$65	\$65	\$-	\$205

UTILITIES

LAKE OSWEGO/TIGARD WATER SUPPLY EXPANSION OVERVIEW

Efforts to form a water supply partnership with the City of Tigard have been ongoing since 1995. In August, 2008, the councils of the two cities executed Intergovernmental Agreement (IGA) to work in good faith to plan, fund, design, construct and operated expanded water supply facilities currently owned by Lake Oswego.

The Lake Oswego – Tigard Water Supply Partnership Division was created in 2009 to execute the effort to meet each city's future water supply needs.

The scope for the project includes design and construction of a new 38 million gallon per day (mgd) water diversion structure located on the Clackamas River, approximately 15,000 feet of new raw (untreated) water transmission piping connecting the diversion structure to the City's Water Treatment Plant (WTP), an expansion of the WTP from its current capacity of 16 mgd to

32 mgd, approximately 35,000 feet of new finished (treated) water piping connecting the WTP to the City's terminal reservoir located near Waluga Park, a new 1.2 mg water reservoir and a replacement of the City of Tigard's existing Bonita Road Pump Station. Under the terms of the IGA between the two cities, Lake Oswego is the managing agency responsible to ensure the expanded facilities are constructed and operational on or before July 1, 2016.



UTILITIES

LAKE OSWEGO/TIGARD WATER SUPPLY EXPANSION

Lake Oswego/Tigard Water Supply Expansion Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Lake Oswego-Tigard Water Supply Expansion	8,120,000	10,261,000	36,130,000	72,559,000	64,121,000	191,191,000
Total	8,120,000	10,261,000	36,130,000	72,559,000	64,121,000	191,191,000

UTILITIES

LAKE OSWEGO/TIGARD WATER SUPPLY EXPANSION

Project Name: Lake Oswego/Tigard Water Supply Expansion

Project Description: Plan, design, finance and construct an expansion of Lake Oswego's water supply system from its current capacity of 16 million gallons per day (mgd) to 34 mgd and complete by July 1, 2016.

Funded /Unfunded: Funded

Estimated Date of Completion: July 1, 2016

Justification: Contractual Agreement with the City of Tigard



Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating	-	-	2,800	3,000	4,000	9,800
	SDC's		450	550	550	550	2,100
LO	Bonds	4,072	3,915	12,020	27,317	22,727	68,798
Tigard	Intergovt'l	4,048	5,896	20,760	41,692	36,844	109,240
Resources Total		\$8,120	\$10,261	\$36,130	\$72,559	\$64,121	\$191,191
Expenses	Design	-	6,332	4,830	1,359	585	13,106
	Proj. Admin	8,120	3,929	4,100	5,700	5,145	26,994
	Construction	-	-	27,200	65,500	58,391	151,091
Expenses Total		\$8,120	\$10,261	\$36,130	\$72,559	\$64,121	\$191,191

UTILITIES

LAKE OSWEGO/TIGARD WATER SUPPLY EXPANSION

UTILITIES

SURFACE WATER MANAGEMENT OVERVIEW

Surfacewater System

The 1987 revisions to the Federal Clean Water Act placed stringent water quality standards on the discharge of storm water runoff into streams, lakes, and rivers. The Surface Water Management (SWM) program was developed to address these water quality regulations and ongoing flooding problems throughout Lake Oswego.

To comply with the requirements of the Clean Water Act and resolve existing drainage problems, the City developed a SWM Master Plan. The development of the SWM Master Plan was guided by a Policy Committee with representatives from the City Council, Natural Resources Advisory Board, Pathway Advisory Board, Lake Oswego Corporation, Clackamas County, and Oregon Department of Environmental Quality (DEQ). The SWM Master Plan identified operating and capital improvement programs to address water quality and local flooding problems. The cost to implement the program were also identified.

Several funding mechanisms were investigated to fund the implementation of the Master Plan. The method recommended by the Policy Committee and adopted by the City Council was to establish a utility user fee based upon impervious areas which prevent the infiltration of surface water runoff. This was deemed the most equitable way to allocate costs.

In 1992, the City Council adopted a Surface Water Management Master Plan (SWMMP) and the Surface Water Management Utility user fee to fund the SWM program. The updated SWMMP, referred to as The Clean Streams Plan, was adopted in November, 2009. The Clean Streams Plan recognized the need for increased regulatory compliance under the City's National Pollution Discharge Elimination System (NPDES) permit and the Water Pollution Control Facilities (WPCF) permit. The Plan evaluated system capacity deficiencies and recommended capital improvement projects and programmatic components necessary to meet water quality compliance and manage the volume of runoff.

Projects:

This Capital Improvement Plan (CIP) includes projects founded upon recommendations identified in the SWMMP, staff recommendations and various needs identified by citizen contacts. Additional projects will be included as the CIP is implemented. For the upcoming fiscal year, a total of eight surface water projects are proposed for the CIP, including a stream restoration project in Springbrook Creek and storm system upgrade projects associated with street overlays.

In addition, there are annual programs for small works, catch basin retrofits, outfall restoration and maintenance of previous stream rehabilitation projects. Work will also begin for projects which are scheduled for construction during the lowering of Oswego Lake in the winter of 2010.

Funding Sources:

The Surface Water Fund is an enterprise fund that provides funding for maintenance and capital construction needs of the City's surface water collection system. The Surface Water Fees are restricted to operations, maintenance, and improvement of the surface water system.

Additionally, System Development Charges are recovered from new development projects, but this is a minor portion of the overall funding for this program.

UTILITIES

SURFACE WATER MANAGEMENT

Surface Water Management Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Drainage Improvements in conjunction with Lake Drawdown	228,000					228,000
Small Works Drainage Improvements	77,000	77,000	77,000	77,000	77,000	385,000
Unfunded						
Annual Maintenance-Past Steam Restoration Projects		28,000	28,000	28,000	28,000	112,000
Ash Street Deep Culvert Replacement		140,000				140,000
B Ave Storm System and Street Upgrade			804,000			804,000
Blue Heron Roadway Improvements		73,000	403,000			476,000
Catch Basin Retrofit		77,000	77,000	77,000	77,000	308,000
D Ave Storm Drainage Infrastructure Imp				539,000		539,000
Dolph Ct-Country Club Culvert Crossings					281,000	281,000
Eena Road Drainage Improvements					130,000	130,000
Lakeview Blvd Roadway Improvements-Street & Stormwater Upgrades			108,000	660,000		768,000
On-Site Stormwater Mitigation Grants		29,000	29,000	29,000	29,000	116,000
Outfall Inventory and Restoration		77,000	77,000	77,000	77,000	308,000
Private Stream Rehabilitation-Resource Grant Program		29,000	29,000	29,000	29,000	116,000
Rockinghorse Lane Drainage Improvements					230,000	230,000
Sediment Basin Evaluation and Retrofits		184,000				184,000
Springbrook Creek Culvert Evaluation		222,000				222,000
Underground Injection Control (UIC) Evaluation, Permitting and Retrofits		104,000	104,000	104,000	104,000	416,000
Water Reservoir Disconnect				104,000		104,000
Total	305,000	1,040,000	1,736,000	1,724,000	1,062,000	5,867,000

UTILITIES SURFACE WATER MANAGEMENT

Funded Surface Water Projects

	General Fund	Surfacewater Fund	SDC Fund	Total
Drainage Improvements in conjunction with Lake Drawdown		228,000		228,000
Small Works Drainage Improvements		77,000		77,000
SURFACEWATER PROJECTS TOTAL		\$305,000		\$305,000

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Drainage Improvements in Conjunction with Lake Drawdown

Project Description: The goal of this project is to repair deteriorated pipe outfalls onto Oswego Lake. Because the outfalls are normally submerged, it is critical to construct these repairs in conjunction with the lake drawdown scheduled for the LOIS project.

Funded/Unfunded: Funded

Estimated Date of Completion: Spring 2011

Justification: Replacement of Deteriorated System



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating	228					228
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$228	\$-	\$-	\$-	\$-	\$228
Expenses	Design	35					35
	Proj. Admin	18					18
	Construction	175					175
Expenses Total		\$228	\$-	\$-	\$-	\$-	\$228

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Small Works Drainage Improvements

Project Description: Minor storm drainage improvements including catch basins, manholes and short reaches of storm drain pipe through the City. Projects are typically less than \$30,000 each and are usually constructed with larger projects, such as street overlays, pathways, and sanitary improvements.

Funded/Unfunded: Funded

Estimated Date of Completion: Annual

Justification: Asset Protection and Property Protection



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating	77	77	77	77	77	385
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$77	\$77	\$77	\$77	\$77	\$385
Expenses	Design	14	14	14	14	14	70
	Proj. Admin	8	8	8	8	8	40
	Construction	55	55	55	55	55	275
							-
Expenses Total		\$77	\$77	\$77	\$77	\$77	\$385

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Annual Maintenance for Past Stream Restoration Projects

Project Description: Over the past 15-20 years, the City has invested in many stream restoration and outfall improvement projects. These projects stabilize soils, improve water quality, protect public infrastructure and private properties, remove invasive plant species and rehabilitate the associated natural resources. In order to protect the public investment in these improvements, the City needs to perform routine inspections and periodic maintenance of these projects. This project will create the mechanism necessary to deliver essential services for the ongoing protection of these resources.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Annual

Justification: Sustainability, Maintaining an Investment



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating		28	28	28	28	112
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$28	\$28	\$28	\$28	\$112
Expenses	Design		5	5	5	5	20
	Proj. Admin		3	3	3	3	12
	Construction		20	20	20	20	80
Expenses Total		\$-	\$28	\$28	\$28	\$28	\$112

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Ash St Deep Culvert Replacement

Project Description: The existing 15 inch corrugated metal pipe (CMP) was built to convey stream flows when the ravine was filled to construct Ash St. Over the years, the CMP has experienced severe corrosion and is in jeopardy of collapsing. Pipe replacement work will involve channel stabilization within the natural resource, street closure during construction and easements to operate on private property.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2012

Justification: Deteriorated/Facility



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating		140				140
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$140	\$-	\$-	\$-	\$140
Expenses	Design		25				25
	Proj. Admin		15				15
	Construction		100				100
							-
Expenses Total		\$-	\$140	\$-	\$-	\$-	\$140

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: B Ave Storm System and St Upgrade

Project Description: A recent evaluation of the existing drainage system in First Addition Neighborhood (FAN), prompted by recurrent localized flooding events, makes recommendations for replacement of several segments of pipe. The B Ave system conveys runoff from the top of the 100 acre drainage basin and conveys it under Hwy 43, the railroad tracks and through the Foothills Road area to Tryon Creek. This system has been pieced together over the past 100 years and experiences periodic flooding, which is exacerbated by increased impervious areas resulting from ongoing infill and redevelopment. Project will also repave B Ave.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Deficient System



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating			804			804
Street Fund	Operating			165			165
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$969	\$-	\$-	\$969
Expenses	Design			116			116
	Proj. Admin			78			78
	Construction			775			775
Expenses Total		\$-	\$-	\$969	\$-	\$-	\$969

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Blue Heron Rd Roadway Improvements

Project Description: This project would reconstruct the roadway with storm water drainage improvements along the entire length of this roadway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating		129	716			845
	SDC's		73	403			476
	Bonds						-
	Grants						-
Resources Total		\$-	\$202	\$1,119	\$-	\$-	\$1,321
Expenses	Design		165				165
	Proj. Admin		37	19			56
	Construction			1,100			1,100
Expenses Total		\$-	\$202	\$1,119	\$-	\$-	\$1,321

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Catch Basin Retrofits

Project Description: Many of the City’s existing catch basins were built prior to the water quality standards which are now required. The goal of this project is to retrofit/replace these aging facilities with structures that include sumps to trap sediment and pollution control devices which capture oils and floatable debris, allowing removal through routine maintenance practices. These retrofits projects are conducted in conjunction with scheduled street and/or other utility projects or as a stand alone project.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Annual

Justification: Water Quality, Facilities Upgrades



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating		77	77	77	77	308
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$77	\$77	\$77	\$77	\$308
Expenses	Design		14	14	14	14	56
	Proj. Admin		8	8	8	8	32
	Construction		55	55	55	55	220
Expenses Total		\$-	\$77	\$77	\$77	\$77	\$308

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: D Ave Storm Drainage Infrastructure Improvements

Project Description: A recent evaluation of the existing drainage system in First Addition Neighborhood (FAN), prompted by recurrent localized flooding events, makes recommendations for replacement of several segments of pipe. The D Ave system is considered a “backbone” of the FAN drainage system. It conveys runoff from the top of the drainage basin to Tryon Creek, just upstream of Hwy 43. Improvements to the system will redirect runoff from a severely eroded outfall to Tryon Creek and reduce the amount of flow which, over the years, has been directed to the B Ave system.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: System Upgrades, Water Quality



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating				539		539
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$539	\$-	\$539
Expenses	Design				65		65
	Proj. Admin				43		43
	Construction				431		431
Expenses Total		\$-	\$-	\$-	\$539	\$-	\$539

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Dolph Ct/Country Club Culvert Crossings

Project Description: An existing 30 inch culvert under Country Club Rd and a 24 inch culvert under Dolph Ct have been identified in the Surface Water Management Master Plan as being deficient in conveyance capacity. Additionally, the open channel upstream of the 24 inch culvert is severely eroded, causing large sediment loads to fill the pond off of Dolph Ct and into Tryon Creek. This project will replace the two culverts, rehabilitate the open channel segment and reestablish the detention capacity of the Dolph Ct Pond. These improvements will be essential to prevent flooding and improve water quality as the upstream basin develops.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: System Upgrade, Water Quality, Stormwater Detention



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating					281	281
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$281	\$281
Expenses	Design					47	47
	Proj. Admin					26	26
	Construction					208	208
Expenses Total		\$-	\$-	\$-	\$-	\$281	\$281

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Eena Road Drainage Improvements

Project Description: Eena Rd and surrounding properties experience occasional flooding during large rain events (most recently, January 2, 2009). The land area is naturally depressed, within the 100-year floodplain and indirectly connected to the waters of Oswego Lake. This project will develop alternatives to minimize or eliminate occurrences of flooding.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Flooding Mitigation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating					130	130
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$130	\$130
Expenses	Design					20	20
	Proj. Admin					10	10
	Construction					100	100
							-
Expenses Total		\$-	\$-	\$-	\$-	\$130	\$130

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Lakeview Blvd Roadway Improvements

Project Description: This project would reconstruct the roadway, improve the storm water drainage and possibly add a pathway on Lakeview Blvd from Bryant Rd to the roundabout intersection. The roadway between Summit Dr and the RR tracks will need to be stabilized due to soil sliding downslope from Lakeview Blvd roadway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2014

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating			162	990		1,152
Street Fund	Operating			108	660		768
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$270	\$1,650	\$-	\$1,920
Expenses	Design			240			240
	Proj. Admin			30	50		80
	Construction				1,600		1,600
							-
Expenses Total		\$-	\$-	\$270	\$1,650	\$-	\$1,920

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: On-Site Stormwater Mitigation Grants

Project Description: Program provides one time monetary grant to property owners and small business owners who design and construct stormwater management BMP's that reduce/eliminate the amount of runoff leaving their property.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Annual

Justification: Water Quality, Water Quantity Reduction



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating		29	29	29	29	116
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$29	\$29	\$29	\$29	\$116
Expenses	Design						-
	Proj. Admin		4	4	4	4	16
	Construction		25	25	25	25	100
Expenses Total		\$-	\$29	\$29	\$29	\$29	\$116

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Outfall Inventory and Restoration

Project Description: The City is responsible for the maintenance of many storm drainage pipes which outfall to area streams, open spaces and natural resource areas. Oftentimes these outfalls are situated in areas that are difficult to access and overgrown with brush. Most of the outfalls were built with development and many are decades old. This project will inventory and assess the condition of storm drainage outfall pipes. Completing the inventory and condition assessment will allow us to develop and prioritize a list of outfall repair/restoration projects.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Annual

Justification: Water Quality, Facility Repairs, Habitat Restoration



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating		77	77	77	77	308
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$77	\$77	\$77	\$77	\$308
Expenses	Design		14	14	14	14	56
	Proj. Admin		8	8	8	8	32
	Construction		55	55	55	55	220
Expenses Total		\$-	\$77	\$77	\$77	\$77	\$308

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Private Stream Rehabilitation/Resource Grant Program

Project Description: Rehabilitation projects along area streams can provide improved water quality and reduce erosion. Many of these stream reaches are on private property. This program would provide grant monies to individual private property owners interested in stabilizing stream segments and improving habitat on their own property.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Annual

Justification: Water Quality, Habitat Enhancement



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating		29	29	29	29	116
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$29	\$29	\$29	\$29	\$116
Expenses	Design						-
	Proj. Admin		4	4	4	4	16
	Construction		25	25	25	25	100
Expenses Total		\$-	\$29	\$29	\$29	\$29	\$116

UTILITIES

SURFACE WATER MANAGEMENT

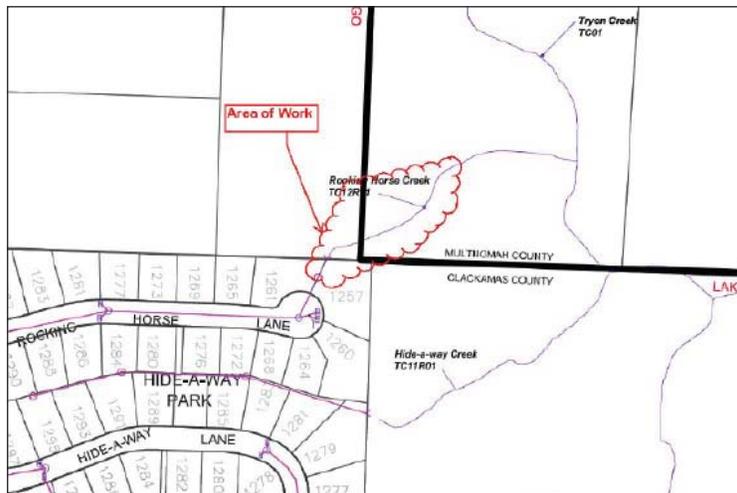
Project Name: Rockinghorse Lane Drainage Improvement

Project Description: The objective of this project is to rehabilitate an existing drainage channel, which conveys street and residential runoff and natural ground water seepage, and stabilize the outfall. The existing channel is severely eroded and runs parallel to the edge of an active slide area. This project will involve extending storm water conveyance beyond the slide area, outfall energy dissipation and rehabilitation of the existing open channel. Multi-jurisdictional regulatory review and approval will be complicated and will be a critical step in the successful design and construction of this project.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Water Quality, Habitat Restoration



Fiscal Year (\$ in 000's)							
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating					230	230
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$230	\$230
Expenses	Design					35	35
	Proj. Admin					18	18
	Construction					177	177
Expenses Total		\$-	\$-	\$-	\$-	\$230	\$230

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Sediment Basin Evaluation and Retrofits

Project Description: There are several constructed sediment basins located throughout the City’s surfacewater drainage system. These facilities often act as a last chance to trap sediments prior to discharging to a receiving water body. Many of these basins can be retrofitted to increase water quality efficiencies and to improve access and maintenance functions. This project will provide a mechanism to evaluate individual basins, recommend improvements and design and construct retrofits to the basins.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Water Quality, Maintenance Efficiency



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating		184				184
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$184	\$-	\$-	\$-	\$184
Expenses	Design		31				31
	Proj. Admin		17				17
	Construction		136				136
							-
Expenses Total		\$-	\$184	\$-	\$-	\$-	\$184

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Springbrook Creek Culvert Evaluation

Project Description: Springbrook Creek is a FEMA mapped floodplain with a resident population of cutthroat trout. Many improvements have been made over the years, including five large culvert replacements. The culverts were designed to convey 100-year flood events and provide passage for fish. Over the years, streambed aggregation has caused materials to be deposited within these culverts, reducing flow capacity and possibly blocking low flow passage. This project will evaluate the culverts for capacity and fish passage and make recommendations towards cleaning, long-term maintenance and channel stabilization.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Flood Control, Habitat Improvement, Water Quality



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surface Water	Operating		222				222
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$222	\$-	\$-	\$-	\$222
Expenses	Design						-
	Proj. Admin		44				44
	Construction		178				178
							-
Expenses Total		\$-	\$222	\$-	\$-	\$-	\$222

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: **Underground Injection Control (UIC) Evaluation, Permitting & Retrofits**

Project Description: Federal regulations, administered through the Oregon DEQ, mandates that all storm water injected into subsurface disposal systems (UIC's) be required to meet federal drinking water standards. The City has inventoried 35 municipal UIC's, registered them with the DEQ and applied for a permit to operate them. The City must now evaluate each UIC for compliance with federal requirements and, either construct water quality treatment facilities upstream of the UIC, or build conventional conveyance systems to replace and eventually abandon the UIC's.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Annual

Justification: Regulatory Mandate



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating		104	104	104	104	416
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$104	\$104	\$104	\$104	\$416
Expenses	Design		16	16	16	16	64
	Proj. Admin		8	8	8	8	32
	Construction		80	80	80	80	320
Expenses Total		\$-	\$104	\$104	\$104	\$104	\$416

UTILITIES

SURFACE WATER MANAGEMENT

Project Name: Water Reservoir Disconnect

Project Description: Over the years, the City has constructed 16 water storage reservoirs to supply potable water to residents and businesses. It is normal practice to construct an overflow bypass to manage flows should the reservoir be inadvertently overfilled. Previous construction practices required that reservoir overflows be directed to the nearest storm drainage system. Presently, the federal regulations do not allow chlorinated discharges to surface waters. This project will evaluate all City reservoirs and develop a plan to “replumb” any deficient overflow systems to meet safe drinking water and surface water requirements.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Water Quality



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating				104		104
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$104	\$-	\$104
Expenses	Design				16		16
	Proj. Admin				8		8
	Construction				80		80
							-
Expenses Total		\$-	\$-	\$-	\$104	\$-	\$104

Wastewater System:

The City owns, operates and maintains a wastewater collection system consisting of approximately 200 miles of wastewater pipe ranging in diameter from 6 inches to 36 inches, 4,600 manholes, and 11 pump stations. Wastewater generated in Lake Oswego is treated at either the City of Portland's Tryon Creek Wastewater Treatment Plant (WWTP) or Clean Water Services' Durham Creek WWTP. The City pays Portland a percentage of the plant operation and maintenance costs based on the flow split between Lake Oswego and Portland. Currently, the City is paying 55 percent of the plant operation and maintenance costs. The City also pays 50 percent of the capital recovery costs in return for rights to 50 percent of the plant capacity.

Major Projects:

The major focus of the Capital Improvement Plan (CIP) will be the Lake Oswego Sewer Interceptor (LOIS) project and rehabilitation of failing, leaky pipelines to reduce inflow and infiltration (I/I) into the wastewater collection system. The \$125 million (est.) LOIS project will construct a new interceptor line from the westerly end of Oswego Lake, all the way to the Tryon Creek WWTP. Additionally, this project (along with other I/I reduction efforts within the wastewater collection system) is a condition of the Mutual Agreement and Order the City has with the Oregon Department of Environmental Quality to address sanitary sewer overflows of the wastewater conveyance system to improve water quality and protection of public health.

Developers are required to pay the cost of extending wastewater service to serve their new developments. However, if a pipe is oversized to provide future capacity beyond that necessary to serve the new development, then the developer is entitled to be reimbursed from the additional cost of oversizing the collection system.

Annual Rehabilitation Projects:

The inflow and infiltration problem is significant in the larger drainage basins outside of LOIS replacement project. The rehabilitation of deteriorated sewer pipe identified by the Maintenance Department is another component of the CIP. This work involves the replacement or re-lining of existing pipe, and replacement or rehabilitation of leaking manholes. The benefits will include the continued service to existing homes and reduction in the inflow and infiltration into the wastewater system.

Funding Sources:

The Wastewater Fund is an enterprise fund used to account for all financial activity associated with the operation and maintenance of the City's wastewater utility system. This fund provides funding for the City's portion of the Tryon Creek Wastewater Treatment facility (owned and operated by the City of Portland) and operation and maintenance of the City's wastewater collection and conveyance system. The City's wastewater activities include construction, maintenance and the LOIS project.

Additionally, System Development Charges are recovered from new development projects, but this is a minor portion of the overall funding for this program.

UTILITIES

WASTEWATER

Wastewater Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Annual Wastewater Rehabilitation	150,000	150,000	150,000	150,000	150,000	750,000
Hazel Road Wastewater Imp -vicinity of Johnson Terrace	14,000					14,000
Install 38 Backflow Devices	122,000					122,000
Lake Forest Creek Wastewater Imp-vicinity Lake Forest Dr	375,000					375,000
Marylhurst Pump Station Upgrade	455,000					455,000
Pump Station Upgrades	527,000					527,000
Ridgewood Road - STEP System Removal	213,000					213,000
Wastewater Imp-vicinity of First and Second St Alley	311,000					311,000
Woodside Circle Wastewater Improvements	118,000					118,000
Unfunded						
Alley Way WW Imp- vicinity of Kenwood, Lakewood			208,000			208,000
Atwater Lane Collection System Extension					195,000	195,000
Backyard WW Imp-vicinity of Oak and Conifer				208,000		208,000
Country Club Rd WW Imp-Iron Mtn Blvd to 10th		506,000				506,000
Fifth St WW Imp - vicinity of Evergreen & Lake Bay		390,000				390,000
Iron Mountain Sanitary Sewer Bridge-Tryon Creek		140,000				140,000
Lake Shore WW Imp-vicinity of 1045 Lake Shore Rd				286,000		286,000
North Shore WW Imp-vicinity of 1500 N Shore Rd				59,000		59,000
Sixth St WW Imp- vicinity of Evergreen and Ellis			173,000			173,000
State St WW Imp -vicinity north of McVey		351,000				351,000
WW Treatment Plant Vactor Waste Facility Modifications			25,000	50,000	455,000	530,000
Total	2,285,000	1,537,000	556,000	753,000	800,000	5,931,000

Funded Wastewater Projects

	General Fund	Wastewater Fund	SDC Fund	Total
Annual Wastewater Rehabilitation		150,000		150,000
Hazel Rd Wastewater Imp-Vicinity West of Johnson Terrace		14,000		14,000
Install 38 Backflow Devices		122,000		122,000
Lake Forest Creek Wastewater Imp-Vicinity of Lake Forest Drive		375,000		375,000
Marylhurst Pump Station Upgrade		455,000		455,000
Pump Station Upgrades		527,000		527,000
Ridgewood Rd STEP System Removal		213,000		213,000
Wastewater Imp-Vicinity of First and Second St Alley Way		311,000		311,000
Woodside Circle Wastewater Imp		118,000		118,000
WASTEWATER PROJECTS TOTAL		\$2,285,000		\$2,285,000

UTILITIES WASTEWATER

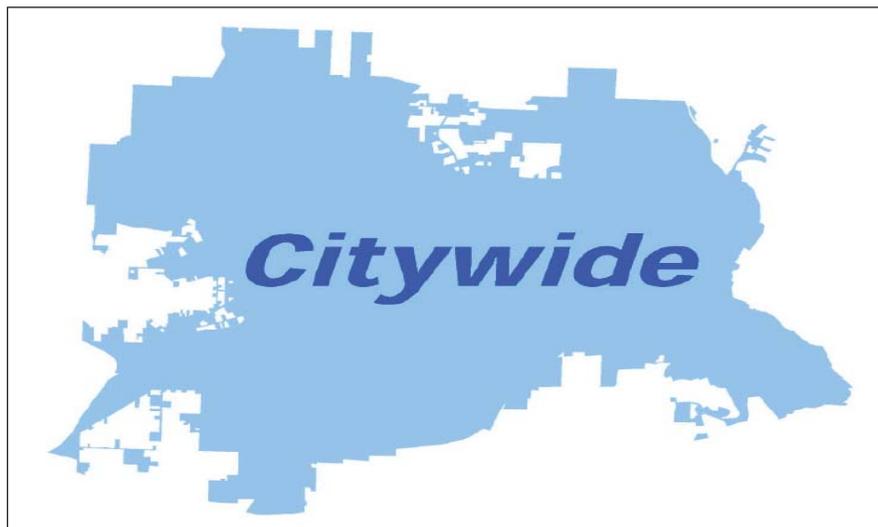
Project Name: Annual Wastewater Rehabilitation

Project Description: This project calls for rehabilitation of line segments to eliminate roots, rehabilitation of manholes and replacement of incorrect manhole lids to reduce inflow and infiltration (I/I) in the wastewater system.

Funded/Unfunded: Funded

Estimated Date of Completion: Annually

Justification: Reduce Overflows from Wastewater Collection System, MAO Agreement with Oregon DEQ and City's Overflow Response Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating	150	150	150	150	150	750
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$150	\$150	\$150	\$150	\$150	\$750
Expenses	Design	23	23	23	23	23	115
	Proj. Admin	11	11	11	11	11	55
	Construction	116	116	116	116	116	580
							-
Expenses Total		\$150	\$150	\$150	\$150	\$150	\$750

UTILITIES WASTEWATER

Project Name: Hazel Rd Wastewater Improvements - Vicinity West of Johnson Terrace

Project Description: This project will replace approximately 105 ft of 8-inch sanitary sewer line (via “pipe bursting”) that have reached its end of life. This project will help ensure reliable wastewater services to those customers within this vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with the aging collection system infrastructure.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating	14					14
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$14	\$-	\$-	\$-	\$-	\$14
Expenses	Design	3					3
	Proj. Admin	1					1
	Construction	10					10
							-
Expenses Total		\$14	\$-	\$-	\$-	\$-	\$14

UTILITIES WASTEWATER

Project Name: Install 38 Backflow Devices

Project Description: This project would include installation of backflow devices in the lateral lines of homes that are affected by the high pressure cleaning of main lines. Some of these homes have incurred interior damage.

Funded/Unfunded: Funded

Estimated Date of Completion: Fall 2010

Justification: Reduce Risk of Overflow



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating	122					122
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$122	\$-	\$-	\$-	\$-	\$122
Expenses	Design	23					23
	Proj. Admin	9					9
	Construction	90					90
							-
Expenses Total		\$122	\$-	\$-	\$-	\$-	\$122

UTILITIES WASTEWATER

Project Name: Lake Forest Creek Wastewater Improvements - Vicinity of Lake Forest Drive

Project Description: This project will replace approximately 700 ft of existing 8-inch sanitary sewer lines along Lake Forest Creek that have reached their end of life. This project will help ensure reliable wastewater services to those customers within this vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Funded

Estimated Date of Completion: Fall 2010

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating	375					375
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$375	\$-	\$-	\$-	\$-	\$375
Expenses	Design						-
	Proj. Admin	25					25
	Construction	350					350
Expenses Total		\$375	\$-	\$-	\$-	\$-	\$375

UTILITIES WASTEWATER

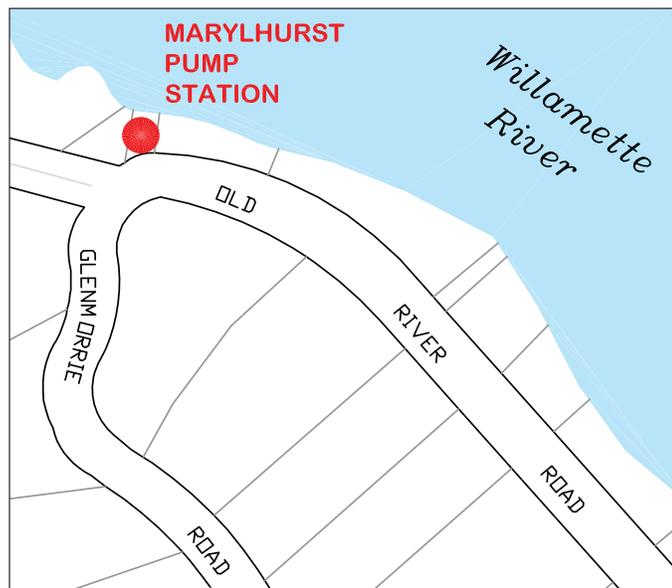
Project Name: Marylhurst Pump Station Upgrade

Project Description: This project will upgrade this station as recommended by the October 2000 Phase II Evaluation Report for the City's Wastewater Lift Station Rehabilitation Program. The objective will be to increase the stations reliability, extend its life, and reduce maintenance costs. Earthquake protection measures and cathodic protection will be implemented and old pumps will be converted into submersible pumps.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Phase II Evaluation Report for the City's Wastewater Lift Station Rehabilitation Program



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating	455					455
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$455	\$-	\$-	\$-	\$-	\$455
Expenses	Design	70					70
	Proj. Admin	35					35
	Construction	350					350
							-
Expenses Total		\$455	\$-	\$-	\$-	\$-	\$455

UTILITIES WASTEWATER

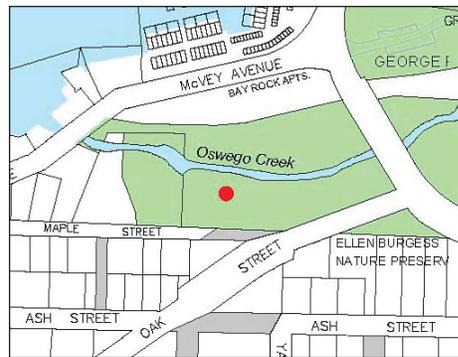
Project Name: Pump Station Upgrades

Project Description: Lily Bay, Bay View and Maple Street Lift Station upgrades will upgrade the lift stations as recommended by the June 1999 Phase I Evaluation report for the City's Wastewater Lift Station Rehabilitation Program. The objectives will be to increase the stations reliability, extend their life, and reduce maintenance costs. Plan includes replacing existing old pumps with submersible pumps.

Funded/Unfunded: Funded

Estimated Date of Completion: Fall 2011

Justification: Phase I Evaluation Report for the City's Wastewater Lift Station Rehabilitation Program



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating	527					527
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$527	\$-	\$-	\$-	\$-	\$527
Expenses	Design	81					81
	Proj. Admin	41					41
	Construction	405					405
Expenses Total		\$527	\$-	\$-	\$-	\$-	\$527

UTILITIES WASTEWATER

Project Name: Ridgewood Road STEP System Removal

Project Description: This project will remove six single house pump stations with a gravity sewer system. This requires approximately four new manholes and 400 feet of new mainline. This project would eliminate these six aging stations with frequent repair/maintenance needs from the City's regular pump station maintenance program.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Reduce Overflow Risk From Aging Stations



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating	213					213
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$213	\$-	\$-	\$-	\$-	\$213
Expenses	Design						-
	Proj. Admin	13					13
	Construction	200					200
							-
Expenses Total		\$213	\$-	\$-	\$-	\$-	\$213

UTILITIES WASTEWATER

Project Name: Wastewater improvements - Vicinity of First and Second Street Alley Way

Project Description: This project will rehabilitate approximately 1,140 ft of 8-inch sanitary sewer lines (via an “inversion liner”) that have reached their end of life. The project will help ensure reliable wastewater services to those customers within this vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance cost associated with an aging collection system infrastructure.

Funded/Unfunded: Funded

Estimated Date of Completion: Fall 2011

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating	311					311
	SDC's						
	Bonds						
	Grants						
Resources Total		\$311	\$-	\$-	\$-	\$-	\$311
Expenses	Design	48					48
	Proj. Admin	24					24
	Construction	239					239
Expenses Total		\$311	\$-	\$-	\$-	\$-	\$311

UTILITIES WASTEWATER

Project Name: Woodside Circle Wastewater Improvements

Project Description: This project will rehabilitate approximately 540 ft of 8-inch sanitary sewer lines (via “pipe bursting”) that have reached their end of life. This project will help ensure reliable wastewater services to those customers within this vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Funded

Estimated Date of Completion: Fall 2011

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating	118					118
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$118	\$-	\$-	\$-	\$-	\$118
Expenses	Design						-
	Proj. Admin	6					6
	Construction	112					112
Expenses Total		\$118	\$-	\$-	\$-	\$-	\$118

UTILITIES WASTEWATER

Project Name: Alley Way Wastewater Improvements - Vicinity of Kenwood, Lakewood, et. al.

Project Description: This project will replace approximately 450 ft of 8-inch sanitary sewer line and 6-inch service laterals that have reached their end of life. This project will help ensure reliable wastewater services to those customers within this vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating			208			208
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$208	\$-	\$-	\$208
Expenses	Design			32			32
	Proj. Admin			16			16
	Construction			160			160
							-
Expenses Total		\$-	\$-	\$208	\$-	\$-	\$208

UTILITIES WASTEWATER

Project Name: Atwater Lane Collection System Extension

Project Description: This project will extend the existing wastewater collection system from Atwater Lane to the west, then south, then westerly approximately 450 feet to serve future development within the Middle Tryon Creek Basin.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Service Extension



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater/SDC	Operating						-
	SDC's						-
	Bonds					195	195
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$195	\$195
Expenses	Design					30	30
	Proj. Admin					15	15
	Construction					150	150
							-
Expenses Total		\$-	\$-	\$-	\$-	\$195	\$195

UTILITIES WASTEWATER

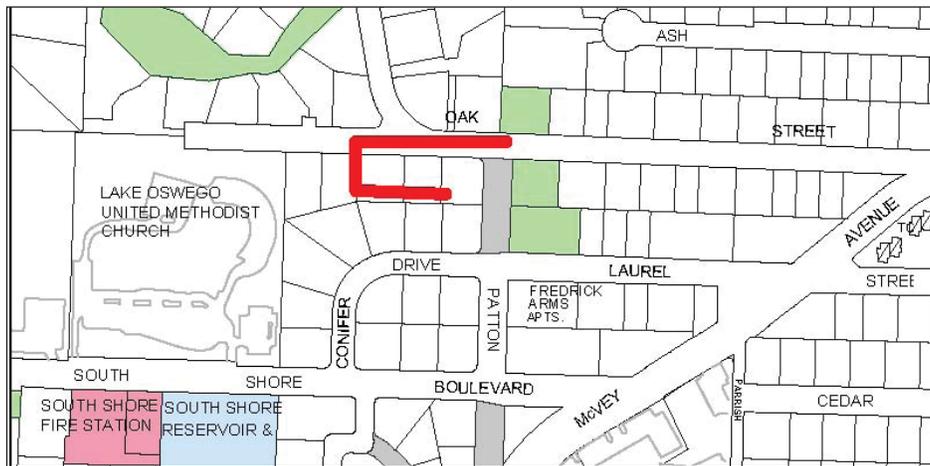
Project Name: Backyard Wastewater Improvements - Vicinity of Oak & Conifer

Project Description: This project will replace approximately 450 ft of existing 8-inch sanitary sewer line within a public easement that has reached its end of life. This project will help ensure reliable wastewater services to those customers within the vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Sustainability, Continued Service



Fiscal Year (\$ in 000's)							
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating				208		208
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$208	\$-	\$208
Expenses	Design				32		32
	Proj. Admin				16		16
	Construction				160		160
Expenses Total		\$-	\$-	\$-	\$208	\$-	\$208

UTILITIES WASTEWATER

Project Name: Country Club Road Wastewater Improvements - Iron Mtn Blvd To 10th St

Project Description: This project will replace approximately 1,220 ft of 8-inch sanitary sewer lines and 6-inch service laterals that have reached their end of life. The project will help ensure reliable wastewater services to those customers along Country Club Rd and reduce inflow and infiltration (I/I) entering the system, as well as reduce operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating		506				506
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$506	\$-	\$-	\$-	\$506
Expenses	Design		81				81
	Proj. Admin		20				20
	Construction		405				405
Expenses Total		\$-	\$506	\$-	\$-	\$-	\$506

UTILITIES WASTEWATER

Project Name: Fifth Street Wastewater Improvements - Vicinity of Evergreen and Lake Bay

Project Description: This project will replace approximately 500 ft of 8-inch sanitary sewer lines along Fifth St which have reached their end of life. This project will help ensure reliable wastewater services to those customers within the vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating		390				390
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$390	\$-	\$-	\$-	\$390
Expenses	Design		60				60
	Proj. Admin		30				30
	Construction		300				300
							-
Expenses Total		\$-	\$390	\$-	\$-	\$-	\$390

UTILITIES WASTEWATER

Project Name: Iron Mountain Sanitary Sewer Bridge

Project Description: The Iron Mountain Sanitary Sewer Bridge carries a wastewater transmission line through Tryon Creek State Park. The bridge is nearing the end of its useful life and needs rehabilitation or replacement. The Oregon State Parks Department is willing to contribute up to \$50k towards the project as the bridge also carries pedestrian traffic for park visitors.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating		140				140
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$140	\$-	\$-	\$-	\$140
Expenses	Design		25				25
	Proj. Admin		15				15
	Construction		100				100
							-
Expenses Total		\$-	\$140	\$-	\$-	\$-	\$140

UTILITIES WASTEWATER

Project Name: Lake Shore Wastewater Improvements - Vicinity of 1045 Lake Shore Rd

Project Description: This project will rehabilitate approximately 1,555 ft of 8-inch sanitary sewer lines (via “pipe bursting”) within a “backyard” easement that have reached their end of life. This project will help ensure reliable wastewater services to those customers within this vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating				286		286
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$286	\$-	\$286
Expenses	Design				44		44
	Proj. Admin				22		22
	Construction				220		220
Expenses Total		\$-	\$-	\$-	\$286	\$-	\$286

UTILITIES

WASTEWATER

Project Name: North Shore Wastewater Improvements - Vicinity of 1500 N Shore Rd

Project Description: This project will rehabilitate approximately 215 ft of existing 8-inch sanitary sewer line (via an “inversion liner”) that has reached its end of life. This project will help ensure reliable wastewater services to those customers within the vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating				59		59
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$59	\$-	\$59
Expenses	Design				11		11
	Proj. Admin				6		6
	Construction				42		42
							-
Expenses Total		\$-	\$-	\$-	\$59	\$-	\$59

UTILITIES WASTEWATER

Project Name: Sixth Street Wastewater Improvements - Vicinity of Evergreen and Ellis

Project Description: This project will replace approximately 300 ft of 8-inch sanitary sewer lines along Sixth St. within the vicinity of Evergreen and Ellis that have reached their end of their life. This project will help ensure reliable wastewater services to those customers within this vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating			173			173
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$173	\$-	\$-	\$173
Expenses	Design			27			27
	Proj. Admin			13			13
	Construction			133			133
Expenses Total		\$-	\$-	\$173	\$-	\$-	\$173

UTILITIES

WASTEWATER

Project Name: State Street Wastewater Improvements - Vicinity north of McVey

Project Description: This project will rehabilitate approximately 170 ft of existing 8-inch sanitary sewer line (via an “inversion liner”) that has reached its end of life. This project will help ensure reliable wastewater services to those customers within the vicinity and reduce inflow and infiltration (I/I) entering the system, as well as reducing operating and maintenance costs associated with an aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating		351				351
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$351	\$-	\$-	\$-	\$351
Expenses	Design		54				54
	Proj. Admin		27				27
	Construction		270				270
Expenses Total		\$-	\$351	\$-	\$-	\$-	\$351

UTILITIES WASTEWATER

Project Name: Wastewater Treatment Plant Vactor Waste Facility Modifications

Project Description: As a part of the Lake Oswego Interceptor Project, main lines leading to the interceptor will be sumped to minimize potential solids build-up in the line. The sumps must be emptied on a periodic basis generating greater volumes of decant and biosolids than current wastewater operations do. The existing location that the City uses at the Tryon Creek WWTP was designed for this purpose and must be modified in order to accept more waste. Intervine plans include sending truck(s) to the Columbia Wastewater Treatment Plant in North Portland. Any changes must be approved by the City of Portland (WWTP owner) and will require Lake Oswego Development Review and a Conditional Use Permit.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Clean Water Act Compliance, Reduced Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating			25	50	455	530
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$25	\$50	\$455	\$530
Expenses	Design			25	45	70	140
	Proj. Admin				5	35	40
	Construction					350	350
Expenses Total		\$-	\$-	\$25	\$50	\$455	\$530

UTILITIES
WASTEWATER

LAKE OSWEGO INTERCEPTOR SEWER (LOIS) OVERVIEW

Overview: Lake Oswego Interceptor Sewer (LOIS Project)

The Lake Oswego Interceptor Sewer (LOIS) is a large wastewater pipe that forms the backbone of the City’s wastewater collection system. Roughly 75% of Lake Oswego households and businesses are served by this line. The existing line consists of 20,000 feet of sewer pipe ranging from 12 to 36-inches in diameter and was constructed in the early 1960’s. Over 90% of this pipe lies within Oswego Lake, its bays, and canals with the remainder located onshore between Hwy 43 and Portland’s Tryon Creek Wastewater Treatment Plant. Some in-water portions of the pipe are buried, but over half is supported above the bed of Oswego Lake on timber and steel piles.

Since 2002 many different alternatives have been evaluated to correct existing LOIS deficiencies in an economical and reliable fashion. In August 2007, after many public hearings and community briefings on the replacement alternatives, the City Council recommended replacement of the LOIS system with a combination of pile supported pipe and a buoyant, gravity flow pipeline. The pipe would be constructed of polyethylene, is slightly buoyant in water, and would be held below the surface of the lake by steel tethers anchored to the bedrock under lake sediments. An additional “buoyancy pipe” would be attached to the main wastewater pipe to maintain the required grades necessary for gravity flow to the treatment plant.



LAKE OSWEGO INTERCEPTOR SEWER

The existing LOIS system has two major problems.

1. **It’s too small** – The LOIS system serves an area larger than originally envisioned. In combination with an aging collection system throughout the City that allows too much rainwater into the sewer, during sustained, heavy rains the system backs up and flows out of manholes at various locations. These spills violate State and Federal law.
2. **It’s structurally at risk** – The system’s steel pile supports and hardware are corroding and are at risk of collapse. Analysis has shown the potential for numerous failures in the LOIS system during an earthquake. Such failures would allow millions of gallons of untreated wastewater to flow into the lake and would allow lake water to overwhelm the wastewater treatment plant.

The LOIS Project is divided into six phases as follows:

Phase	Name	Timeline	Estimated Cost
1	Bryant/Kelok Force Main and Gravity Sewer	Jan.-Sept. 2009	\$ 2 million
2	Lake Full	Apr. 2009 - Aug. 2010	\$ 44 million
3	Lake Down	Sept. 2010 - May 2011	\$ 26.5 million
4	Bryant and Foothills Pump Stations	Mar. 2010 - Apr. 2011	\$ 4 million
5	CIPP Main Canal, West Bay, Lakewood Bay	Sept. 2010 - May 2011	\$ 3.5 million
6	Foothills Sewer Replacement	Jun. 2011 - Dec. 2012	\$ 2 million

UTILITIES

LAKE OSWEGO INTERCEPTOR SEWER (LOIS)

Lake Oswego Interceptor Sewer (LOIS) Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded	42,000,000	10,650,000	2,800,000			55,450,000
Total	42,000,000	10,650,000	2,800,000	0	0	55,450,000

LAKE OSWEGO INTERCEPTOR SEWER (LOIS)

Project Name: Lake Oswego Interceptor Sewer Replacement

Project Description: Replace and renovate the existing interceptor sewer located in Oswego Lake and its canals and bays. Upland portions of the interceptor sewer located in the Foothills Road area of Lake Oswego will be renovated by cured-in-place plastic pipe methods and elevated portions will be braced to resist seismic forces.

Funded/Unfunded: Funded

Estimated Date of Completion: October 31, 2012

Justification: Clean Water Act Compliance, Reduced Maintenance



LAKE OSWEGO INTERCEPTOR SEWER

Fiscal Year (\$ in 000's)

Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating						-
	SDC's						-
	Bonds	42,000	10,650	2,800			55,450
	Grants						-
Resources Total		\$42,000	\$10,650	\$2,800	\$-	\$-	\$55,450
Expenses	Design	2,000	1,000	500			3,500
	Proj. Admin	4,000	1,150	800			5,950
	Construction	36,000	8,500	1,500			46,000
							-
Expenses Total		\$42,000	\$10,650	\$2,800	\$-	\$-	\$55,450

UTILITIES

LAKE OSWEGO INTERCEPTOR SEWER (LOIS)

FACILITIES OVERVIEW

City Facilities include all buildings and structures that the City owns and manages. The Facilities section of the CIP lists capital improvement and capital maintenance projects that are anticipated over the next five years for these buildings. The list of key City buildings includes:

- City Hall
- Public Library
- Adult Community Center
- Main Fire Station
- Westlake Fire Station
- Jean Road Fire Station
- South Shore Fire Station
- West End Building
- Indoor Tennis Center
- Economic Development & Lake Oswego Redevelopment Agency (LORA)
- Maintenance Services Vehicle Storage Building
- Police Evidence Storage Building
- Maintenance Services Building
- Records Storage Facility
- Luscher Farm House and Barn
- Water Treatment Plant
- Charles S. Brown Water Sports Center
- Iron Worker's Cottage
- Golf Course Clubhouse

Several other City-owned buildings and structures are part of the Facilities CIP that are located on City parks and open space and other City properties. These include satellite buildings and rest-rooms at City parks, and residences that were purchased as part of open space property and for future expansion of other City facilities such as at the Water Treatment Plant.

This is the second year that a Facilities section has been included as part of the CIP. A 2008 assessment of ten (10) key City facilities indicated that numerous deficiencies exist with City buildings. Needs common to all or several of the buildings include minimizing water intrusion into buildings, upgrading structural components for seismic purposes, meeting American Disabilities Act (ADA) requirements, replacing building systems (electrical, mechanical, HVAC) that are reaching the end of their useful life, and addressing space deficiencies for buildings that are at or over capacity.

The development of a Facilities Asset Management Plan is currently being considered. Such a plan will provide the basis for determining short and long term needs for City facilities, prioritizing and allocating constrained resources for meeting these needs, and developing new funding sources to address long term building upgrades and replacement needs.

FACILITIES

Facilities Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
City Hall- Lower Parking Lot Security System	20,000					20,000
Unfunded						
Adult Community Center-Facility Repairs		126,000	53,000	45,000		224,000
City Hall Parking Lot - Repair Retaining Wall		26,000				26,000
Eastside Park Maintenance Workshop					65,000	65,000
Fire Station 210-Westlake Carpet Replacement		30,000				30,000
Fire Station 210-Westlake Retaining Wall		15,000				15,000
Fire Station 211-Jean Rd Carpet Replacement		25,000				25,000
Fire Station 211-Jean Rd Front Ramp Replacement		25,000				25,000
Fire Station 211-Jean Rd Roof Replacement		50,000				50,000
Luscher Farmhouse and Barn Roof Replacement		25,000				25,000
Maintenance Facilities Replacement		133,000	371,000	6,173,000	11,323,000	18,000,000
New Police Station, LOCOM & Municipal Court			9,400,000			9,400,000
Outdoor Lighting Retrofit		42,000				42,000
WEB-Ceiling Tile Replacement		411,000				411,000
WEB - Cooling Tower Repair/Replacement		25,000				25,000
WEB-Elevator Upgrade		100,000				100,000
WEB-Generator		435,000				435,000
WEB-Interior Painting		56,000				56,000
WEB-New Direct Digital Control System		23,000				23,000
WEB- North End Drainage Upgrades		33,000				33,000
WEB-Paint and Power Wash		60,000				60,000
WEB-Parking Lot Reseal		17,000				17,000
WEB-Recarpet		598,000				598,000
WEB-Replace existing Boiler		35,000				35,000
WEB-Window Repair		17,000				17,000
Worker's Cottage Rehabilitation		200,000				200,000
Total	20,000	2,507,000	9,824,000	6,218,000	11,388,000	29,957,000

FACILITIES

Funded Facilities Projects

	Fund	Fund	Grant	Fund	Total
City Hall Lower Parking Lot Security System	20,000				20,000
FACILITIES PROJECTS TOTAL	\$20,000				\$20,000

FACILITIES

Project Name: City Hall - Lower Parking Lot Security System

Project Description: This project allows for heightened security for police vehicles parked in the lower parking lot. It will enhance lighting and create a barrier to hinder unauthorized access. A protective covering for vehicles exposed to the elements has also been considered as allowed by City code.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification:



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating	20					20
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$20	\$-	\$-	\$-	\$-	\$20
Expenses	Design	20					20
	Proj. Admin						-
	Construction						-
							-
Expenses Total		\$20	\$-	\$-	\$-	\$-	\$20

FACILITIES

Project Name: Adult Community Center Facility Repairs

Project Description: The Adult Community Center was constructed in 1976. Many repairs to existing portions of the facility are needed to keep the structure from deteriorating. FY 2011/12 - Roof replacement, refinish all wainscoting, doors, and moldings (existing finish is peeling and chipping); FY 2012/13 - Bathroom repairs - replace flooring, fixtures, toilet stalls, and paint walls; FY 2013/14 - Replace wood flooring in Oak and Acorn rooms (existing flooring can no longer be refinished and needs replacing).

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		126	53	45		224
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$126	\$53	\$45	\$-	\$224
Expenses	Design						-
	Proj. Admin		8	2	2		12
	Construction		118	51	43		212
							-
Expenses Total		\$-	\$126	\$53	\$45	\$-	\$224

FACILITIES

Project Name: City Hall Parking Lot - Repair Retaining Wall

Project Description: This project requires the repair and repainting of the wall lining at City Hall's Parking Lot. The walls are deteriorating, retaining moisture, and growing mold. The project consists of removing the Exterior Insulation Finishing System (EIFS) coating, filling cracks and crevices, sealing, spraying texture, and painting the walls.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Safety, Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		26				26
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$26	\$-	\$-	\$-	\$26
Expenses	Design						-
	Proj. Admin						-
	Construction		26				26
Expenses Total		\$-	\$26	\$-	\$-	\$-	\$26

FACILITIES

Project Name: Eastside Park Maintenance Workshop

Project Description: This project provides funds to remodel the barn located on the Farr park property into a workshop. The Parks Maintenance staff currently uses either the Golf Course shop or the shop at the Maintenance yard. However, many projects cannot be worked on at either of these sites because the space is either too small or projects cannot be left for long periods of time. Funds will be used to replace the roof, insulate the building and install shelving and workbench area.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014/15

Justification: Facility Upgrade/Staff Efficiency



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					65	65
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$65	\$65
Expenses	Design						-
	Proj. Admin					5	5
	Construction					60	60
							-
Expenses Total		\$-	\$-	\$-	\$-	\$65	\$65

FACILITIES

Project Name: Fire Station 210 (Westlake) Carpet Replacement

Project Description: The carpet at station 210 will need to be replaced. The carpets will be removed and a solid surface replacement will be installed. It is recommended that we utilize concrete, tile, or vinyl in an effort to keep the station floors clean. These surfaces are less likely to be damaged and they are easier to clean contaminants such as CA-MRSA, hydrocarbons, body fluids, and chemicals.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		30				30
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$30	\$-	\$-	\$-	\$30
Expenses	Design						-
	Proj. Admin						-
	Construction		30				30
							-
Expenses Total		\$-	\$30	\$-	\$-	\$-	\$30

FACILITIES

Project Name: Fire Station 210 (Westlake) Retaining Wall

Project Description: There is a need to replace the existing railroad ties used as a retaining wall. The ties are deteriorating and will need replacing. The new wall will be built with a longer lasting more durable concrete or rock product.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		15				15
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$15	\$-	\$-	\$-	\$15
Expenses	Design						-
	Proj. Admin						-
	Construction		15				15
Expenses Total		\$-	\$15	\$-	\$-	\$-	\$15

FACILITIES

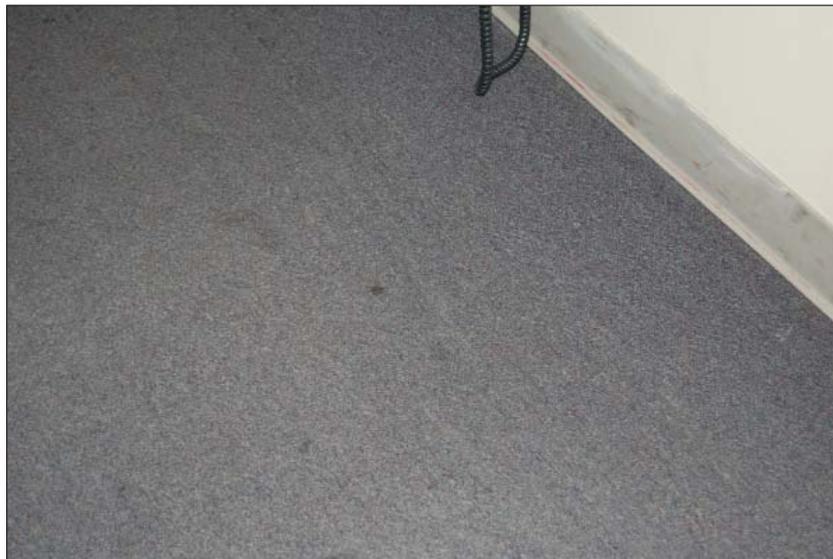
Project Name: Fire Station 211 (Jean Rd) Carpet Replacement

Project Description: This project replaces the worn-out carpets at Fire Station 211. The carpets will be removed and a solid surface replacement will be installed. The surface replacement will consist of concrete, tile, or vinyl in an effort to keep the station floors clean. These surfaces are less likely to be damaged and they are easier to clean contaminants such as CA-MRSA, hydrocarbons, body fluids, and chemicals.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2010/11

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		25				25
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$25	\$-	\$-	\$-	\$25
Expenses	Design						-
	Proj. Admin						-
	Construction		25				25
							-
Expenses Total		\$-	\$25	\$-	\$-	\$-	\$25

FACILITIES

Project Name: Fire Station 211 (Jean Rd) Front Ramp Replacement

Project Description: This project calls for the replacement of the damaged concrete at the front driveway ramp as well as alongside the connecting sidewalk and gutter. There is extensive wear on the concrete and as a result, it must be replaced. The project will include removal of the damaged concrete and will include a base evaluation for any needed fill and compaction. There will also be an installation of 5,000 pounds of concrete, which will be 12 inches thick and will include a number four rebar that is placed 24 inches on center in each direction.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2010/11

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		25				25
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$25	\$-	\$-	\$-	\$25
Expenses	Design						-
	Proj. Admin						-
	Construction		25				25
Expenses Total		\$-	\$25	\$-	\$-	\$-	\$25

FACILITIES

Project Name: Fire Station 211 (Jean Rd) Roof Replacement

Project Description: Roof replacement at station 211 located at 4555 Jean Rd. The roof was installed in 1989 when the station was built. The material is an asphalt shingle material. There is little to no projected repair needed to the deck; however, there may be some dry rot damage to barge rafters.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		50				50
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$50	\$-	\$-	\$-	\$50
Expenses	Design						-
	Proj. Admin						-
	Construction		50				50
Expenses Total		\$-	\$50	\$-	\$-	\$-	\$50

FACILITIES

Project Name: Luscher Farmhouse and Barn Roof Replacement

Project Description: Replace the farmhouse roof. Repaint the house and caretaker dwelling. The roof is leaking and cannot be repaired successfully, moreover, the painted surfaces on all buildings are peeling.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		25				25
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$25	\$-	\$-	\$-	\$25
Expenses	Design						-
	Proj. Admin						-
	Construction		25				25
Expenses Total		\$-	\$25	\$-	\$-	\$-	\$25

FACILITIES

Project Name: Maintenance Facilities Replacement

Project Description: The Maintenance Services facility is located at 5705 Jean Rd. Various studies have identified major deficiencies with existing buildings and site layout. Maintenance continues to work out of an inefficiently designed facility that is in poor condition. The two largest buildings do not meet the seismic standards that are needed for first responder status. Collapse of a facility would hinder the servicing of first responder vehicles during an event and would block access to our own heavy equipment. Significant repairs have been required and are likely to continue given the design and age of the facility. Recent studies concluded that facility needs to be replaced and is most effectively done so at the current site. The project could be funded and built in up to three phases. This VIP proposal assumes all work is done in a single phase for overall lowest total cost.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Council Goal, Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		133	371	6,173	11,323	18,000
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$133	\$371	\$6,173	\$11,323	\$18,000
Expenses	Design		128	11	160	310	609
	Proj. Admin		5		13	13	31
	Construction			360	6,000	11,000	17,360
Expenses Total		\$-	\$133	\$371	\$6,173	\$11,323	\$18,000

FACILITIES

Project Name: New Police Station, LOCOM & Municipal Court

Project Description: Build a new Police Station with the Lake Oswego Communication Center (LOCOM) and Municipal Court that meets current Federal standards for emergency management and response, and provides a secure location for staff to provide the necessary public safety services for the community.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012/13

Justification: City Council Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			9,400			9,400
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$9,400	\$-	\$-	\$9,400
Expenses	Design			1,000			1,000
	Proj. Admin			400			400
	Construction			8,000			8,000
							-
Expenses Total		\$-	\$-	\$9,400	\$-	\$-	\$9,400

FACILITIES

Project Name: Outdoor Lighting Retrofit

Project Description: This project consists of retrofitting outdoor lighting fixtures at several City Facilities with highly energy efficient fixtures. The fixtures are needed to meet the City's Dark Skies Ordinance. These retrofits are proposed for the Library, Adult Community Center, Westlake Fire Station, City Hall Lower parking lot, and Roehr Park Pathway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Energy and Cost Savings; Livability; Public Safety/Risk Management. City Sustainability Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating						-
	SDC's						-
	Bonds						-
	Grants		42				42
Resources Total		\$-	\$42	\$-	\$-	\$-	\$42
Expenses	Design						-
	Proj. Admin		1				1
	Construction		41				41
							-
Expenses Total		\$-	\$42	\$-	\$-	\$-	\$42

Project Name: WEB Ceiling Tile Replacement

Project Description: This project provides for the design and installation of a new ceiling grid to contain new tiles and lighting at the West End Building. The ceiling tiles are worn and dirty with some of the tiles missing completely. Unfortunately, the size and style of the tiles are no longer available on the market. Therefore a new ceiling grid must be designed in order to install new tiles. As a result of the new grid, new lights would also have to be installed. The estimate is for 53,000 square feet of tile and grid.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Facility Upgrades, Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		411				411
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$411	\$-	\$-	\$-	\$411
Expenses	Design						-
	Proj. Admin						-
	Construction		411				411
Expenses Total		\$-	\$411	\$-	\$-	\$-	\$411

FACILITIES

Project Name: WEB Cooling Tower Repair/Replacement

Project Description: Current cooling tower is at the end-of-life expectancy and is starting to deteriorate. The cooling tower must be replaced due to the age of equipment and the failing of the shaft, bearings, motor and fans.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		25				25
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$25	\$-	\$-	\$-	\$25
Expenses	Design						-
	Proj. Admin						-
	Construction		25				25
							-
Expenses Total		\$-	\$25	\$-	\$-	\$-	\$25

FACILITIES

Project Name: WEB Elevator Upgrade

Project Description: This project requires the gutting and rebuilding of the elevator with the purpose of transforming it into a high-use passenger elevator. The elevator is currently designed and built as a freight elevator and is not capable of handling the high level of usage on a consistent basis. Also, in rebuilding the elevator, the City would be able to bring it up to current safety codes.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Code Compliance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		100				100
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$100	\$-	\$-	\$-	\$100
Expenses	Design						-
	Proj. Admin						-
	Construction		100				100
							-
Expenses Total		\$-	\$100	\$-	\$-	\$-	\$100

FACILITIES

Project Name: WEB Generator

Project Description: This project requires the purchasing and installation of a generator capable of keeping the key services of the West End Building operational during a power outage. The generator would also have to go through a planning approval process for location and enclosure requirements.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		435				435
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$435	\$-	\$-	\$-	\$435
Expenses	Design						-
	Proj. Admin						-
	Construction		435				435
							-
Expenses Total		\$-	\$435	\$-	\$-	\$-	\$435

FACILITIES

Project Name: WEB Interior Painting

Project Description: This project allows for the painting of the West End Building's interior with two coats of monochrome paint.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: General Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		56				56
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$56	\$-	\$-	\$-	\$56
Expenses	Design						-
	Proj. Admin						-
	Construction		56				56
Expenses Total		\$-	\$56	\$-	\$-	\$-	\$56

FACILITIES

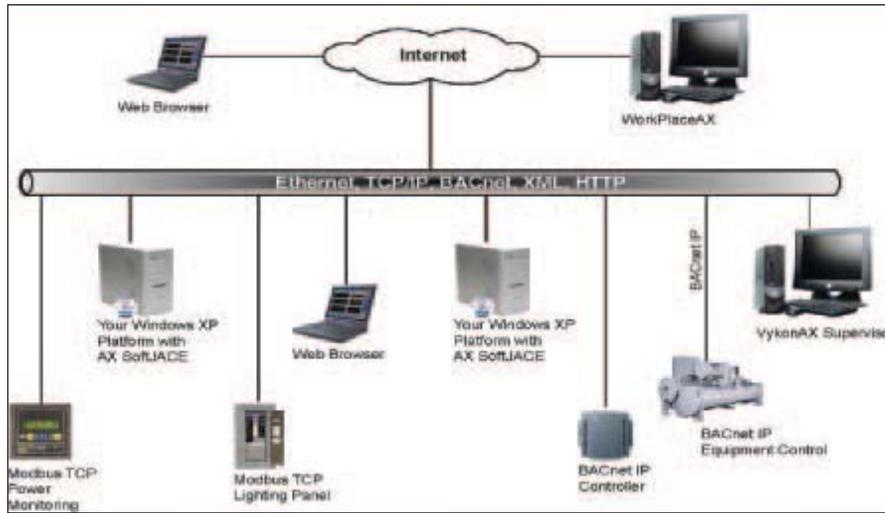
Project Name: WEB New Direct Digital Control System

Project Description: This project replaces the direct control system for the West End Building. The direct digital control system is the mechanism that allows for the doors, lights and alarms to be programmed and controlled. The current system is outdated and fails frequently. As a result, the system must be repaired often.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		23				23
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$23	\$-	\$-	\$-	\$23
Expenses	Design						-
	Proj. Admin						-
	Construction		23				23
Expenses Total		\$-	\$23	\$-	\$-	\$-	\$23

Project Name: WEB North End Drainage Upgrades

Project Description: This project designs and installs a new drainage system for the West End Building. The ground on the north end of the building has very poor drainage. The system is needed to keep water away from the building and to prevent the pooling of water. Water pooling around the building affects the health of the building, and creates other nuisance issues.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		33				33
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$33	\$-	\$-	\$-	\$33
Expenses	Design						-
	Proj. Admin						-
	Construction		33				33
							-
Expenses Total		\$-	\$33	\$-	\$-	\$-	\$33

FACILITIES

Project Name: WEB Paint and Power Wash

Project Description: This project provides for the power washing and painting of the West End Building's exterior with two coats of monochrome paint.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: General Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		60				60
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$60	\$-	\$-	\$-	\$60
Expenses	Design						-
	Proj. Admin						-
	Construction		60				60
							-
Expenses Total		\$-	\$60	\$-	\$-	\$-	\$60

FACILITIES

Project Name: WEB Parking Lot Reseal

Project Description: This project allows for the resealing of the parking lot located at the West End Building. This must be done periodically to protect investment.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		17				17
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$17	\$-	\$-	\$-	\$17
Expenses	Design						-
	Proj. Admin						-
	Construction		17				17
							-
Expenses Total		\$-	\$17	\$-	\$-	\$-	\$17

FACILITIES

Project Name: WEB Recarpeting

Project Description: This project calls for the recarpeting of a portion of the West End Building. The majority of the recarpeting effort has been completed. However, there is approximately 88,000 sq ft of carpet that must be replaced due to its old and worn-out condition. The current estimate received is \$6.80 per square foot for the removal and recycling of the existing carpet and as well as for the installation of a new carpet tile with a rubber base. This estimate also takes into account the prevailing wages over a one year period of time.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		598				598
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$598	\$-	\$-	\$-	\$598
Expenses	Design						-
	Proj. Admin						-
	Construction		598				598
							-
Expenses Total		\$-	\$598	\$-	\$-	\$-	\$598

Project Name: WEB Replace Existing Boiler

Project Description: This project replaces the boiler in the West End Building. The boiler has two sides that consist of a water side and a fire side. Currently, the fire side of the boiler is failing and needs to be replaced. This estimate does not include the cost of pipe and electrical wiring. If the boiler fails the building will be without hot water and heat.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		35				35
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$35	\$-	\$-	\$-	\$35
Expenses	Design						-
	Proj. Admin						-
	Construction		35				35
Expenses Total		\$-	\$35	\$-	\$-	\$-	\$35

FACILITIES

Project Name: WEB Window Repair

Project Description: This project replaces approximately 17 windows and 5 skylights at the West End Building. The replacements will fix the windows and skylights that have glazed openings and broken seals. Faulty windows let moisture into the building, they fill with residue, block the ability to look through, and are less energy efficient.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		17				17
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$17	\$-	\$-	\$-	\$17
Expenses	Design						-
	Proj. Admin						-
	Construction		17				17
							-
Expenses Total		\$-	\$17	\$-	\$-	\$-	\$17

FACILITIES

Project Name: Worker's Cottage Rehabilitation

Project Description: This project rehabilitates the historic Worker's Cottage. The historic property provided housing for workers who were involved in the iron industry and represents part of the City's iron heritage. The house that is located on the property is in disrepair. A rehabilitation and stabilization effort is needed to prevent further deterioration. The property is in the process of being nominated to the National Register of Historic Places. The Worker's Cottage is located at 40 Wilbur St.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011/12

Justification: Historic Resources Advisory Board Goals



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		200				200
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$200	\$-	\$-	\$-	\$200
Expenses	Design		30				30
	Proj. Admin		15				15
	Construction		155				155
							-
Expenses Total		\$-	\$200	\$-	\$-	\$-	\$200

FACILITIES

MISCELLANEOUS PROJECTS OVERVIEW

The Miscellaneous Projects section contains a variety of projects, programs and equipment purchases that cannot be placed within the other categories. In previous years, this category was titled “Other”. This year, there are two funded projects, which include an audio logger for the Lake Oswego Communication Center and the funding of the Percent for Art program.

MISCELLANEOUS PROJECTS

Miscellaneous Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Audio Logger	75,000					75,000
Percent for Art	12,000					12,000
Unfunded						
Computerized Maintenance Management System Upgrade		84,000	1,332,000	15,000		1,431,000
Firefighter Turn-out Washer		12,000				12,000
Lake Grove Village Center Improvements		200,000	200,000	200,000	400,000	1,000,000
Lake Grove Village Center Parking Improvements		2,000,000	2,000,000	2,000,000	200,000	6,200,000
LifePak 12 Defibrillator Program			250,000			250,000
Mountain Park Street Lighting Conversion		50,000	50,000	50,000		150,000
Neighborhood Capital Improvements		200,000	200,000	200,000	200,000	800,000
Public Safety Systems Upgrade-CAD Mobile Data		80,000	2,040,000	90,000		2,210,000
Public Safety Systems Upgrade-Radio		300,000	320,000	1,500,000		2,120,000
Grand Total	87,000	2,926,000	6,392,000	4,055,000	800,000	14,260,000

MISCELLANEOUS PROJECTS

Funded Miscellaneous Projects

	General Fund	Street Fund	Water Fund	Wastewater Fund	Total
Audio Logger	75,000				75,000
Percent for Art	12,000				12,000
MISCELLANEOUS PROJECTS TOTAL	\$87,000	\$0	\$0	\$0	\$87,000

MISCELLANEOUS PROJECTS

Project Name: Audio Logger

Project Description: The current audio logger being used in LOCOM was purchased in March of 2004. It will not be supported past March of 2010 and changing technology makes it necessary to replace the system. It is a statutory requirement to provide audio recording. We have two options: purchase a complete system replacement or purchase a lease plan over 5 years for \$50K.

Funded/Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Periodic Update



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating	75					75
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$75	\$-	\$-	\$-	\$-	\$75
Expenses	Design						-
	Const Purch	75					75
Expenses Total		\$75	\$-	\$-	\$-	\$-	\$75

MISCELLANEOUS PROJECTS

Project Name: Percent for Art

Project Description: Each year the Lake Oswego Foundation for the Art invites residents to vote on their favorite sculpture from selected pieces from the current continuing art collection. The City purchases the winning sculpture for inclusion as a permanent piece in the art collection. The purchase is funded through the Percent for Art Program. The Percent for Art Program was established to expand the experience of the City's citizenry through public art of the highest quality. For every qualified project over \$25,000, 1% of the total cost of the project shall be used for the costs associated with the acquisition of public art. Additionally, .5% of the total cost of qualified City projects shall be used for the costs associated with the administration of the public art program. In years with no qualified projects, the City's General fund has supplied the funding to the Program through transfers contingent upon Council approval.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Public Art, City Beautification



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating	12					12
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$12	\$-	\$-	\$-	\$-	\$12
Expenses	Design	12					12
	Proj Admin						-
	Construction						-
Expenses Total		\$12	\$-	\$-	\$-	\$-	\$12

MISCELLANEOUS PROJECTS

Project Name: Computerized Maintenance Management System Upgrade (CMMS)

Project Description: Maintenance Services uses a CMMS program to track and manage utility assets including streets, surface water, water, and wastewater systems. The current program (Hansen 7) is no longer effectively supported. The City will need to upgrade to a current version, but this change is costly and should only be undertaken after an evaluation to determine whether the current product will best meet the City's needs as we continue to expand usage of CMMS. Without replacement of the existing CMMS program staff will spend more time troubleshooting and will not be able to fix all the problems as needed. In addition, newer programs have added functionality which may provide easier usability.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Periodic Asset Maintenance

The screenshot shows a 'Work Order' window with the following fields and sections:

- Work Order #**: [Empty]
- Asset**: [Empty]
- Address**: [Empty]
- Activity**: [Empty]
- WO Type**: [Empty]
- Initiated**: [Checked]
- Scheduled**: [Checked]
- Due**: [Checked]
- Initiated By**: [Empty]
- Project**: [Empty]
- Budget #**: [Empty]
- Started**: [Checked]
- Completed**: [Checked]
- Comp By**: [Empty]
- Hours**: [0:00]
- Down Time**: [0:00]
- Source**: [Empty]
- Main Type**: [Empty]
- Problem**: [Empty]
- Priority**: [Empty]
- Service #**: [Empty]
- Result**: [Empty]
- Condition**: [Empty]
- Quantity**: [0:000]
- Authorization**: [Empty]
- Assigned To**: [Empty]
- Draw**: [Empty]
- Out of Service**: [Unchecked]
- Potential Service Request**: [Unchecked]
- Map Files**: [Unchecked]

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		84	1,332	15		1,431
	SDC's						-
	Bonds						-
	Grants						-
Resources Total			\$84	\$1,332	\$15	\$-	\$1,431
Expenses	Design		80	30	15		125
	Proj. Admin		4	2			6
	Construction			1,300			1,300
Expenses Total		\$-	\$84	\$1,332	\$15	\$-	\$1,431

MISCELLANEOUS PROJECTS

Project Name: Firefighter Turnout Washer

Project Description: Replace the industrial type turnout washing machine. Firefighter turnout gear needs to be cleaned on a regular basis to remove fire contaminants which expose firefighters to cancer causing carcinogens. These carcinogens also weaken the materials over time. Blood and body fluids that firefighters are exposed to also need to be cleaned. The current machine is about 15 years old and will need replacing. This item can be ordered from a catalog. There will be no building modification needed for this project.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		12				12
	SDC's						-
	Bonds						-
	Grants						-
Resources Total			\$12	\$-	\$-	\$-	\$12
Expenses	Design						-
	Proj. Admin						-
	Construction		12				12
Expenses Total		\$-	\$12	\$-	\$-	\$-	\$12

MISCELLANEOUS PROJECTS

Project Name:	Lake Grove Village Center Improvements
Project Description:	The Lake Grove Village Center Plan includes a variety of projects intended to improve pedestrian, bicycle, and vehicular access within the Village Center. The plan also includes improvements to parks and public open spaces. This CIP project is intended to fund these projects. Individual projects will be selected based on a set of ranked criteria and the priorities listed in the Village Center Plan.
Funded/Unfunded:	Unfunded
Estimated Date of Completion:	2015
Justification:	Implements adopted Village Center Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		200	200	200	400	1,000
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$200	\$200	\$200	\$400	\$1,000
Expenses	Design		180	180	180	360	900
	Proj Admin		20	20	20	40	100
	Construction						-
Expenses Total		\$-	\$200	\$200	\$200	\$400	\$1,000

MISCELLANEOUS PROJECTS

Project Name: Lake Grove Village Center Parking Improvements

Project Description: The Lake Grove Village Center Plan includes a project to provide public parking facilities in conjunction with roadway improvements. The parking improvements may be a stand alone project or a project developed jointly with a private developer.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2015

Justification: Lake Grove Village Center Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		2,000	2,000	2,000	200	6,200
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$2,000	\$2,000	\$2,000	\$200	\$6,200
Expenses	Design						-
	Proj Admin		50	50	50	15	165
	Construction		1,950	1,950	1,950	185	6,035
Expenses Total		\$-	\$2,000	\$2,000	\$2,000	\$200	\$6,200

MISCELLANEOUS PROJECTS

Project Name: LifePak 12 Defibrillator Program

Project Description: LifePak 12 Defibrillator is an essential piece of equipment in providing Emergency Medical Services. The use of a LifePak 12 in the EMS setting enhances patient care through early identification of critical patient needs, while maintaining a record of events for future quality improvements. Our program consists of 6 LifePak Defibrillator/Cardiac Monitors (assigned to each response apparatus) and 4 battery conditioning and support stations (located at each fire station). The anticipated service life for the LifePak 12 units is expected to be not less than 7 years. The units are expected to remain in service until 2012 or longer depending on durability, needed upgrades, or significant changes in technology. Our defibrillators require periodic maintenance/testing which ensures the devices are accurate and functional. PhysioControl provides annual and periodic services through a separate contractual agreement.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating			250			250
	SDC's						-
	Bonds						-
	Grants						-
Resources Total			\$-	\$250	\$-	\$-	\$250
Expenses	Design						-
	Proj. Admin						-
	Purchase			250			250
							-
Expenses Total		\$-	\$-	\$250	\$-	\$-	\$250

MISCELLANEOUS PROJECTS

Project Name: Mountain Park Street Lighting Conversion

Project Description: Convert the approximately 485 octagonal, Option C Gardco lights with 175 watt Mercury Vapor (MV) fixtures to Option A Hadco Westbrooke 100 watt High Pressure Sodium (HPS) fixtures. By converting to Option A lights PGE will take over responsibility for conversion, maintenance, repair and end-of-life cost. The replacement is also necessary because it eliminates old and unsafe wiring.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Periodic Update



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street	Operating		50	50	50		150
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$50	\$50	\$50	\$50	\$-	\$200
Expenses	Design						-
	Proj. Admin		5	5	5		15
	Construction		45	45	45		135
Expenses Total		\$-	\$50	\$50	\$50	\$-	\$150

MISCELLANEOUS PROJECTS

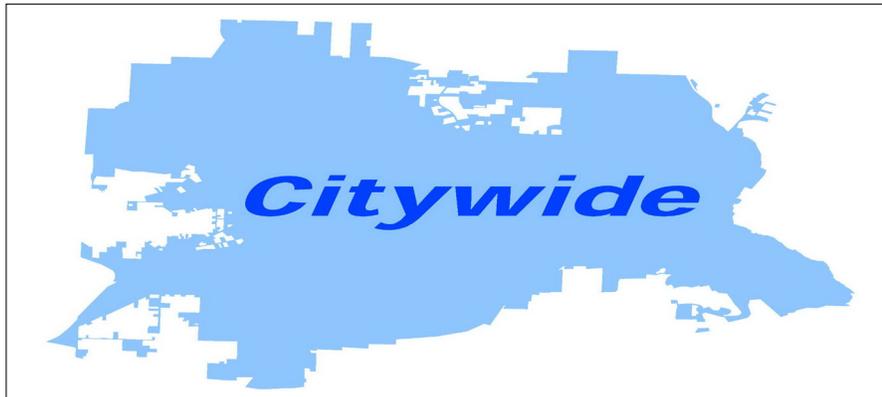
Project Name: Neighborhood Capital Improvements

Project Description: This CIP item will fund projects identified by the City's neighborhoods. This includes projects from the City's eight adopted neighborhood plans, projects identified by neighborhoods that have not yet been able to develop a neighborhood plan, and updates to neighborhood plan project lists that may be outdated. Projects fall into three general categories: Parks, Transportation, and Utilities. The largest share of projects are new pathways and roadway/traffic calming improvements. Individual projects will be selected based on a set of ranked criteria and neighborhood priorities.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2015

Justification: Implements Neighborhood Plans and Aspirations



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		200	200	200	200	800
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$200	\$200	\$200	\$200	\$800
Expenses	Design		15	15	15	15	60
	Proj Admin						-
	Construction		182	182	182	182	728
Expenses Total		\$-	\$200	\$200	\$200	\$200	\$800

MISCELLANEOUS PROJECTS

Project Name: Public Safety Systems Upgrade - Radio

Project Description: The 800 MHz public safety radio system infrastructure will be at its end of life by 2015. The end user equipment will be out of date and unusable starting in 2012. This project plans the phased replacement of end user radio equipment and the potential funding necessary to upgrade the infrastructure of the systems as part of a stand alone system (C800) or as a regional partner.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2015

Justification: Periodic Update



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		275	320	1,500		2,095
	SDC's						-
	Bonds						-
	Grants		25				25
Resources Total			\$300	\$320	\$1,500	\$-	\$2,120
Expenses	Design						-
	Proj. Admin						-
	Construction		300	320	1,500		2,120
							-
Expenses Total		\$-	\$300	\$320	\$1,500	\$-	\$2,120

MISCELLANEOUS PROJECTS

Project Name: Public Safety Systems Upgrade - CAD, Mobile Data

Project Description: The computer aided dispatch, along with mobile data applications for field users, will be end of life for hardware and software by 2014. This project plans the potential funding necessary to complete the upgrade as part of a stand alone or as a regional partner.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2014

Justification: Periodic Update



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		80	2,040	90		2,210
	SDC's						-
	Bonds						-
	Grants						-
Resources Total			\$80	\$2,040	\$90	\$-	\$2,210
Expenses	Design		80	40	40		160
	Proj. Admin						-
	Construction			2,000	50		2,050
							-
Expenses Total			\$80	\$2,040	\$90	\$-	\$2,210

LARGE CAPITAL EQUIPMENT OVERVIEW

This section identifies vehicle and equipment purchases. This is the first year that this section has been included in the CIP. This category is used to plan for the replacement of vehicles as they near the end of their life cycle. This year, there are five vehicles that are proposed to be funded. An additional 15 vehicles and 2 pieces of equipment are identified as needing replacement within the next five years.

LARGE CAPITAL EQUIPMENT

Large Capital Equipment Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
4-WD Vehicle Water Conservation Program	35,000					35,000
Assistant Fire Chief's Vehicle Replacement	32,000					32,000
Dump Truck-Plow-Sander Replacement	189,000					189,000
Flat Bed 2-Ton Truck Replacement	86,000					86,000
Police Vehicle Replacement Schedule	87,000	188,000	216,000	179,000	185,000	855,000
Unfunded						
2014 Street Sweeper Replacement					221,000	221,000
Annual Small Truck Replacements		35,000	56,000	88,000	60,000	239,000
Battalion Chief Vehicle Replacement		60,000				60,000
Camera Van Replacement		168,000				168,000
Deputy Fire Marshal Vehicle Replacement					35,000	35,000
Dive Rescue Emergency Response Vehicle Replacement					184,000	184,000
Facilities Vehicle Replacement		35,000				35,000
Fire Chief's Vehicle Replacement					29,000	29,000
Fire Marshall's Vehicle Replacement		27,000				27,000
Golf Course Maintenance Equipment Replacement Schedule		30,000		32,000		62,000
High Pressure Cleaner (HPC) Replacement Stormwater				243,000		243,000
Ladder Truck Emergency Response Replacement Vehicle				1,043,000		1,043,000
Park Maintenance Equip Replacement Schedule		155,000	50,000	30,000	60,000	295,000
Parks & Rec Vehicle Replacement Schedule		120,000	80,000	50,000	60,000	310,000
Street Sweeper Replacement		201,000				201,000
Vehicle Replacement Schedule-Eng Division		60,000	60,000	60,000	35,000	215,000
Water Rescue Boat Replacement			73,000			73,000
Total	429,000	1,079,000	535,000	1,725,000	869,000	4,637,000

LARGE CAPITAL EQUIPMENT

Funded Large Capital Equipment Projects

	General Fund	Street Fund	Water Fund	Wastewater Fund	Total
4-WD Vehicle Water Conservation Program			35,000		35,000
Assistant Fire Chief's Vehicle Replacement	32,000				32,000
Dump Truck-Plow-Sander Replacement		14,000	80,000	95,000	189,000
Flat Bed 2-Ton Truck Replacement				86,000	86,000
Police Vehicle Replacement Schedule-Patrol & Detective	87,000				87,000
OTHER PROJECTS TOTAL	\$119,000	\$14,000	\$115,000	\$181,000	\$429,000

LARGE CAPITAL EQUIPMENT

LARGE CAPITAL EQUIPMENT

Project Name: New 4 WD Vehicle for Water Conservation Program and WTP

Project Description: In 2006, a new position was approved and hired for a Water Conservation program Coordinator. This employee is in a position that makes frequent trips throughout the city to conduct water audits; however, the position does not have a city assigned vehicle. In addition, the two vehicles at the Water Treatment Plant are two wheel drive and it is difficult to conduct required water quality monitoring in the city during snow/ice events. A small 4WD truck would be used by the Conservation Coordinator to conduct audits in the summertime and serve as a resource for Water Treatment Plant staff in the winter to collect water samples and perform system maintenance during snow/ice events.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Needed to Provide Services



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water	Operating	35					35
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$35	\$-	\$-	\$-	\$-	\$35
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase	35					35
Expenses Total		\$35	\$-	\$-	\$-	\$-	\$35

LARGE CAPITAL EQUIPMENT

Project Name: Assistant Fire Chief's Vehicle Replacement

Project Description: Replacement of Assistant Fire Chief's vehicle, City unit #2183. Vehicle is a 2001 Dodge Durango with 80,600 miles. Expected service life of the vehicle is 10 years. LOFD recommends replacing the vehicle in FY 2010/11.

Funded/Unfunded: Funded

Estimated Date of Completion: Spring 2011

Justification: Asset Management



LARGE CAPITAL EQUIPMENT

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating	32					32
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$32	\$-	\$-	\$-	\$-	\$32
Expenses	Design						-
	Const Admin						-
	Purchase	32					32
Expenses Total		\$32	\$-	\$-	\$-	\$-	\$32

LARGE CAPITAL EQUIPMENT

Project Name: Dump Truck, Plow/Sander Replacement

Project Description: This project calls for the replacement of the snow plow truck with a new, all wheel drive, five yard dump truck that includes a sander and snow plow attachment. The truck being replaced was used almost exclusively during snow storms for plowing. The Street Department normally leaves one truck set-up with a plow and chains ready for use, from approximately the week before Thanksgiving until March. The truck is used occasionally to haul large boulders during non-storm events. The limited amount of use was mostly due to the configuration of this truck. The configuration was setup by the State in 1971 and configures the snow plow operation to have an extremely low gear ration for maximum traction in winter weather. The new truck would allow the City to utilize the dump truck in the City fleet for the remaining months of the year in lieu of a plow truck that is only useful for a portion of the calendar year.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street/Water/ Wastewater/Storm	Operating	189					189
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$189	\$-	\$-	\$-	\$-	\$189
Expenses	Design	8					8
	Proj. Admin	3					3
	Construction	178					178
Expenses Total		\$189	\$-	\$-	\$-	\$-	\$189

LARGE CAPITAL EQUIPMENT

Project Name: Flat Bed, 2-Ton Replacement

Project Description: It has been previously identified that we need to replace two, 30-year old flat bed trucks. We have established we could replace both of these trucks with one new, more fuel efficient, and more easily operated truck. The current flat bed trucks have poor fuel mileage, are difficult to drive, have obsolete parts, have deteriorating metal cabs, and are less cost effective to operate and maintain than one new vehicle.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Asset Management



LARGE CAPITAL EQUIPMENT

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Water, Street, Stormwater, Wastewater, and Parks	Operating	86					86
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$86	\$-	\$-	\$-	\$-	\$86
Expenses	Design	5					5
	Proj. Admin	1					1
	Construction	80					80
Expenses Total		\$86	\$-	\$-	\$-	\$-	\$86

LARGE CAPITAL EQUIPMENT

Project Name: Police Department Vehicle Replacement Schedule

Project Description: The Police Department uses vehicles while performing daily operations. Vehicles are assigned to the Patrol Division, Traffic Division, Detective Division and Administration. These vehicles are rotated out on a yearly schedule depending on the mileage of the vehicle.

Funded/Unfunded: Funded

Estimated Date of Completion: Yearly

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating	87	188	216	179	185	855
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$87	\$188	\$216	\$179	\$185	\$855
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase	87	188	216	179	185	855
Expenses Total		\$87	\$188	\$216	\$179	\$185	\$855

LARGE CAPITAL EQUIPMENT

Project Name: 2014 Street Sweeper Replacement

Project Description: We have three street sweepers in our fleet, two for standard street sweeping (fine particulate) and one for pathways and other types of work. The typical lifespan for a sweeper is 5-8 years; in 2015 the pathway sweeper will be 11 years old and should be replaced with a new mechanical sweeper. This type of sweeper can handle pathways and is also useful for heavy, matted leaves that are problematic for fine particulate sweepers. The Street Sweeping program keeps streets clean and minimizes pollutants entering local waterways. Routine replacement of street sweepers supports the required level of street sweeping.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					221	221
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$221	\$221
Expenses	Design					16	16
	Proj. Admin					1	1
	Purchase					204	204
Expenses Total		\$-	\$-	\$-	\$-	\$221	\$221

LARGE CAPITAL EQUIPMENT

Project Name: Annual Small Truck Replacements

Project Description: Provide a systematic and cost effective way to prevent the maintenance vehicles from becoming obsolete by providing ongoing, scheduled replacements within the utility maintenance fleet (Street, Stormwater, Water and Wastewater). Replacement vehicles will generally match those that already exist in the fleet. Small pickups are the workhorse of the utility fleet, allowing small crews to carry out a large variety of routine maintenance work. Routine replacement will minimize down time due to obsolete parts and higher repair needs of older vehicles.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Annual

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Utility Funds	Operating		35	56	88	60	239
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$35	\$56	\$88	\$60	\$239
Expenses	Design		2	2	2	2	8
	Proj. Admin		1	1	1	1	4
	Construction						-
	Purchase		32	53	85	57	227
Expenses Total		\$-	\$35	\$56	\$88	\$60	\$239

LARGE CAPITAL EQUIPMENT

Project Name: Battalion Chief Vehicle Replacement

Project Description: Replacement of Battalion Chief's emergency response vehicle, City unit #2198. Vehicle is a Chevrolet Suburban with 22,854 miles (as of 11/11/09). Expected service life of vehicle is 5 years and should be replaced in the 2012 budget.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Asset Management



LARGE CAPITAL EQUIPMENT

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating		60				60
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$60	\$-	\$-	\$-	\$60
Expenses	Design						-
	Const Admin						-
	Purchase		60				60
Expenses Total		\$-	\$60	\$-	\$-	\$-	\$60

LARGE CAPITAL EQUIPMENT

Project Name: Camera Van Replacement

Project Description: Replacement of the 1998 old camera van (\$50,000) and camera equipment (\$100,000). The camera equipment has been updated, but will need to be replaced. The van is in reasonable condition, but parts are difficult to obtain due to vehicle age. The van and camera equipment may be replaced separately. The van may be a candidate for a hybrid vehicle replacement, but at significant additional cost. The vehicle is needed because TV inspection of wastewater lines supports asset management by identifying aging infrastructure and assists in line cleaning and trouble shooting to avoid sewer overflows.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Wastewater	Operating		168				168
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$168	\$-	\$-	\$-	\$168
Expenses	Design		17				17
	Proj. Admin		1				1
	Construction						-
	Purchase		150				150
Expenses Total		\$-	\$168	\$-	\$-	\$-	\$168

LARGE CAPITAL EQUIPMENT

Project Name: Deputy Fire Marshall Vehicle Replacement

Project Description: Replacement of Deputy Fire Marshall's vehicle, City unit #2186. Vehicle is a 1999 Ford F150 pickup with 27,948 miles (as of 11/11/09). Expected service life of vehicle is 10 years, but given its relatively low miles, LOFD is proposing that the vehicle be replaced in FY 2014/15.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Asset Management



LARGE CAPITAL EQUIPMENT

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					35	35
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$35	\$35
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase					35	35
Expenses Total		\$-	\$-	\$-	\$-	\$35	\$35

LARGE CAPITAL EQUIPMENT

Project Name: Dive Rescue Emergency Response Vehicle Replacement

Project Description: Replacement of Dive Rescue emergency response vehicle, City unit #2185. Vehicle is a 1999 F550 Ford four door pickup/utility box attached with 14,620 miles (as of 11/11/09). Expected service life of vehicle is 15 years, but given its relatively low miles, LOFD is proposing to replace this vehicle in FY 2014/15.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					184	184
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$184	\$184
Expenses	Design						-
	Proj. Admin						-
	Purchase					184	184
Expenses Total		\$-	\$-	\$-	\$-	\$184	\$184

LARGE CAPITAL EQUIPMENT

Project Name: Facilities Vehicle Replacement

Project Description: Current vehicle is a 1990 Ford Ranger pick-up with 120,385 miles. The vehicle is undersized for the type of work.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Asset Management



LARGE CAPITAL EQUIPMENT

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating		35				35
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$35	\$-	\$-	\$-	\$35
Expenses	Design						-
	Proj. Admin						-
	Construction		35				35
Expenses Total		\$-	\$35	\$-	\$-	\$-	\$35

LARGE CAPITAL EQUIPMENT

Project Name: Fire Chief's Vehicle Replacement

Project Description: Replacement of Fire Chief's vehicle, City unit #2181. Vehicle is a 2004 Pontiac with 40,300 miles (as of 11/11/09). Original service life of vehicle is 10 years and should be replaced in the 2013-14 budget.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					29	29
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$29	\$29
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase					29	29
Expenses Total		\$-	\$-	\$-	\$-	\$29	\$29

LARGE CAPITAL EQUIPMENT

Project Name: Fire Marshall's Vehicle Replacement

Project Description: Replacement of Fire Marshal's vehicle, City unit #2191. Vehicle is a 1999 Jeep with 55,274 miles (as of 11/11/09) Expected service life of vehicle is 10 years. Given the relatively low miles on the vehicle, LOFD is proposing that the vehicle be replaced in FY 2011-12.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Asset Management



LARGE CAPITAL EQUIPMENT

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating		27				27
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$27	\$-	\$-	\$-	\$27
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase		27				27
Expenses Total		\$-	\$27	\$-	\$-	\$-	\$27

LARGE CAPITAL EQUIPMENT

Project Name: Golf Course Maintenance Equipment Replacement Schedule

Project Description: The Parks & Recreation Department uses a number of different types of large equipment to maintain the Golf Course. Equipment is assigned to the Golf Division and is replaced upon reaching the end of its useful life. Replacements for the upcoming five year CIP include:
 FY 11-12: 1-82" Triplex Mower
 FY 13-14: 1-4.4 Workman Truster

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012 and 2014

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating		30		32		62
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$30	\$-	\$32	\$-	\$62
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase		30		32		62
Expenses Total		\$-	\$30	\$-	\$32	\$-	\$62

LARGE CAPITAL EQUIPMENT

Project Name: High Pressure Cleaner (HPC) Replacement (Stormwater)

Project Description: The 2000 HPC 3,000 gallon capacity is used for storm drain cleaning and excavation work. Reliability and cost of repairs motivate replacement of this essential piece of maintenance equipment. HPC's are generally replaced on a 10 year schedule due to heavy wear caused by operating under routine high water pressure. HPC's can take as much as 270-360 days to bid and build; final purchase may roll into a second year. The vehicle is needed because the piped portion of the City's stormwater system requires storm line maintenance.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				243		243
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$243	\$-	\$243
Expenses	Design				17		17
	Proj. Admin				1		1
	Construction				225		225
	Purchase						-
Expenses Total		\$-	\$-	\$-	\$243	\$-	\$243

LARGE CAPITAL EQUIPMENT

Project Name: Ladder Truck Emergency Response Replacement Vehicle

Project Description: Replacement of Ladder Truck emergency response apparatus City unit #2184. Vehicle is a 1999 Pierce Arrow Aerial 105 ft. truck/500 gallons per minute waterouts pump with 61,896 miles (as of 11/11/09). Original service life of vehicle is 15 years and should be replaced in the 2014 budget.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating				1,043		1,043
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$1,043	\$-	\$1,043
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase				1,043		1,043
Expenses Total		\$-	\$-	\$-	\$1,043	\$-	\$1,043

LARGE CAPITAL EQUIPMENT

Project Name: Park Maintenance Equipment Replacement Schedule

Project Description: The Parks & Recreation Department uses a number of different types of large equipment to maintain parks. Equipment is assigned to the Parks Maintenance Division and are replaced when they have reached the end of their useful life. Replacements for the upcoming five year CIP include:
 FY 10-11: 1-Wide Area Mower; 1-72" Small Area Mower
 FY 11-12: 1-72" Park Mower (George Rogers Park, and small east side parks); 1-Loader Tractor
 FY 12-13: 1-Turf Aerator; 1-Triplex Mower for Infields
 FY 13-14: 1-Turf Truck
 FY 14-15: 1 Wide Area Mower

Funded/Unfunded: Unfunded

Estimated Date of Completion: Upon purchase of replacement equipment

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating		155	50	30	60	295
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$155	\$50	\$30	\$60	\$295
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase		155	50	30	60	295
Expenses Total		\$-	\$155	\$50	\$30	\$60	\$295

LARGE CAPITAL EQUIPMENT

Project Name: Parks & Recreation Vehicle Replacement Schedule

Project Description: The Parks & Recreation Department uses vehicles while performing daily operations for parks maintenance, recreation programs, and Adult Community Center transportation services. Vehicles are assigned to the parks Maintenance Division, Admin-Recreation Divisions, and Adult Community Center Division. Vehicles are replaced when they have reached the end of their useful life. Replacements for the upcoming five year CIP include:
 FY 10-11: 1-3/4 ton pickup truck
 FY 11-12: 1-1/2 ton pickup truck; 1-15 passenger van (ACC)
 FY 12-13: 1 1 ton pickup truck; 1-3/4 ton pick up truck
 FY 13-14: 1 1/2 ton pickup truck; 1-mini van (Park Admin/Recreation)
 FY 14-15: 1-1 ton pickup truck

Funded/Unfunded: Unfunded

Estimated Date of Completion: Upon purchase of replacement vehicle

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General Fund	Operating		120	80	50	60	310
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$120	\$80	\$50	\$60	\$310
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase		120	80	50	60	310
Expenses Total		\$-	\$120	\$80	\$50	\$60	\$310

LARGE CAPITAL EQUIPMENT

Project Name: Street Sweeper Replacement

Project Description: We have three street sweepers in our equipment fleet. One of these is a 2001 that needs replacement. The closest we have to an industry accepted standard for a sweeper replacement is 5-8 years. Through aggressive and careful preventive maintenance we have operated this sweeper for nine years. Its reliability is severely limited by its age and general condition.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Vehicle Needed to Provide Services



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating		201				201
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$201	\$-	\$-	\$-	\$201
Expenses	Design		15				15
	Proj. Admin		1				1
	Construction		185				185
							-
Expenses Total		\$-	\$201	\$-	\$-	\$-	\$201

LARGE CAPITAL EQUIPMENT

Project Name: Vehicle Replacement Plan for Engineering Division

Project Description: The Engineering Division currently has 8 vehicles that are shared by 18 staff members. The vehicles range in age from 2 to 17-years. Several vehicles have obsolete seat belt harness systems and lack air bags. The sedan styles are not efficient for carrying tools, equipment, and gear that are typically required for field work. This is a plan to replace vehicles on a 10-year schedule unless safety issues necessitate an earlier replacement. To achieve a 10-schedule, 2 vehicles would be replaced each year for the first 3 years, and then only one replacement per year after that for 2 years. Funding would be shared between all four utility funds: street maintenance, water, wastewater and surface water.

Funded/Unfunded: Unfunded

Estimated Date of Completion: On-going annual expense

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Utility Funds	Operating		60	60	35	35	190
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$60	\$60	\$35	\$35	\$190
Expenses	Design						-
	Proj. Admin						-
	Construction						-
	Purchase		60	60	60	35	215
Expenses Total		\$-	\$60	\$60	\$60	\$35	\$215

LARGE CAPITAL EQUIPMENT

Project Name: Water Rescue Boat Replacement

Project Description: Lake Oswego Fire Dept. rescue boat is a 2002 Motion Marine 19'. It was repowered in 2007. The original life expectancy was 10 years but due to the purchase point and severe duty the boat is showing excessive wear. While most components are modular and replaceable, we recommend the replacement of the boat while value exists. This rescue boat is instrumental in surface water rescue and dive rescue within City boundaries and supports the Clackamas County Water Rescue Consortium.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			73			73
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$73	\$-	\$-	\$73
Expenses	Design			12			12
	Proj. Admin						-
	Construction						-
	Purchase			61			61
Expenses Total		\$-	\$-	\$73	\$-	\$-	\$73

LARGE CAPITAL EQUIPMENT

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA) OVERVIEW

The work of the Lake Oswego Redevelopment Agency (LORA) is guided by the 2004 Redevelopment Plan. The Plan's 23 projects are designed to create a vital downtown that meets the needs of the Lake Oswego community. The projects include land acquisition, design, and construction to provide needed infrastructure and to serve as a catalyst for private development. The 2004 Plan lists projects to be completed through 2020.

The Redevelopment Agency's work is funded through tax increment financing which provides a dedicated revenue source in conformance with ORS Chapter 457. This revenue is required by law to be used solely for projects approved through LORA's publicly approved plan. LORA's Plan and Budget are approved by the City Council acting in their capacity as LORA Board Members.

Past projects have included Millennium Plaza Park, First Street, A Avenue, Stafford Commons, Lakeview Village, Evergreen Road (between 1st and 2nd), the Headlee Walkway and A Street Station (Tucci's and Windermere) and the 38 condominiums southward toward Evergreen Road.

Two major projects are currently proposed for the Capital Improvement Plan. Lakefront Park (unofficial name) is a park project that is currently listed as a goal by the City Council. The North Anchor Project is a proposed mixed-use redevelopment project at 1st and B with the public library as a possible tenant. These projects are also described in the 2004 Redevelopment Plan. One smaller project will result in increased pedestrian safety and street beautification. This project is listed in the CIP as the North Shore/State Street Intersection Improvement. This project is supported by the Redevelopment Plan and was requested by the adjoining Neighborhood Association. Finally, the Agency will complete a parking analysis for Downtown.

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

Lake Oswego Redevelopment Agency (LORA) Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Lake Oswego Lakefront Park	1,800,000					1,800,000
North Shore-State St Intersection Improvements	105,000					105,000
Public Improvements and Beautification	165,000					165,000
Unfunded						
B Ave Village Anchor Street		5,000,000				5,000,000
Block 137 (Wizers)			2,000,000	1,000,000		3,000,000
Block 45 (Safeway)					3,200,000	3,200,000
Lake Oswego Transit Center Roadway Rehabilitation		138,000	812,000			950,000
North Anchor			26,000			26,000
Second Street			800,000			800,000
Willamette Steps-Transit Center			2,600,000	2,000,000		4,600,000
Total	2,070,000	5,138,000	6,238,000	3,000,000	3,200,000	19,646,000

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

Funded Lake Oswego Redevelopment Agency (LORA) Projects

	LORA Fund	Street Fund	Water Fund	Wastewater Fund	Total
Lake Oswego Lakefront Park	1,800,000				1,800,000
North Shore-State St Intersection Improvements	105,000				105,000
Public Improvement and Beautification Program	165,000				165,000
LORA PROJECTS TOTAL	\$2,070,000	\$0	\$0		\$2,070,000

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

Project Name: Lake Oswego Lakefront Park

Project Description: Phase I construction to complete the park north of the Lake Twin Theater and south of the Lakeshore Hotel. The park will provide outdoor seating and restrooms along Lakewood Bay and outdoor dining opportunities for the Lake Twin Theater/Cafe.

Funded/Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Council Goal, Lake Oswego Redevelopment Plan, Oswego Lakefront Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
LORA	Operating	1,800					1,800
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$1,800	\$-	\$-	\$-	\$-	\$1,800
Expenses	Design						-
	Proj. Admin						-
	Construction	1,800					1,800
Expenses Total		\$1,800	\$-	\$-	\$-	\$-	\$1,800

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

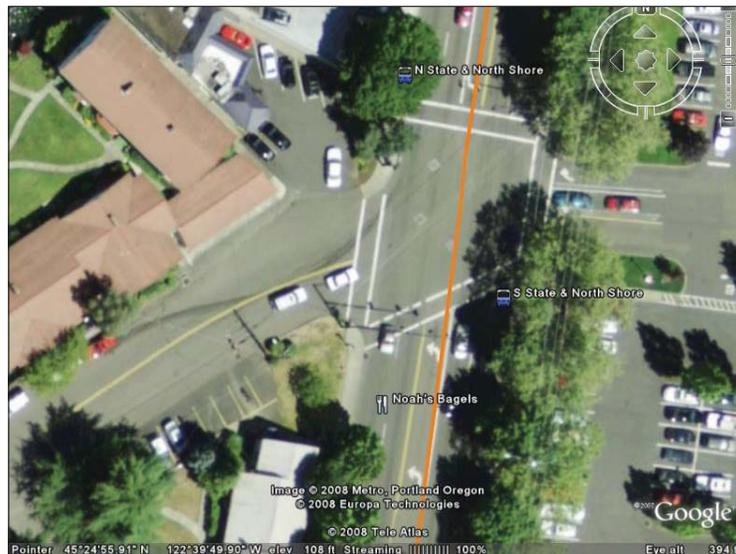
Project Name: North Shore-State Street Intersection Improvements

Project Description: This project includes improvements to the pedestrian crossing and access on the west approach to the intersection, including realigned curbs and access ramps, a concrete crosswalk, improved sidewalks, landscaping, new street lighting, an improved transit shelter, and a new sign designating the Lakewood Neighborhood.

Funded/Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Lake Oswego Redevelopment Plan, Transportation Management Plan.



Fiscal Year (\$ in 000's)							
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
LORA	Operating	105					105
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$105	\$-	\$-	\$-	\$-	\$105
Expenses	Design	10					10
	Proj. Admin						-
	Construction	95					95
Expenses Total		\$105	\$-	\$-	\$-	\$-	\$105

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

Project Name: Public Improvements and Beautification Program

Project Description: Various public facility and utility project opportunities will improve the pedestrian character of the Downtown, allow better visible circulation and access, improve accessibility and act as a catalyst for adjacent development. These projects include storm and sanitary sewer improvements, pedestrian walkways, parking facilities, open space development, bicycle paths, public rest rooms and other related uses.

Funded/Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Lake Oswego Redevelopment Plan, Project V



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
LORA	Operating	165					165
	Operating						-
	Bonds						-
	Grants						-
Resources Total		\$165	\$-	\$-	\$-	\$-	\$165
Expenses	Design						-
	Proj. Admin	25					25
	Construction	140					140
							-
Expenses Total		\$165	\$-	\$-	\$-	\$-	\$165

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

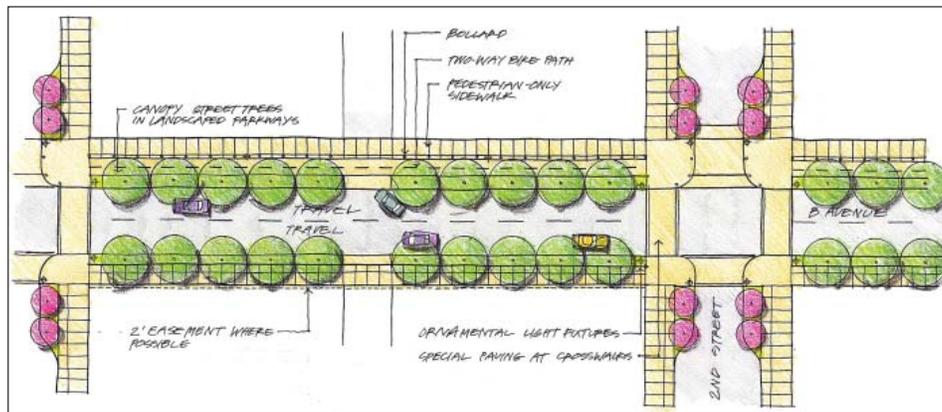
Project Name: B Avenue Village Anchor Street

Project Description: This project includes street improvements analysis and design of B Avenue right-of-way needs, including roadway capacity, service levels at intersections, signalization, turn-lanes, undergrounding of overhead utilities and multi-modal use.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Lake Oswego Redevelopment Plan, Project D, E, G and N



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
LORA	Operating		5,000				5,000
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$5,000	\$-	\$-	\$-	\$5,000
Expenses	Design		1,000				1,000
	Proj. Admin						-
	Construction		4,000				4,000
							-
Expenses Total		\$-	\$5,000	\$-	\$-	\$-	\$5,000

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

Project Name: Block 137 (Wizers)

Project Description: Potential mixed-use site with retail fronting on First Street. The site could include a boutique style hotel. Public funds can be used to encourage the hotel design by providing needed public parking.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Lake Oswego Redevelopment Plan, Projects J & T



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			2,000	1,000		3,000
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$2,000	\$1,000	\$-	\$3,000
Expenses	Design						-
	Proj. Admin						-
	Construction			2,000	1,000		3,000
							-
Expenses Total		\$-	\$-	\$2,000	\$1,000	\$-	\$3,000

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

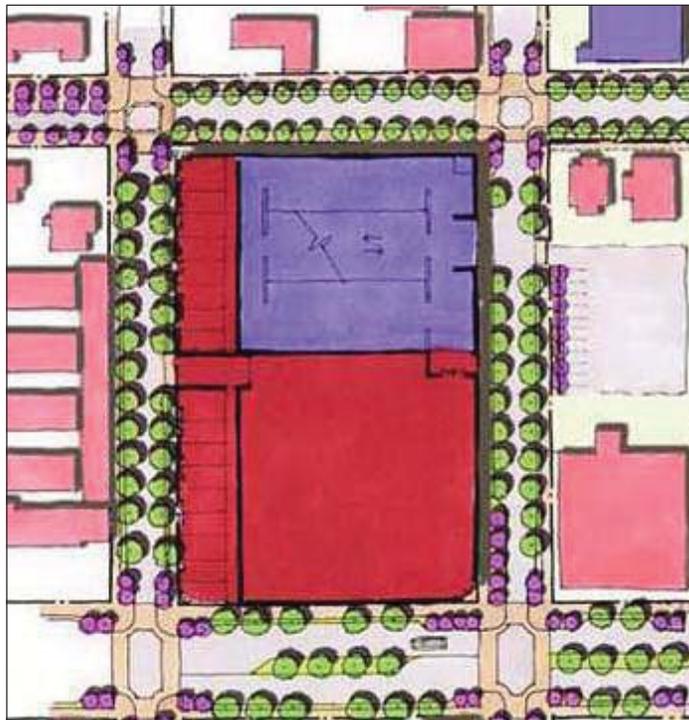
Project Name: Block 45 (Safeway)

Project Description: Potential public improvements to street surrounding Block 45. Some property acquisition may be required.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Lake Oswego Redevelopment Plan, Project K



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating					3,200	3,200
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$3,200	\$3,200
Expenses	Design					600	600
	Proj. Admin						-
	Construction					2,600	2,600
Expenses Total		\$-	\$-	\$-	\$-	\$3,200	\$3,200

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

Project Name: Lake Oswego Transit Center Roadway Rehabilitation

Project Description: The streets of this project have been severely damaged due to bus traffic on streets not designed to handle the loads. This project would include some streetscape improvements along 4th, as well as include ADA upgrades. The project would completely rebuild the streets and would include adding concrete bus pads.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Asset Management/ADA Improvements



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street Fund	Operating		103	607			710
LORA	Operating		35	205			240
	Bonds						-
	Grants						-
Resources Total		\$-	\$138	\$812	\$-	\$-	\$950
Expenses	Design		118				118
	Proj. Admin		20	20			40
	Construction			792			792
							-
Expenses Total		\$-	\$138	\$812	\$-	\$-	\$950

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

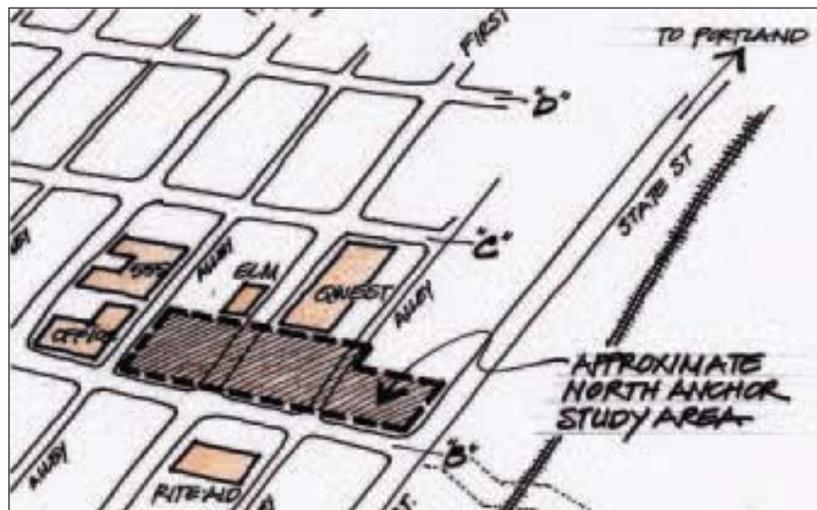
Project Name: North Anchor

Project Description: Provide an anchor for the north end of the shopping district centered on First Street with Millennium Plaza Park as the south anchor. Among the different types of developments that occur at this site is the possibility for a new public library. The site could also have a privately developed mixed-use component.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Lake Oswego Redevelopment Plan, Project H



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			26			26
	Bonds						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$26	\$-	\$-	\$26
Expenses	Design			1			1
	Proj. Admin						-
	Construction			25			25
Expenses Total		\$-	\$-	\$26	\$-	\$-	\$26

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

Project Name: Second Street

Project Description: Street improvements include beautification and angled parking. These improvements will also include special paving, landscaping, street trees, lighting, benches and art.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Lake Oswego Redevelopment Plan, Project C



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			800			800
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$800	\$-	\$-	\$800
Expenses	Design			150			150
	Proj. Admin						-
	Construction			650			650
							-
Expenses Total		\$-	\$-	\$800	\$-	\$-	\$800

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

Project Name: Willamette Steps-Transit Center

Project Description: This project would enhance the pedestrian crossing on State Street at B Avenue, providing a gracious stairway entry (as well as bicycle and ADA-accessible elements) linking the Foothills District and Willamette River waterfront with the East End downtown compact retail core. Development could include a mixed-use building and possibly a multi-modal transit center to include streetcar transit.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Lake Oswego Redevelopment Plan, Projects D & N



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating			2,600	2,000		4,600
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$2,600	\$2,000	\$-	\$4,600
Expenses	Design			600			600
	Proj. Admin						-
	Construction			2,000	2,000		4,000
Expenses Total		\$-	\$-	\$2,600	\$2,000	\$-	\$4,600

LAKE OSWEGO REDEVELOPMENT AGENCY (LORA)

PLAN UPDATES OVERVIEW

This section identifies the documents that are used to inform the development of future capital projects. Plan updates range from Master Plan updates to municipal code rewrites. There are five plan updates included in this year's CIP. Three of the five plan updates are mandated by Federal and State law.

PLAN UPDATES

Plan Updates Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Funded						
Hydromodification Assessment Plan	58,000	58,000				116,000
Parks and Recreation Comprehensive Plan	250,000					250,000
Stormwater (MS4) Retrofit Assessment Plan	29,000	29,000				58,000
Stormwater Design Manual and Code Consolidation	202,000					202,000
Transportation System Plan	125,000	125,000				250,000
Total	664,000	212,000	0	0	0	876,000

PLAN UPDATES

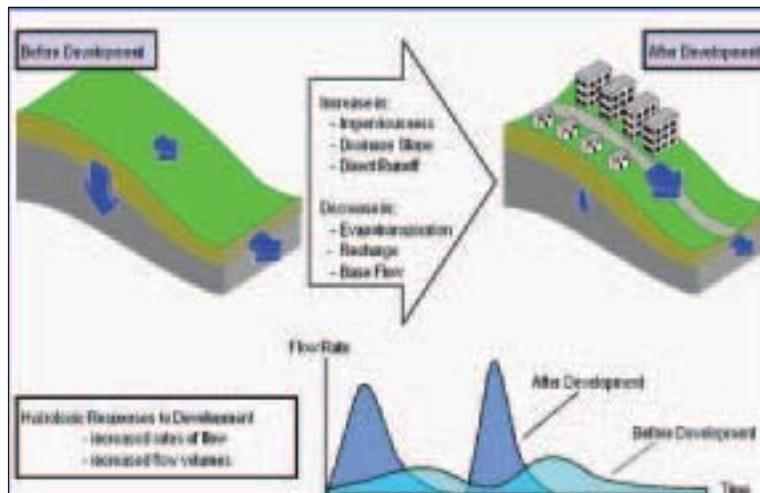
Project Name: Hydromodification Assessment Plan

Project Description: The City of Lake Oswego will be required to develop a hydromodification assessment. This assessment is federally mandated and is required by the State of Oregon via the City of Lake Oswego's NPDES MS4 permit. The report will need to be submitted by a yet to be determined compliance date. The Hydromodification Assessment will examine the hydromodification impacts related to the City of Lake Oswego's MS4 discharges, including erosion, pollutant loading, alteration to stormwater flow, volume and duration, and/or sedimentation, that may cause or contribute to water quality degradation. The assessment shall describe existing efforts and proposed actions the City of lake Oswego has identified to address the following objectives.

Funded/Unfunded: Funded

Estimated Date of Completion: July 2012

Justification: Federal and State Mandate



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating	58	58				116
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$58	\$58	\$-	\$-	\$-	\$116
Expenses	Design	50	50				100
	Proj. Admin	8	8				16
	Construction						-
Expenses Total		\$58	\$58	\$-	\$-	\$-	\$116

PLAN UPDATES

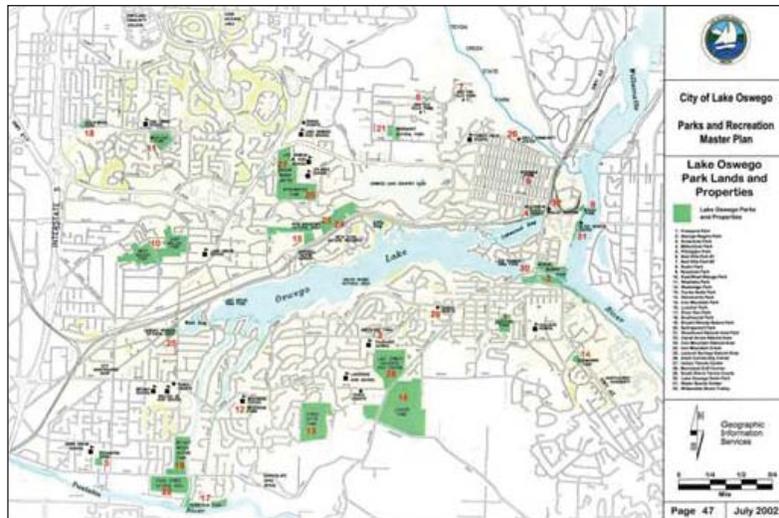
Project Name: Parks & Recreation Comprehensive Plan

Project Description: This project will result in an updated 5-15 year plan for parks, recreational facilities, and natural areas. The plan will include extensive public involvement, inventory of existing facilities/land, development of priorities, recommendations, funding sources, and timeline. An additional study for Luscher Farm will be incorporated. The 1997 Luscher Farm master plan is out of date and does not include over 86 adjoining acres purchased since 1999. To avoid unplanned use and development, an update to the master plan needs to be incorporated as part of the Parks & Recreation Comprehensive Plan update to establish a renewed vision for the future of these park properties.

Funded/Unfunded: Funded

Estimated Date of Completion: Summer - Fall 2011

Justification: Plan Update; 2010 PRAB Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating	250					250
	SDC's						-
	Bonds						-
	Grants						-
Resources Total (LORA)		\$250	\$-	\$-	\$-	\$-	\$250
Expenses	Design	250					250
	Proj. Admin						-
	Construction						-
Expenses Total		\$250	\$-	\$-	\$-	\$-	\$250

PLAN UPDATES

Project Name: Stormwater (MS4) Retrofit Assessment Plan

Project Description: MS4 Retrofit Assessment Plan mandated by EPA and implemented by the State of Oregon via the City of Lake Oswego's NPDES-MS4 (stormwater) permit. The Retrofit Assessment will identify a systematic approach to 1) defining retrofit objectives, 2) identify retrofit locations and preferred treatment options and 3) create a retrofit project priority list. Stormwater retrofits have the potential to assist in the restoration of watersheds by providing stormwater treatment in areas where best management practices did not exist or were ineffective. The retrofit assessment will be scoped to 1) identify and fix past mistakes and maintenance problems, 2) address chronic flooding problems, 3) educate and demonstrate watershed and stormwater stewardship, 4) trap trash and floatables, 5) reduce pollutants of concern, 5) renovate/restore publicly owned sections of stream corridor and support ancillary stream restoration and 6) reduce downstream channel erosion.

Funded/Unfunded: Funded

Estimated Date of Completion: July 2012

Justification:



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating	29	29				58
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$29	\$29	\$-	\$-	\$-	\$58
Expenses	Design	25	25				50
	Proj. Admin	4	4				8
	Construction						-
							-
Expenses Total		\$29	\$29	\$-	\$-	\$-	\$58

PLAN UPDATES

PLAN UPDATES

Project Name: Stormwater Design Manual & Code Consolidation

Project Description: City code related to Stormwater and the City's Surface Water Design Manuals in need of being updated to reflect the current state of practice (Clean Streams Plan, 2009) (MS4 Permit Renewal, 2008). These are the first steps for making marked stormwater and water quality improvements within the City of Lake Oswego. The MS4 Permit will require Surfacewater utility and Stormwater Planning Code and Surfacewater Design Manual revisions. The Clean Streams Plan and the MS4 Permit renewal also identify code revisions and surfacewater design manual revisions.

Funded/Unfunded: Funded

Estimated Date of Completion: July 1, 2011

Justification: Federal and State Mandate



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Surfacewater	Operating	202					202
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$202	\$-	\$-	\$-	\$-	\$202
Expenses	Design	175					175
	Proj. Admin	27					27
	Construction						-
							-
Expenses Total		\$202	\$-	\$-	\$-	\$-	\$202

PLAN UPDATES

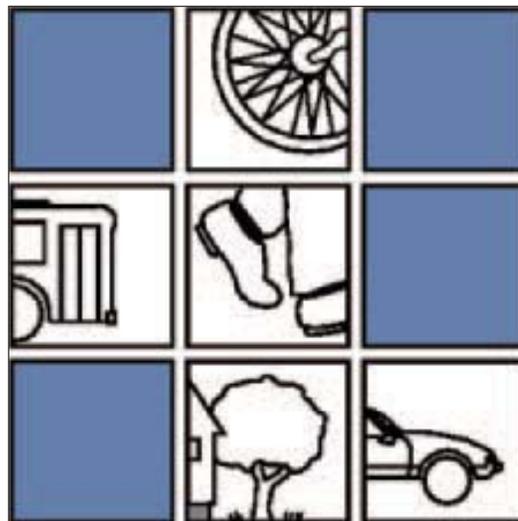
Project Name: Transportation System Plan (TSP)

Project Description: Update of the TSP and implementation of ordinances to comply with OAR 660-12-012 (Coordination with Federally-Required Regional Transportation Plans in Metropolitan Areas). Tasks will include compliance with the 2006 Oregon Transportation Plan, Regional Transportation Plan, existing conditions, needs and deficiencies analysis, transportation system solutions, capital improvements projects list, funding sources, and policies, maps and regulations as needed to implement the TSP.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: State Mandate



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Street	Operating	125	125				250
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$125	\$125	\$-	\$-	\$-	\$250
Expenses	Design	105	105				210
	Proj. Admin	20	20				40
	Construction						-
							-
Expenses Total		\$125	\$125	\$-	\$-	\$-	\$250

PLAN UPDATES

FUTURE PROJECTS OVERVIEW

This category lists the unfunded projects that are on the City's radar for the out years of FY 2015/16 to FY 2040/41. This year is the first time a Future Projects section has been included as part of the CIP. This section is designed to draw attention to large unfunded projects that will need to be addressed in the next 5 to 25 years. Currently, there are three projects included in this section, all of which fall within the ten-year window of FY 2015/16 to FY 2025/26.

FUTURE PROJECTS

Future Projects Summary

	2015-20	2020-25	2025-30	2030-5	2035+	Total
City Hall		25,000,000				25,000,000
State St Improvements						
State St - Tryon Creek Bridge		12,000,000				12,000,000
Total	0	37,000,000	0	0	0	37,000,000

FUTURE PROJECTS

Project Name: City Hall
Project Description: Repair or Replace the City Hall Building
Funded/Unfunded: Unfunded
Estimated Date of Completion: 2015-2025
Justification: City Council Policy



FUTURE PROJECTS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2015-20	2020-25	2025-30	2030-35	2035 +	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin						-
	Construction		25,000				25,000
Expenses Total		\$-	\$25,000	\$-	\$-	\$-	\$25,000

FUTURE PROJECTS

Project Name: State St Improvements
Project Description: Make State St more of an urban boulevard with improved pedestrian and bicycle facilities along State St as well as east-west access across the street to improve connections between downtown to Foothills. Additional intersections will provide access to Foothills. Project will need to be coordinated with ODOT as they own and manage State St as a state highway.
Funded/Unfunded: Unfunded
Estimated Date of Completion: 2015-2025
Justification: Improve Pedestrian and Bicycle Pathways



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2015-20	2020-25	2025-30	2030-35	2035 +	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin						-
	Construction						-
Expenses Total		\$-	\$-	\$-	\$-	\$-	\$-

FUTURE PROJECTS

Project Name: State St - Tryon Creek Bridge

Project Description: Construct a bridge on State St over Tryon Creek to replace the existing culvert. Project will improve fish passage and environmental connections. Pedestrian and bicycle access will be provided under the bridge connecting Foothills Park, Tryon Cove and the future Willamette River Trail with Tryon State Park. Since State St is a state highway facility, the project would be owned by ODOT with City participation.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015-2025

Justification: City Council Concept



FUTURE PROJECTS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2015-20	2020-25	2025-30	2030-35	2035 +	Total
	Operating		12,000				12,000
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$12,000	\$-	\$-	\$-	\$12,000
Expenses	Design						-
	Proj. Admin						-
	Construction		12,000				12,000
							-
Expenses Total		\$-	\$12,000	\$-	\$-	\$-	\$12,000

FUTURE PROJECTS

Overview

The following projects were added to the CIP document per City Council directive at the July 6, 2010 Council Meeting.

Addendum Project Summary

	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Unfunded						
Golf Course Driving Range		1,200,000				1,200,000
Indoor Tennis Center		6,500,000				6,500,000
Replace South Shore Fire Station				410,000	2,390,000	2,800,000
WEB-Chiller Replacement		270,000				270,000
Total	0	7,970,000	0	410,000	2,390,000	10,770,000

ADDENDUM

Project Name: Golf Course Driving Range

Project Description: Construction of a new golf course driving range. Current cost estimates are \$800,000 - \$1,200,000 for the entire project. Siting study and cost analysis is currently underway to determine the final location of a new facility.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Safety, Aging Infrastructure, Improved Revenue Generation Capacity



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
	Operating						-
	SDC's						-
	Bonds						-
	Unknown		1,200				1,200
Resources Total		\$-	\$1,200	\$-	\$-	\$-	\$1,200
Expenses	Design						-
	Proj. Admin						-
	Construction		1,200				1,200
Expenses Total		\$-	\$1,200	\$-	\$-	\$-	\$1,200

ADDENDUM

Project Name: Indoor Tennis Center

Project Description: Construction of a new 8-10 court indoor tennis center to replace the existing four court facility. The 2009 Golf Tennis Feasibility Study recommends the City build a new indoor tennis facility to address unmet indoor tennis needs of Lake Oswego's citizens. Current cost estimates are \$5,500,000 - \$6,500,000. Siting study is currently underway to determine the final location of a new facility.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: The existing four court facility is too small to meet community demand for public indoor tennis facility needs.



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating						-
	Revenue Bonds		5,000				5,000
	Sale of Property		1,000				1,000
	Grants		500				500
Resources Total		\$-	\$6,500	\$-	\$-	\$-	\$6,500
Expenses	Design						-
	Proj. Admin						-
	Construction		6,500				6,500
							-
Expenses Total		\$-	\$6,500	\$-	\$-	\$-	\$6,500

ADDENDUM

Project Name: Replace South Shore Fire Station

Project Description: Built in 1971, the South Shore Fire Station-212 is the oldest of the four fire stations operated by the Lake Oswego Fire Department. The total building area is 5,463 sq ft, including the apparatus bay. The facility has reached the end of its useful life-cycle and has several significant structural and design issues that negatively affect firefighter safety and emergency response.

Funded/Unfunded: Unfunded

Estimated Date of Completion: July 2015

Justification: City Council Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating						-
	SDC's						-
	Bonds				410	2,390	2,800
	Grants						-
Resources Total		\$-	\$-	\$-	\$410	\$2,390	\$2,800
Expenses	Design				390		390
	Proj. Admin				20	110	130
	Construction					2,280	2,280
Expenses Total		\$-	\$-	\$-	\$410	\$2,390	\$2,800

ADDENDUM

Project Name: WEB - Chiller Replacement

Project Description: Install two new water-cooled chillers with VFD's. Currently the WEB is running on one chiller and it is designed to run on two. The remaining chiller is at end-of-life expectancy and could go out at any time.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Periodic Asset Replacement



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2010-11	2011-12	2012-13	2013-14	2014-15	Total
General	Operating		270				270
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$270	\$-	\$-	\$-	\$270
Expenses	Design						-
	Proj. Admin						-
	Construction		270				270
							-
Expenses Total		\$-	\$270	\$-	\$-	\$-	\$270

ADDENDUM