



CITY OF LAKE OSWEGO CAPITAL IMPROVEMENT PLAN FY 2009/10 - 2013/14





June 1, 2009

CITY MANAGER'S
OFFICE

CITY OF
LAKE OSWEGO

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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:

I am pleased to present the City's 5-Year Capital Improvement Program (CIP) document for your review and consideration. This document represents a cooperative effort across the entire organization, where all City departments with capital programs (or program interests) participated in helping to create it. For many of the participants, especially those new to the City of Lake Oswego, this was their first time to be actively engaged in this process. You will find that this document is focused on FY 2009-10, with the out-years (FY 2011-14) *shown for illustrative purposes only*. As the CIP process becomes more defined in the future, the coordination between the budget (and our utility financial models) will better predict project funding schedules.

The process to develop this particular CIP document began in mid-January of this year. However, it is our intention to update the CIP annually, kicking off the process each year in September. This will allow staff to coordinate capital needs with available financial resources concurrently with the City's annual budget process.

Background

To be eligible for inclusion in a CIP, a project must be a minimum \$10,000, have a multi-year useful life, and result in a capital asset. The current 5-year CIP document hasn't been updated since it was adopted on March 15, 2005. Much has happened since that time, most notably the Lake Oswego Sewer Interceptor (LOIS) project is under construction. Furthermore, the Lake Oswego – Tigard Water Supply Expansion partnership project is now in the beginning stages of project development, and will continue through 2016. With the formation of the "new" Public Works Department, and its traditional focus on public infrastructure projects, it made sense for this department to develop and orchestrate a coordinated CIP effort among all City departments. In the past, many projects that involved public infrastructure (i.e. Parks, Facilities, etc.) were not necessarily coordinated with those involved with providing the ongoing operations and maintenance. By having multi-departmental and interdisciplinary approach, it is anticipated that all stakeholder interests will be better met, while achieving cost efficiencies, better project delivery and minimizing construction impacts to the community.



This proposed FY 2010-14 CIP document does not include Lake Oswego Redevelopment Agency (LORA) projects; however it is anticipated these project will be incorporated into future CIP documents. Other capital purchases, such as large equipment or vehicle purchases or replacement will be incorporated into the full budget process on an annual basis.

Document Overview/Highlights

The CIP contains an introduction, program narrative summaries, program cost summaries and individual project worksheets for the following program areas:

- **Parks and Open Space**
- **Transportation**
 - Roadways
 - Intersections
 - Bicycle Pathways
 - Pathways
 - Transit
- **Utilities**
 - Water
 - LO/Tigard Water Supply Expansion Partnership Project
 - Surfacewater
 - Wastewater
 - Lake Oswego Interceptor Sewer (LOIS)
- **Facilities**
- **Other**

The CIP document is intended to provide general information regarding capital projects, including project descriptions, justifications, costs, and funding sources. The introduction provides an overview of the document, including program area descriptions, project categories and prioritization criteria for both "Sustainability" and "Owner/Operator" based perspectives. As a starting point for prioritizing the projects this year, we used the sustainability criteria developed by the Tualatin Valley Water District to develop a ranked list for this first year. These criteria include consideration for social and environmental enhancements. As we move forward, these evaluation criteria will become more refined and objective, and will provide additional value within the decision making process.

What's Ahead

Beginning the new fiscal year, staff will clearly define the CIP process in accordance with City Council goals, and ensure a greater opportunity for stakeholder involvement. In order to achieve Council's goal for greater public engagement, I will be asking you for feedback regarding how the process should occur. This will help to ensure that subsequent CIP document recommendations have been appropriately vetted through a formal process prior to presenting to Council for approval. It is anticipated that many of the City's advisory committees, neighborhood associations and the Planning Commission will have opportunities for review and comment



Mayor Hoffman and Members of the City Council
June 1, 2009
Page 3

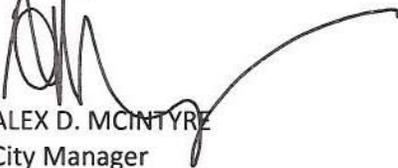
through the process. These CIP efforts will also help to clarify the City's multi-million dollar capital investment program (i.e. "where and why") and assist in managing community expectations for CIP project delivery.

Summary

This CIP document represents the investment of a significant amount of staff time. It will assist Councilors in understanding the context of anticipated capital investment needs over the next five years. As noted earlier, beginning this fall we will develop a formalized and documented process that facilitates greater public participation, which in turn promotes transparency and consistency in future efforts. On a personal note, given the number of new staff participants, I'm pleased with the efforts that created this CIP document and confident that subsequent endeavors will result in improvements that will add increased value to the community at large.

I hope you will find the proposed CIP document informative and that it will help illuminate the goals and intentions of the City's capital investment program for the future. On behalf of the Public Works Department and the other participating departments, I look forward to your comments, suggestions and feedback.

Sincerely,



ALEX D. MCINTYRE
City Manager

Enclosure





City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
Credits

Lake Oswego City Council

Mayor Jack Hoffman
Councilor Donna Jordan, Council President
Councilor Roger Hennagin
Councilor Kristin Johnson
Councilor Sally Moncrieff
Councilor Mary F. Olson
Councilor Bill Tierney

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Jordan Wheeler, Management Analyst
Brant Williams, Director of Economic &
Capital Development
Ed Wilson, Fire Chief





City of Lake Oswego

Capital Improvement Plan FY 2009/10-2013/14

TABLE OF CONTENTS

	<u>Pages</u>
<u>INTRODCUTION</u>	pgs 1-8
FY 2009/10-2013/14 Project Summary	pgs 9- 14
<u>PARKS AND OPEN SPACE</u>	
Parks and Open Space Overview.....	pg.17
FY 2009/10-2013/14 Project Summary.....	pg 18
FY 2009/10 Funded Project Summary	pg 19
Funded Projects	
Bill Gerber Memorial Garden	pg. 20
Indoor Tennis Center Court Resurfacing.....	pg.21
West Waluga Picnic Shelter Roof Repair & Playground Replacement.....	pg 22
Historic Iron Furnace Interpretive Area	pg 23
Westlake Park Playground & Playground Shelter	pg 24
Foothills Boat Dock.....	pg 25
Rosemont Trail – Phase 2.....	pg 26
Unfunded Projects	
Hwy 43 Entry Improvements	pg 27
George Rogers Park/Ladd St. & Phases 5 & 6 of Master Plan	pg 28
East Waluga Park Playground	pg 29
Westridge Park Sidewalk.....	pg 30
George Rogers Park Bathroom & Storage Replacement.....	pg 31
George Rogers Park Tennis Court Repair	pg 32
Greentree Park Playground Replacement.....	pg 33
Westlake Baseball Field Replacement	pg 34
Westridge Playground Replacement.....	pg 35
Westlake Park Storage Building Repairs	pg 36
Freepons Park Playground Replacement	pg 37
East Waluga Park Picnic Shelter and Snack Shack	pg 38
Pilkington Park Restrooms.....	pg 39
Canal Acres/Bryant Woods Natural Area.....	pg 40
<u>TRANSPORTATION</u>	
Transportation Overview	pg 43
FY 2009/10-2013/14 Project Summary	pgs 44-45
FY 2009/10 Funded Project Summary.....	pg 46



Roadways

Funded Projects

Annual Pavement Preservation Program..... pg 47
Royce Way Repaving..... pg 48
McNary Pkwy. Repaving..... pg 49

Unfunded Projects

Blue Heron Rd. Roadway Improvements..... pg 50
Kerr Pkwy Repaving..... pg 51
Boones Ferry Rd. Rehabilitation..... pg 52
Lakeview Blvd. Roadway Improvements..... pg 53
Stampher Road LID..... pg 54
Wetlake Dr. Repaving..... pg 55
Boones Ferry Rd. Improvements..... pg 56
Lake Grove Village Center – Hallmark Festival Street..... pg 57

Intersections

Funded Projects

Citywide Signal Improvement and Upgrade..... pg 59

Unfunded Funded Projects

Electronic Speed Awareness Signs..... pg 60

Pathways

Funded

ADA Sidewalk Ramp Retrofit Program..... pg 61
Chow Corner Regional Sidewalk..... pg 62
Pilkington/McEwan Pathway..... pg 63

Unfunded

Cook’s Butte Trail Construction..... pg 64
Kelok Neighborhood Pathway..... pg 65
Small Infill Pathways and Sidewalks..... pg 66
Cherry Lane Neighborhood Pathway..... pg 67
E Ave. Neighborhood Pathway..... pg 68
Oak-McVey to Palisades Terrace Dr. Pathway..... pg 69
Cornell-Hemlock to Bergis Pathway..... pg 70
Waluga Neighborhood Pathway..... pg 71
Greentree Rd. Community Pathway..... pg 72
Boca Ratan Local Pathway..... pg 73
Canyon Drive Neighborhood Pathway..... pg 74
Fernwood Dr. – Mapleleaf to Greentree Ave. Pathway..... pg 75
Lanewood/Douglas Circle – Twin Fir to Boones Ferry Pathway..... pg 76
Westview-Greentree to South Shore Blvd..... pg 77
Washington Court Pathway..... pg 78
Knaus-Boones Ferry to Country Club Pathway..... pg 79
Twin Fir-Upper to Boones Ferry Pathway..... pg 80
Daniel Way Pathway..... pg 81
Roehr Park Pathway Repair/Upgrade..... pg 82
Fir Ridge Rd. Sidewalk..... pg 83
Fernwood Drive/Treetop Community Pathway..... pg 84
Mercantile Local Pathway..... pg 85
Waluga Park Pathway..... pg 86



State Street Streetscape	pg 87
Childs Road-Canal Acres to Sycamore Pathway	pg 88
Lakeview-Iron Mountain to end of Pathway	pg 89
Meadowlark-Overlook to Atherton Sidewalk	pg 90
Laurel-Hallinan to Cornell Pathway	pg 91
Carman Drive – Kruse Way to I-5.....	pg 92
Glenmorrie Drive/Hwy 43 to Old River Rd.	pg 93
Goodall-Knaus to Country Club Pathway	pg 94
Palisades Crest Neighborhood Pathway	pg 95
Thoma Neighborhood Pathway	pg 96
Tryon Creek Pedestrian Bridge	pg 97
Library to Adult Community Center (ACC) Pathway	pg 98
Timberline-Knaus to Bonniebrae Sidewalk.....	pg 99
Firwood Rd. Neighborhood Pathway.....	pg 100

Bicycle Pathways

Citywide Bicycle/Pedestrian Pathway Repair and Maintenance	pg 101
--	--------

Transit

Lake Oswego to Portland Transit Improvement	pg 103
---	--------

UTILITIES

Water

Water Overview	pg 107
FY 2009/10-2013/14 Project Summary	pg 108
FY 2009/10 Funded Project Summary.....	pg 109

Funded

Annual Water Main Rehabilitation Program.....	pg 110
Summit Reservoir Overflow Line	pg 111
Distribution Pump Station Generator Plug-ins	pg 112
Distribution Reservoir Hatch Alarms	pg 113
WTP Lime System Redundancy.....	pg 114
Water Reservoir Disconnect	pg 115
Touchstone Pump Station Energy Efficiency Upgrade.....	pg 116
Touchstone Reservoir/Pump Station Improvements.....	pg 117
Survey Total Station & Data Collector.....	pg 118

Unfunded

PRV Stations Inspections and Rebuild Maintenance Program	pg 119
South Shore Blvd. Water Reservoir Landscaping Rehab.....	pg 120

Lake Oswego/Tigard Water Supply Extension

LO/Tigard Water Supply Extension Overview	pg 121
FY 2009/10-2013/14 Projects Summary.....	pg 123

Funded

LO/Tigard Water Supply Extension	pg 124
--	--------

Surface Water

Surface Water Management Overview	pg 125
FY 2009/10-2013/14 Projects Summary.....	pg 126
FY 2009/10 Funded Projects Summary	pg 127



Funded

Annual Maintenance for Past Stream Restoration Projects pg 128

Drainage Improvements in Conjunction with Lake Drawdown pg 129

Small Works Drainage Improvements..... pg 130

Catch Basin Retrofit pg 131

Outfall Inventory and Restoration pg 132

Springbrook Creek Restoration-Reach 8 pg 133

Unfunded

Underground Injection Control (UIC) Evaluation, Permitting & Retrofits..... pg 134

Rockinghorse Ln Drainage Improvements pg 135

Ash St. Deep Culvert Replacement pg 136

Springbrook Creek Culvert Evaluation pg 137

Sediment Basin Evaluation and Retrofits..... pg 138

Storm Water Facility Water Quality Retrofits pg 139

D Ave. Storm Drainage Infrastructure Improvements pg 140

B Ave. Storm System Upgrade pg 141

Wastewater

Wastewater Overview pg 143

FY 2009/10-2013/14 Project Summary..... pg 144

FY 2009/10 Funded Project Summary pg 145

Funded

Wastewater Treatment Plan (WWTP) Vactor Waste Facility Modifications pg 146

Annual Wastewater Rehabilitation pg 147

Lily Bay View and Maple Street Lift Pump Station Upgrade..... pg 148

Marylhurst Pump Station Upgrades pg 149

Ridgewood Rd. STEP System Removal..... pg 150

Unfunded

Atwater Lane Collection System Extension..... pg 151

Install 38 Backflow Devices..... pg 152

Vicinity of First and Second Street Alley Way Wastewater Improvements pg 153

Country Club Rd. Wastewater Improvements-Iron Mtn. Blvd to 10th St. pg 154

Hazel Rd. Wastewater Improvements – Vicinity West of Johnson Ter. Pg 155

Sixth St. Wastewater Improvements pg 156

Alley Way Wastewater Improvements-Vicinity of Kenwood, Lakewood, et.al..... pg 157

Fifth St. Wastewater Improvements-Vicinity of Evergreen and Lake Bay pg 158

Lake Forest Creek Wastewater Improvements pg 159

Vicinity of Oak and Conifer Backyard Wastewater Improvements..... pg 160

Lake Shore Blvd. Wastewater Improvements pg 161

Woodside Circle Wastewater Improvements pg 162

North Shore Rd. Wastewater Improvements pg 163

State St. Wastewater Improvements pg 164

LOIS Lake Oswego Interceptor Sewer

LOIS Overview pg 165

FY 2009/10-2013/14 Project Summary..... pg 166

Funded

LOIS Lake Oswego Interceptor Sewer Replacement pg 167



FACILITIES/OTHER

Facilities/Other Overview pg 171

Facilities

FY 2009/10-2013/14 Project Summary pg 172

FY 2009/10 Funded Project Summary pg 173

Funded

WEB Mechanical Upgrade pg 174

Adult Community Center – Fitness Facilities pg 175

Indoor Tennis Court Facility Improvements..... pg 176

Water Treatment Plant Roof Replacement..... pg 177

Unfunded

Repair/Replace Maintenance Services Building pg 178

WEB Elevator Modifications pg 179

Repair/Replace South Shore Fire Station..... pg 180

New Police Station and 911 Dispatch..... pg 181

Adult Community Center Roof Replacement pg 182

Adult Community Center Bathroom Upgrades..... pg 183

Luscher Farmhouse and Barn pg 184

Adult Community Center Woodwork pg 185

Eastside Park Maintenance Workshop pg 186

Worker’s Cottage Rehabilitation pg 187

Adult Community Center –Oak/Acorn Room Flooring pg 188

Other

FY 2009/10-2013/14 Project Summary..... pg 189

FY 2009/10 Funded Project Summary pg 190

Funded

Plug-In Electric Vehicle Conversions (5 vehicles) pg 191

Unfunded

Neighborhood Capital Improvements pg 192

Lake Grove Village Center Improvements pg 193

Lake Grove Village Center Parking Improvements..... pg 194

Public Safety Systems Upgrade: Radio..... pg 195

Iron Heritage Trail pg 196

End





City of Lake Oswego

Capital Improvement Program FY 2009/10 – 2013/14

Introduction

The Capital Improvement Program (CIP) is intended to be a 5 year forecast which identifies major projects requiring the expenditure of public funds over and above routine annual operating expenses. The City identifies capital improvement needs and allocates available funds for the installation or improvement of projects for each relevant program area public infrastructure. The five program areas included within the CIP are:

1. Parks and Open Space
2. Transportation
 - a) Roadways
 - b) Intersections
 - c) Pathways
 - d) Bicycle Pathways
 - e) Transit
3. Utilities
 - a) Water
 - b) LO/Tigard
 - c) Surfacewater
 - d) Wastewater
 - e) Lake Oswego Interceptor Sewer (LOIS)
4. Facilities
5. Other

City of Lake Oswego's CIP funding sources/revenues include utility rates, state gas tax, grants, system development charges (SDCs), developer fees and federal American Recovery and Reinvestment Act (ARRA) funds. 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 identified and can have constraints as to what projects they can and cannot be used on. Projects are prioritized based on the criteria in a following 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 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. Other – provides for the planning, design, construction, and/or purchase of other public capital investments including vehicles, communication and computer systems, neighborhood plan capital improvements and equipment (i.e. survey, mobile data, etc.).

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 – Process

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, to help guarantee infrastructure systems meet service level expectations. This work is outsourced to specialized consultants who work directly with the individual Program Areas.
2. City Council Adoption of Master Plans - City Council adopts master plans for each program area, which provides the roadmap for future capital investments.
3. CIP – Program areas then use the appropriate master plans as a blue print to develop CIP projects accordingly. Each program area then develops projects to be included within the CIP.
4. Planning Commission Approval – Planning Commission reviews and recommends approval of the CIP to the City Council.
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 were evaluated and prioritized through two sets of “lenses”, the first a “sustainability” based perspective and the second an “owner/operator” based perspective. Sustainability is directly related to preserving the quality of life and services for current and future community members. One way of interpreting sustainability is via the analogy of the “three-legged stool”. Each leg of the stool (economy – society – environment) works in concert to support the CIP objective, that being sustainable, lowest life-cycle cost services to the community. The owner/operator viewpoint considers how potential projects may improve service delivery (i.e. lower operational/maintenance costs) including how projects can be coordinated with other projects to minimize impacts to stakeholders. This “asset-centric” perspective (primarily economic) has served as the traditional approach to evaluating projects. By expanding context of how capital investments are evaluated, including the social and environmental interests, the hope is for Obetter decision making. Better decisions will support the fundamental object, that being achieving sustainable, lowest life-cycle costs for services provided. The following examples are illustrative of the criteria used for these evaluations:



CIP Evaluation Criteria: Sustainability Lens

Economy:

Local Economic Development

- E1. Supports locally-owned businesses
- E2. Employs local residents
- E3. Uses materials produced in Oregon-Washington
- E4. Uses materials produced in North America

Economic Efficiency

- E5. Increases efficiency in an essential system
- E6. Increases connectivity in an essential system
- E7. Improves reliability of essential systems
- E8. Will not increase long-term maintenance and operating costs
- E9. Reduces long-term maintenance and operating costs
- E10. Creates a flexible platform for future system development and is not wedded to one technology or approach

Society:

Social Obligations

- S1. Assists in compliance with regional, state, federal laws and/or agreements
- S2. Is part of an adopted plan

Equity

- S3. Supports housing choice / stability
- S4. Benefits traditionally under served populations (e.g. elderly, disabilities)

Quality of life

- S5. Minimizes visual and noise impacts
- S6. Appearance consistent with community values
- S7. Improves employee or resident health / safety
- S8. Provides alternatives to driving alone
- S9. Strengthens social capital
- S10. Increases community awareness of sustainability

Environment:

Ecosystem Functions

- N1. Does not increase area of developed land
- N2. Promotes efficient use of developed land
- N3. Reduces impervious surfaces
- N4. Restores natural systems

Project Materials and Construction Methods

- N5. Low / zero use of mined materials (petroleum and metals)
- N6. Low / zero use of persistent environmental toxins
- N7. Low / zero waste produced



Conservation and Demand Management

N8. Reduces City / resident water consumption

N8. Reduces City / resident fossil fuel consumption

N10. Reduces peak demand on essential systems (e.g. water system)

CIP Evaluation Criteria: Owner/Operator Lens

1. Mandated projects
2. Projects necessary for health and safety
3. Projects already in process
4. Projects related to other funded projects
5. Projects necessary for maintenance
6. Projects identified in master plans
7. Citizen and neighborhood interest projects
8. Financially cost effective projects
9. Special interest projects; (e.g., projects that meet new development needs or special projects)

As the CIP process is further refined, it is anticipated that the project evaluation procedure will be modified, including “weighting” of the criteria to provide more meaningful results. This information is crucial in assisting staff and subsequently our policy makers in making the best decisions regarding project prioritization, resulting in lowest life-cycle costs for services.

Project Types

Projects generally fall within the four primary categories identified below:

- System Repairs and Replacements – Projects needed to maintain existing infrastructure; typically needed to ensure service reliability
- System Improvements – Projects designed to increase the functionality, efficiency, and/or capability of the infrastructure
- Capacity Increasing Projects to Meet Growth – Projects needed in order to provide services to new customers
- 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. Numerical Order - All projects are listed in ascending numerical order within each program area.



Program Area Project Cost 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
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. Dev/SDC Credit - To be paid or constructed by a private party and then get reimbursed using SDC Credits.
8. Debt-SDC – Loans to be repaid by SDC Funds. Used when the project is SDC eligible but SDC funds are not currently on hand.
9. Repair/Replacement Reserves – Funds set aside for the repair and/or replacement of infrastructure.
10. Economic Stimulus (American Recovery and Reinvestment Act) – Funds received from federal ARRA or state economic stimulus programs.



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. This percentage is based on the federally approved indirect rate.
6. Construct/Reimburse – If project is funded entirely by “Developer/SDC Credits.

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 2009/10 CIP outlines expenditures of approximately \$ 47 million in funded investments within the City of Lake Oswego. The CIP also identifies future needs totaling \$216 million for FY 2010/11 to FY 2013/14. 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.

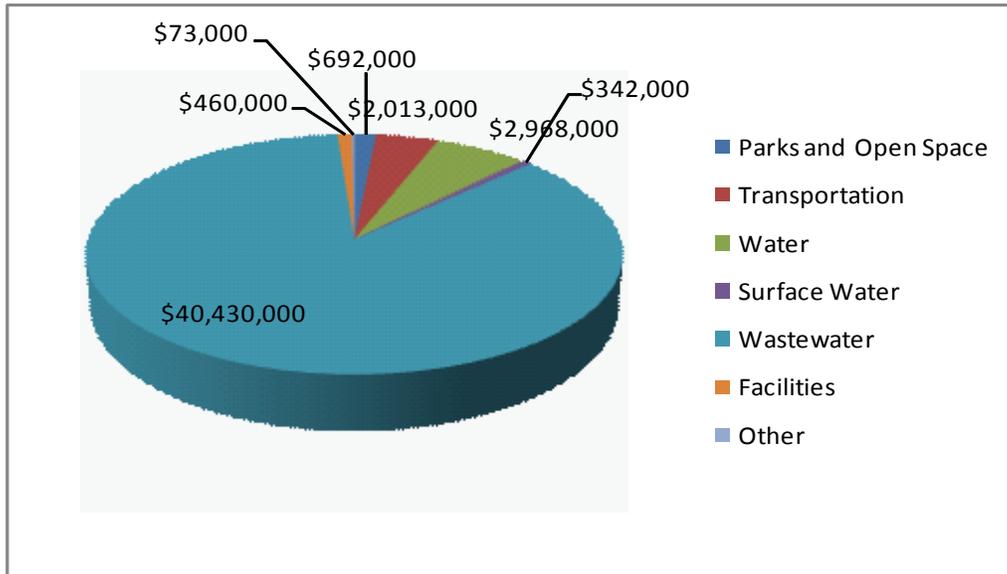
All Program Area Expenditure Summary – FY 2009-10 and beyond

<u>Program Area</u>	<u>FY 2009-10</u>	<u>FY 2009-10 to 2013-14</u>
Parks and Open Space	692,000	5,305,000
Transportation	2,013,000	50,126,000
Water	2,968,000	68,643,000
Surface Water	342,000	4,854,000
Wastewater	40,430,000	107,566,000
Facilities	460,000	14,958,000
Other	73,000	11,793,000
Totals	\$46,978,000	\$263,245,000

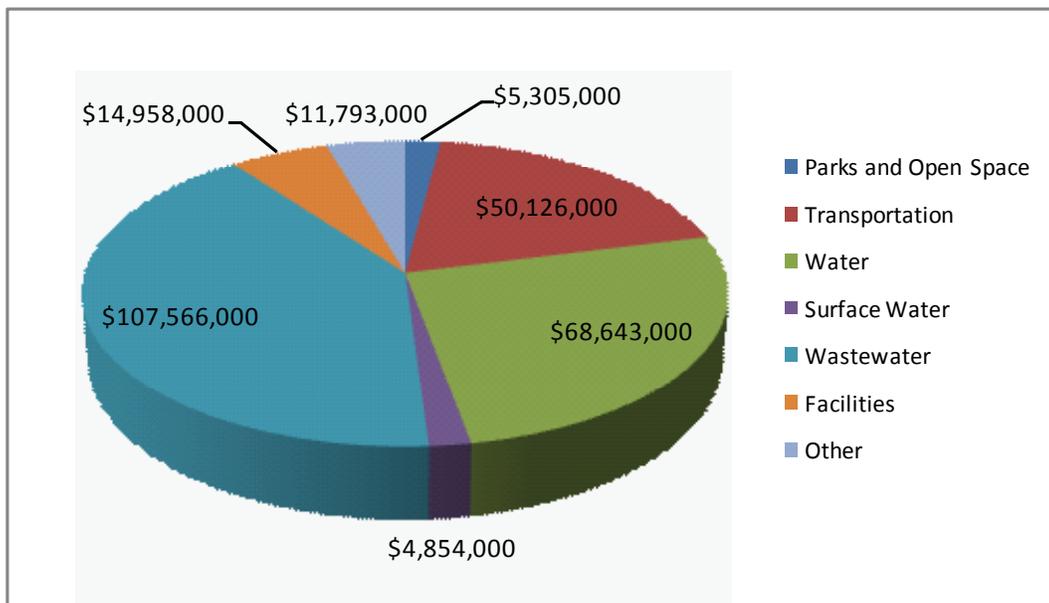


All Programs Area Expenditure Graphs

FY 2009-10:



FY 2009-10 to 2013-14:





City of Lake Oswego Capital Improvement Plan FY 2009/10 - 2013/14 Project Summary

	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Parks and Open Space Projects							
Bill Gerber Memorial Garden	General	20,000					20,000
Indoor Tennis Center Court Resurfacing	Tennis	25,000					25,000
W Waluga Picnic Shelter Roof Repair & Playground Replacement	General	50,000					50,000
Historic Furnace Interpretative Area	Tourism	125,000					125,000
Westlake Pk Playground & Playground Shelter	General	130,000					130,000
Foothills Boat Dock	Other	272,000					272,000
Rosemont Trail - Phase 2	Grant	70,000	450,000				520,000
Hwy 43 Entry Improvements			25,000				25,000
George Rogers Park-Ladd St, Phases 5 & 6 of Master Plan			2,894,000				2,894,000
East Waluga Park Playground			70,000				70,000
Westridge Park Sidewalk			40,000				40,000
George Rogers Park Bathroom & Storage Replacement				50,000	478,000		528,000
George Rogers Park Tennis Court Repair				50,000			50,000
Greentree Park Playground Replacement				45,000			45,000
Westlake Baseball Field Replacement				49,000			49,000
Westridge Playground Replacement					65,000		65,000
Westlake Park Storage Building Repairs					25,000		25,000
Freepons Park Playground Replacement					55,000		55,000
E Waluga Park Picnic Shelter 7 - Snack Shack					46,000		46,000
Pilkington Park Restrooms						171,000	171,000
Canal Acres/Bryant Woods Natural Area						100,000	100,000
Total		692,000	3,479,000	194,000	669,000	271,000	5,305,000

	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Roadway Projects							
Annual Pavement Preservation Program	St. Maint.	707,000	1,240,000	1,240,000	1,240,000	1,240,000	5,667,000
Royce Way Repaving	Other	400,000					400,000
McNary Parkway Repaving	Other	400,000					400,000
Blue Heron Road Roadway Improvements	Unfunded	203,000	1,297,000				1,500,000
Kerr Parkway Repaving	Unfunded	86,000	1,447,000				1,533,000
Boones Ferry Road Rehabilitation			205,000	1,615,000			1,820,000
Lakeview Blvd Roadway Improvements			205,000	1,916,000			2,121,000
Stampher Road LID			60,000	300,000			360,000
Westlake Drive Repaving			46,000	461,000			507,000
Boones Ferry Road Improvements				500,000	15,500,000		16,000,000
LG Village Ctr-Hallmark Festival St					2,000,000		2,000,000
Total		1,796,000	4,500,000	6,032,000	18,740,000	1,240,000	32,308,000



	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Intersection Projects							
Citywide Signal Improvement and Upgrade	Street	45,000	205,000				250,000
Electronic Speed Awareness Signs	Street		12,000	12,000	12,000	12,000	48,000
Total		45,000	217,000	12,000	12,000	12,000	298,000

	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pathway Projects							
ADA Sidewalk Ramp Retrofit Program	Street	100,000	100,000	100,000	100,000	100,000	500,000
Chow Corner Regional Sidewalk	Other	100,000					100,000
Pilkington/McEwan Pathway	Other	80,000	420,000				500,000
Cook's Butte Trail Construction	Unfunded	10,000	50,000				60,000
Kelok Neighborhood Pathway	Unfunded	75,000					75,000
Small Infill Pathways and Sidewalks	Unfunded	80,000					80,000
Cherry Lane Neighborhood Pathway	Unfunded	100,000					100,000
E Avenue Neighborhood Pathway			175,000				175,000
Oak McVey to Palisades Dr.			130,000				130,000
Cornell-Hemlock to Bergis			65,000	250,000			315,000
Waluga Neighborhood Pathway			25,000	125,000			150,000
Greentree Road Community Pathway			65,000	150,000			215,000
Boca Ratan Local Pathway			80,000				80,000
Canyon Drive Neighborhood Pathway			25,000	100,000			125,000
Fernwood Drive-Mapleleaf to Greentree			50,000	200,000			250,000
Lanewood/Douglas Cir-Twin Fir to BF Rd			59,000	100,000			159,000
Westview - Greentree to South Shore			100,000		100,000	550,000	750,000
Washington Court Pathway				25,000	28,000		53,000
Knaus-Boones Ferry to Country Club				30,000	500,000		530,000
Twin Fir - Upper to Boones Ferry				200,000	620,000		820,000
Daniel Way Pathway					80,000		80,000
Roehr Park Pathway					25,000	342,000	367,000
Fir Ridge Sidewalk					70,000		70,000
Fernwood Dr/Treetop Community Pathway					35,000	230,000	265,000
Firwood Road Neighborhood Pathway					42,000	150,000	192,000
Mercantile Local Pathway					40,000		40,000
Waluga Park Pathway					25,000	75,000	100,000
State Street Streetscape					30,000	500,000	530,000
Childs Road-Canal to Sycamore					50,000	200,000	250,000
Lakeview-Iron Mt. to end of Pathway					100,000	800,000	900,000
Meadowlark - Overlook to Atherton					113,000		113,000
Laurel - Hallinan to Cornell					50,000	1,350,000	1,400,000
Carman Dr. - Kruse Way to I-5 Pathway					75,000	415,000	490,000
Glenmorrie Dr. Hwy 43 to Old River Road					300,000		300,000
Goodall-Knaus to Country Club					70,000	200,000	270,000
Palisades Crest Neighborhood Pathway						175,000	175,000
Thoma Neighborhood Pathway						70,000	70,000
Tryon Creek Pedestrian Bridge						300,000	300,000
Library to ACC Pathway						60,000	60,000
Timberline-Knaus to Bonniebrae						200,000	200,000
Total		545,000	1,344,000	1,280,000	2,453,000	5,717,000	11,339,000



Sediment Basin Evaluation and Retrofits				190,000			190,000
Stormwater Facility Water Quality Retrofits				57,000	105,000	105,000	267,000
D Ave Storm Drainage Infrastructure Imp					626,000		626,000
B Avenue Storm System Upgrade						1,212,000	1,212,000
Total		684,000	628,000	810,000	1,073,000	1,659,000	4,854,000

Wastewater Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
WWTP Vactor Waste Facility Modifications	Wastewater	40,000	300,000				340,000
Wastewater Annual Rehabilitation	Wastewater	860,000	1,000,000	1,000,000	1,000,000	1,000,000	4,860,000
Lily Bay View & Maple St Pump Sta. Upgrades	Wastewater	450,000					450,000
Marylhurst Pump Station Upgrades	Wastewater	400,000					400,000
Ridgewood Drive STEP System Removal	Wastewater	250,000					250,000
Survey Total Station	Wastewater	5,000					5,000
Atwater Lane Collection System Extension	Unfunded	155,000					155,000
Install 38 Backflow Devices			95,000				95,000
Alley Way WW Imp. - 1st & 2nd			314,000				314,000
Country Club Rd WW Imp.-Iron Mtn.-10th			550,000				550,000
Hazel Rd WW Imp -W. of Johnson Terr.			10,000				10,000
Sixth St WW Imp- Evergreen & Ellis					180,000		180,000
Alley Wy WW Imp-Kenwood, Lakewood, et. al.					210,000		210,000
5th Street WW Imp.- Evergreen & Lake Bay					320,000		320,000
Lake Forest Cir. WW Imp.-Lake Forest Dr.					500,000		500,000
Backyard WW Imp. - Oak & Conifer						210,000	210,000
Lake Shore WW Imp-1045 Lake Shore Rd.						52,000	52,000
Woodside Circle WW Improvements						130,000	130,000
North Shore WW Imp. -1500 N Shore Rd						50,000	50,000
State Street WW Imp. - North of McVey						60,000	60,000
Total		2,160,000	2,269,000	1,000,000	2,210,000	1,502,000	9,141,000

(LOIS) Project		2009-10	2010-11	2011-12	2012-13	2013-14	Total
LO Interceptor Sewer Replacement	Bonds	38,425,000	40,000,000	18,000,000	2,000,000		98,425,000
Total		38,425,000	40,000,000	18,000,000	2,000,000		98,425,000

Total Wastewater Projects 40,585,000 42,269,000 19,000,000 4,210,000 1,502,000 107,566,000

Facilities Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
WEB Mechanical Upgrade	Energy Trust /General	269,000					269,000
ACC-Fitness Facilities	Grant	56,000					56,000
Tennis Center - Facility Repairs	Tennis	35,000					35,000
WTP Roof Replacement	Water	100,000					100,000
Repair/Replace Maintenance Serv. Bldg.	Unfunded	700,000					700,000
ACC - Roof			50,000				50,000
ACC - Bathroom Upgrades			53,000				53,000



WEB Elevator Modifications		80,000		80,000
Repair/Replace South Shore Fire Station		260,000	2,600,000	2,860,000
New Police Station and 911 Dispatch		940,000	9,400,000	10,340,000
Luscher Farmhouse and Barn		30,000		30,000
ACC - Woodwork			75,000	75,000
Eastside Park Maintenance Workshop			65,000	65,000
Worker's Cottage Rehabilitation			200,000	200,000
ACC - Oak/Acorn Room Flooring			45,000	45,000
Total		1,160,000	1,413,000	12,340,000
			45,000	14,958,000

Other Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Plug-In Electric Vehicle Conversions	Grant	73,000					73,000
Neighborhood Capital Improvements	Unfunded	100,000					100,000
LG Village Center Improvements			2,000,000	2,000,000	2,000,000	2,000,000	8,000,000
LG Village Center Parking Improvements						1,000,000	1,000,000
Public Safety Systems Upgrade - Radio				300,000	320,000	1,500,000	2,120,000
Iron Heritage Trail				500,000			500,000
Total		173,000	2,000,000	2,800,000	2,320,000	4,500,000	11,793,000
					Grand Total		263,245,000





Parks & Open Space





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 open space policies and park and recreation policies contained in the Comprehensive Plan and the 1990 Comprehensive Park and Recreation Master Plan. The Master Plan is scheduled for revision this year and will likely result in modifications to the proposed list of projects for future years.

A total of 19 projects are proposed in the CIP, including 6 development projects, and 13 rehabilitation projects. Unlike past years, there is no proposed acquisition of park land or open space within the five-year CIP. The primary focus will be on rehabilitation of park structures and playground equipment in East and West Waluga Park, Westlake Park, George Rogers Park, Greentree Park, Westridge Park, and Freepons Park. The proposed development projects include a grant funded dock in Foothills Park, George Rogers Park/Ladd Street improvements, and the Historic Furnace Interpretive area. All of the projects listed were evaluated and prioritized against sustainability criteria.



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14

Parks & Open Space Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Bill Gerber Memorial Garden	General	20,000					20,000
Indoor Tennis Center Court Resurfacing	Tennis	25,000					25,000
W Waluga Picnic Shelter Roof Repair & Playground Replacement	General	50,000					50,000
Historic Furnace Interpretative Area	Tourism	125,000					125,000
Westlake Pk Playground & Playground Shelter	General	130,000					130,000
Foothills Boat Dock	OR Marine Board	272,000					272,000
Rosemont Trail - Phase 2	Grant	70,000	450,000				520,000
Hwy 43 Entry Improvements			25,000				25,000
George Rogers Park-Ladd St, Phases 5 & 6 of MP			2,894,000				2,894,000
Westridge Park Sidewalk			40,000				40,000
East Waluga Park Playground			70,000				70,000
George Rogers Park Bathroom & Storage Replacement				50,000	478,000		528,000
George Rogers Park Tennis Court Repair				50,000			50,000
Greentree Park Playground Replacement				45,000			45,000
Westlake Baseball Field Replacement				49,000			49,000
Westridge Playground Replacement					65,000		65,000
Westlake Park Storage Building Repairs					25,000		25,000
Freepons Park Playground Replacement					55,000		55,000
E Waluga Park Picnic Shelter 7 - Snack Shack					46,000		46,000
Pilkington Park Restrooms						171,000	171,000
Canal Acres/Bryant Woods Natural Area						100,000	100,000
Total		692,000	3,479,000	194,000	669,000	271,000	5,305,000



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
FY 2009/10 Funded Projects

Funded Parks & Open Space Projects	Tennis Fund	Tourism Fund	State/Fed Other	General Fund	Total
Bill Gerber Memorial Garden				20,000	20,000
Indoor Tennis Center Court Resurfacing	25,000				25,000
W Waluga Picnic Shelter Roof Repair & Playground Replacement				50,000	50,000
Historic Furnace Interpretive Area		125,000			125,000
Westlake Pk Playground & Playground Shelter				130,000	130,000
Foothills Boat Dock			272,000		272,000
Rosemont Trail - Phase 2 Design			70,000		\$70,000
Total	25,000	125,000	342,000	200,000	692,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

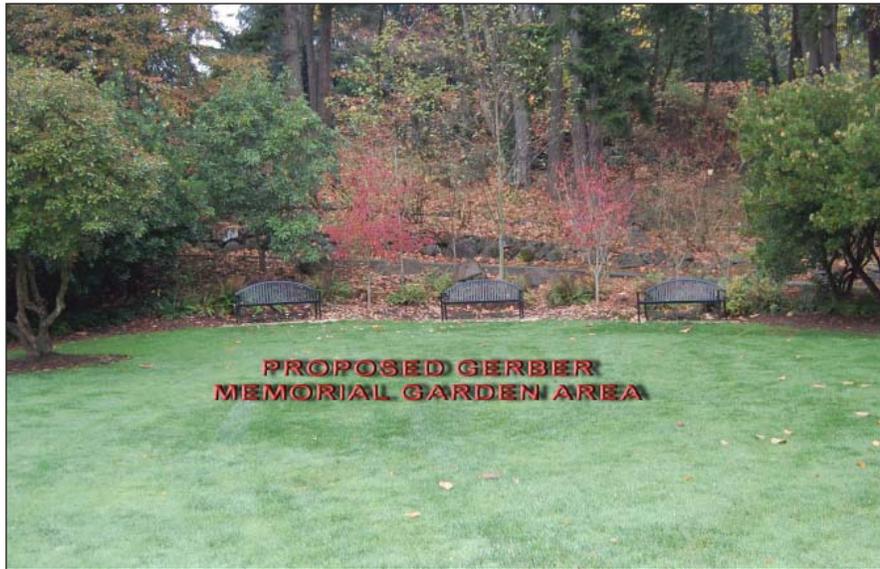
Project Name: Bill Gerber Memorial Garden

Project Description: This project includes landscape improvements and installation of a bronze plaque acknowledging the many contributions of Bill Gerber to the City of Lake Oswego. Project site in lower George Rogers Park adjacent to the Historic Iron Furnace.

Funded/Unfunded: Funded

Estimated Date of Completion: Summer 2009

Justification: Former Council Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
General Fund	Operating	20					20
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$20	\$-	\$-	\$-	\$-	\$20
Expenses	Design						-
	Proj. Admin	2					2
	Construction	18					18
Expenses Total		\$20	\$-	\$-	\$-	\$-	\$20



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Indoor Tennis Center Court Resurfacing
Project Description: This project calls for resurfacing four indoor courts.
Funded/Unfunded: Funded
Estimated Date of Completion: Summer 2009
Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Tennis Fund	Operating	25					25
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$25	\$-	\$-	\$-	\$-	\$25
Expenses	Design						-
	Proj. Admin	2					2
	Construction	23					23
Expenses Total		\$25	\$-	\$-	\$-	\$-	\$25



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: West Waluga Picnic Shelter Roof Repair and Playground Replacement

Project Description: The goal of this project is to replace the children's playground and reroof the picnic shelter in West Waluga Park. The picnic shelter roof has deteriorated beyond the ability of Parks Maintenance staff to make repairs. The playground equipment in the park is also deteriorating. Staff have removed approximately 1/2 of the play equipment over several years for safety reasons and the remaining equipment is delaminating. Annual repairs have been made for the past 6 years, but is now beyond the ability of staff to insure a safe play environment. In addition, the playground is not ADA accessible.

Funded/Unfunded: Funded

Estimated Date of Completion: Spring 2010

Justification: Safety, ADA Accessibility Upgrade



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
General Fund	Operating	50					50
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$50	\$-	\$-	\$-	\$-	\$50
Expenses	Design						-
	Proj. Admin	5					5
	Construction	45					45
Expenses Total		\$50	\$-	\$-	\$-	\$-	\$50



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

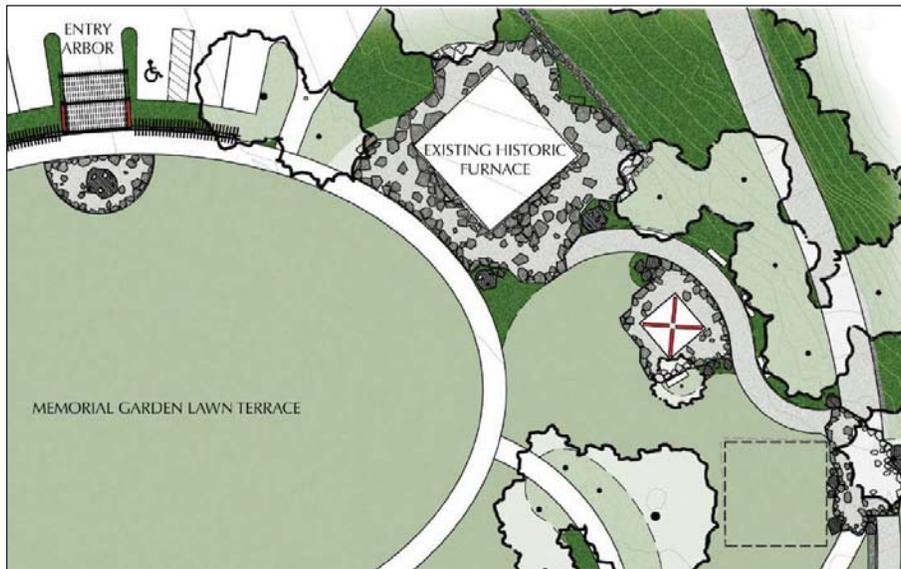
Project Name: Historic Iron Furnace Interpretive Area

Project Description: This project includes installation of an interpretive kiosk and soft surface walkways adjacent to the Historic Iron Furnace in George Rogers Park.

Funded/Unfunded: Funded

Estimated Date of Completion: Summer 2009

Justification: Implementation of Council Approved Historic Design Task Force Recommendations



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Tourism Fund	Operating	125					125
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$125	\$-	\$-	\$-	\$-	\$125
Expenses	Design						-
	Proj. Admin	12					12
	Construction	113					113
Expenses Total		\$125	\$-	\$-	\$-	\$-	\$125



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Westlake Park Playground and Playground Shelter

Project Description: This project addresses the need to replace the children’s playground and associated cover/shelter over the playground. The shelter covers and protects the playground from foul balls. The cover is damaged beyond repair and cannot be replaced. The playground equipment is also old and falling into disrepair. It is not ADA accessible, and the equipment no longer meets playground safety standards.

Funded/Unfunded: Funded

Estimated Date of Completion: Winter 2009

Justification: Safety, ADA Accessibility Upgrade



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
General Fund	Operating	130					130
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$130	\$-	\$-	\$-	\$-	\$130
Expenses	Design						-
	Proj. Admin	10					10
	Construction	120					120
Expenses Total		\$130	\$-	\$-	\$-	\$-	\$130



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

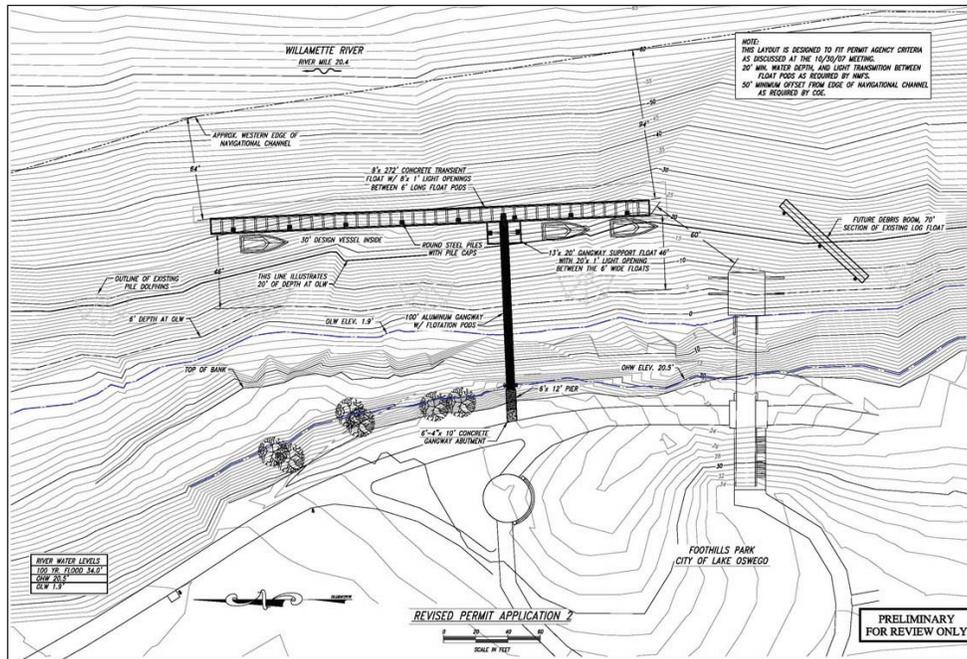
Project Name: Foothills Boat Dock

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

Funded/Unfunded: Funded

Estimated Date of Completion: Summer 2009

Justification: 2008 Unfinished Council Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						
	SDC's						
	Bonds						
OR Marine Board	Grants	272					272
Resources Total		\$272	\$-	\$-	\$-	\$-	\$272
Expenses	Design						
	Proj. Admin	25					25
	Construction	247					247
Expenses Total		\$272	\$-	\$-	\$-	\$-	\$272



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Rosemont Trail - Phase 2

Project Description: This project includes 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 Field to Firlane Farm was completed in 2006. Funding for the second phase of the project will complete Lake Oswego's remaining section to the trail from Firlane Farm to the Rosemont arena. West Linn is completing its section of the trail in 2010.

Funded/Unfunded: Partially Funded

Estimated Date of Completion: 2011

Justification: Completion of a Previous Project



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating		100				100
	SDC's						-
	Bonds						-
	Grants	70	350				420
Resources Total		\$70	\$450	\$-	\$-	\$-	\$520
Expenses	Design	63					63
	Proj. Admin	7	50				57
	Construction		400				400
							-
Expenses Total		\$70	\$450	\$-	\$-	\$-	\$520



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Hwy. 43 Entry Improvements

Project Description: This project would include the installation of a City entrance monument sign and landscaping improvements on Hwy. 43 at Lake Oswego / West Linn city limits.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Provide City Entry Signage Consistent with Other Entry Points



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating		25				25
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$25	\$-	\$-	\$-	\$25
Expenses	Design		3				3
	Proj. Admin		2				2
	Construction		20				20
							-
Expenses Total		\$-	\$25	\$-	\$-	\$-	\$25



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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

Project Description: George Rogers Park is the oldest community park in Lake Oswego. A new master plan was completed in 2003 to address ADA accessibility issues, improve roadway access and storm water management, upgrade site amenities, and provide visual and physical access to the Willamette River. This next phase of development improves vehicular access and includes street and storm water improvements on Ladd St., including bioswale treatment of storm water runoff. These improvements resolve on-going drainage problems and include ADA accessibility to the athletic fields, tennis courts, children's play area, and picnic shelters. In addition, upgrades to amenities include bleacher replacement, new children's playground, picnic shelter replacement, pedestrian entry to the park at Ladd and State St. and dark sky ball field lighting.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Stainability, Completion of Next Phase of Park, ADA Accessibility



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating		2,894				2,894
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$2,894	\$-	\$-	\$-	\$2,894
Expenses	Design						-
	Proj. Admin		355				355
	Construction		2,539				2,539
Expenses Total		\$-	\$2,894	\$-	\$-	\$-	\$2,894



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: East Waluga Park Playground

Project Description: This project involves replacement of playground equipment that no longer meets current safety standards, nor is it ADA accessible.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2011

Justification: Safety, ADA Accessibility



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating		70				70
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$70	\$-	\$-	\$-	\$70
Expenses	Design						-
	Proj. Admin		5				5
	Construction		65				65
Expenses Total		\$-	\$70	\$-	\$-	\$-	\$70



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Westridge Park Sidewalk

Project Description: This project will replace the existing sidewalk in Westridge Park with a new asphalt surface. The existing surface is cracked and raised, resulting in tripping hazards and an unsafe walking surface.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Public Safety



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		5				5
	Construction		35				35
Expenses Total		\$-	\$40	\$-	\$-	\$-	\$40



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: George Rogers Park Bathroom & Storage Replacement

Project Description: This project involves 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design			45			45
	Proj. Admin			5	59		64
	Construction				419		419
Expenses Total		\$-	\$-	\$50	\$478	\$-	\$528



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: George Rogers Park Tennis Court Repair

Project Description: The goal of this project is to repair cracks in the tennis courts and re-surface the courts. Large cracks across the entire surface of two tennis courts in the park create significant tripping hazards to players. The repairs need to be fixed to eliminate future cracking, and then the courts must be resurfaced.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2012

Justification: Safety



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin			5			5
	Construction			45			45
Expenses Total		\$-	\$-	\$50	\$-	\$-	\$50



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Greentree Park Playground Replacement

Project Description: This project involves replacement of playground equipment in Greentree Park, which is necessary because equipment no longer meets current safety standards, nor is it ADA accessible.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2011

Justification: Safety, ADA Accessibility



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin			5			5
	Construction			40			40
Expenses Total		\$-	\$-	\$45	\$-	\$-	\$45



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Westlake Baseball Field Replacement

Project Description: The infields of baseball fields must be periodically repaired to maintain safety and playability. This project encompasses repairs to the baseball infields in Westlake Park (three fields) including repairs to turf/skinned interfaces (reduces tripping hazards), rebuilding pitcher mounds, leveling skinned infields, and infield turf replacement where necessary.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2012

Justification: Safety, ADA Accessibility



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin			5			5
	Construction			44			44
Expenses Total		\$-	\$-	\$49	\$-	\$-	\$49



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Westridge Playground Replacement

Project Description: This project requires replacement of playground equipment in Westridge Park, which no longer meets current safety standards, nor is ADA accessible.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2013

Justification: Safety, ADA Accessibility



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				5		5
	Construction				60		60
Expenses Total		\$-	\$-	\$-	\$65	\$-	\$65



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Westlake Park Storage Building Repairs

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

Funded/Unfunded: Unfunded

Estimated Date of Completion: Spring 2013

Justification: Periodic Repairs to Asset



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				3		3
	Construction				22		22
							-
Expenses Total		\$-	\$-	\$-	\$25	\$-	\$25



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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, nor is ADA accessible.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2012

Justification: Safety, ADA Accessibility



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						
	Proj. Admin				5		5
	Construction				50		50
Expenses Total		\$-	\$-	\$-	\$55	\$-	\$55



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: East Waluga Park Picnic Shelter and Snack Shack

Project Description: This project replaces the existing picnic shelter in East Waluga Park with a new facility; and makes drainage upgrades to the snack shack. The existing picnic shelter has been repeatedly repaired and is now beyond its useful life. The snack shack is used by community organizations for concession sales during ball games. The drainage system needs upgrading to accommodate increase concession use.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2013

Justification: Safety; Replacement of Non-Functional Asset



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design				5		5
	Proj. Admin				6		6
	Construction				35		35
Expenses Total		\$-	\$-	\$-	\$46	\$-	\$46



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Pilkington Park Restrooms

Project Description: This project includes the design and construction of bathrooms for Pilkington Park. The park currently does not contain bathrooms, which are needed to accommodate park users and heavy sport league use.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2014

Justification: Public Health and Safety



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design					25	25
	Proj. Admin					21	21
	Construction					125	125
Expenses Total		\$-	\$-	\$-	\$-	\$171	\$171



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Canal Acres / Bryant Woods Natural Area

Project Description: The Canal Acres / Bryant Woods Master Plan envisions 70 acres of habitat restoration, parking lot, trailheads and trails, wildlife observation stations, and access to the Tualatin River. This project develops designs for these elements for restoration.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Winter 2014

Justification: Stainability (Habitat and Water Quality Improvements)



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design					90	90
	Proj. Admin					10	10
	Construction						-
Expenses Total		\$-	\$-	\$-	\$-	\$100	\$100



Transportation





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.



City of Lake Oswego Capital Improvement Plan FY 2009/10 - 2013/14 Transportation Project Summary

	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Roadway Projects							
Annual Pavement Preservation Program	St. Maint.	707,000	1,240,000	1,240,000	1,240,000	1,240,000	5,667,000
Royce Way Repaving	Other	400,000					400,000
McNary Parkway Repaving	Other	400,000					400,000
Blue Heron Road Roadway Improvements	Unfunded	203,000	1,297,000				1,500,000
Kerr Parkway Repaving	Unfunded	86,000	1,447,000				1,533,000
Boones Ferry Road Rehabilitation			205,000	1,615,000			1,820,000
Lakeview Blvd Roadway Improvements			205,000	1,916,000			2,121,000
Stampher Road LID			60,000	300,000			360,000
Westlake Drive Repaving			46,000	461,000			507,000
Boones Ferry Road Improvements				500,000	15,500,000		16,000,000
LG Village Ctr-Hallmark Festival St					2,000,000		2,000,000
Total		1,796,000	4,500,000	6,032,000	18,740,000	1,240,000	32,308,000
Intersection Projects							
Citywide Signal Improvement and Upgrade	Street	45,000	205,000				250,000
Electronic Speed Awareness Signs	Street		12,000	12,000	12,000	12,000	48,000
Total		45,000	217,000	12,000	12,000	12,000	298,000
Pathway Projects							
ADA Sidewalk Ramp Retrofit Program	Street	100,000	100,000	100,000	100,000	100,000	500,000
Chow Corner Regional Sidewalk	Other	100,000					100,000
Pilkington/McEwan Pathway	Other	80,000	420,000				500,000
Cook's Butte Trail Construction	Unfunded	10,000	50,000				60,000
Kelok Neighborhood Pathway	Unfunded	75,000					75,000
Small Infill Pathways and Sidewalks	Unfunded	80,000					80,000
Cherry Lane Neighborhood Pathway	Unfunded	100,000					100,000
E Avenue Neighborhood Pathway			175,000				175,000
Oak McVey to Palisades Dr.			130,000				130,000
Cornell-Hemlock to Bergis			65,000	250,000			315,000
Waluga Neighborhood Pathway			25,000	125,000			150,000
Greentree Road Community Pathway			65,000	150,000			215,000
Boca Ratan Local Pathway			80,000				80,000
Canyon Drive Neighborhood Pathway			25,000	100,000			125,000
Fernwood Drive-Mapleleaf to Greentree			50,000	200,000			250,000
Lanewood/Douglas Cir-Twin Fir to BF Rd			59,000	100,000			159,000
Westview - Greentree to South Shore			100,000		100,000	550,000	750,000
Washington Court Pathway				25,000	28,000		53,000
Knaus-Boones Ferry to Country Club				30,000	500,000		530,000
Twin Fir - Upper to Boones Ferry				200,000	620,000		820,000
Daniel Way Pathway					80,000		80,000
Roehr Park Pathway					25,000	342,000	367,000
Fir Ridge Sidewalk					70,000		70,000



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
Transportation Project Summary

Fernwood Dr/Treetop Community Pathway	35,000	230,000	265,000
Firwood Road Neighborhood Pathway	42,000	150,000	192,000
Mercantile Local Pathway	40,000		40,000
Waluga Park Pathway	25,000	75,000	100,000
State Street Streetscape	30,000	500,000	530,000
Childs Road-Canal to Sycamore	50,000	200,000	250,000
Lakeview-Iron Mt. to end of Pathway	100,000	800,000	900,000
Meadowlark - Overlook to Atherton	113,000		113,000
Laurel - Hallinan to Cornell	50,000	1,350,000	1,400,000
Carman Dr. - Kruse Way to I-5 Pathway	75,000	415,000	490,000
Glenmorrie Dr. Hwy 43 to Old River Road	300,000		300,000
Goodall-Knaus to Country Club	70,000	200,000	270,000
Palisades Crest Neighborhood Pathway		175,000	175,000
Thoma Neighborhood Pathway		70,000	70,000
Tryon Creek Pedestrian Bridge		300,000	300,000
Library to ACC Pathway		60,000	60,000
Timberline-Knaus to Bonniebrae		200,000	200,000
Total	545,000	1,344,000	1,280,000
		2,453,000	5,717,000
			11,339,000

Bicycle Pedestrian Pathway Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Citywide Bicycle/Pedestrian Pathway Repair & Maintenance	Street/ Bicycle	88,000					88,000
Total		88,000					88,000

Transit Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
LO to Portland Transit Improvement	General	93,000			6,000,000		6,093,000
Total		93,000			6,000,000		6,093,000

Total Transportation **2,567,000** **6,061,000** **7,324,000** **27,205,000** **6,969,000** **50,126,000**



**City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
Transportation FY 2009/10 Funded Projects**

Funded Transportation Projects	General Fund	Street/Bicycle Fund	Assessment & Project Fund	State/Fed, Other	Total
Roadway Projects					
Annual Pavement Preservation Program		707,000			707,000
Royce Way Repaving				400,000	400,000
McNary Parkway Repaving				400,000	400,000
Intersection Projects					
Citywide Signal Improvement and Upgrade		45,000			45,000
Pathway Projects					
ADA Sidewalk Ramp Retrofit Program			100,000		100,000
Chow Corner Regional Sidewalk				100,000	100,000
Pilkington/McEwan Pathway				80,000	80,000
Bicycle Pathways Projects					
Citywide Bicycle/Pedestrian Pathway Repair and Maintenance		88,000			88,000
Transit Projects					
LO to Portland Transit Improvement	93,000				93,000
Total Transportation Projects	93,000	840,000	100,000	980,000	2,013,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

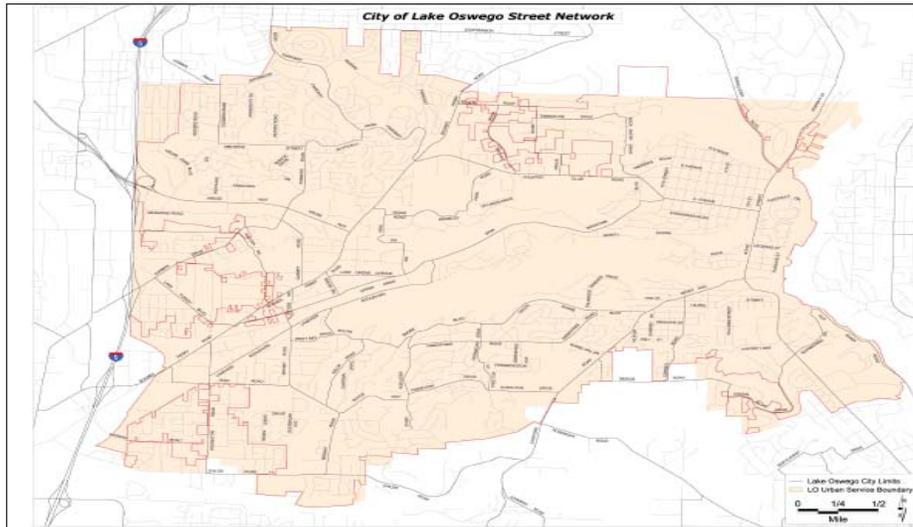
Project Name: Annual Pavement Preservation Program

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

Unfunded: Funded

Estimated Date of Completion: Annual

Justification: Preventative Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Maint Fee	Operating	707	1,240	1,240	1,240	1,240	5,667
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$707	\$1,240	\$1,240	\$1,240	\$1,240	\$5,667
Expenses	Design	53	120	120	120	120	533
	Proj. Admin	45	80	80	80	80	365
	Construction	609	1,040	1,040	1,040	1,040	4,769
Expenses Total		\$707	\$1,240	\$1,240	\$1,240	\$1,240	\$5,667



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Royce Way Repaving

Project Description: This project would repave/overlay Royce Way from Bryant Rd. to Westview Dr.

Funded/Unfunded: Funded

Estimated Date of Completion: Summer 2009

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants	400					400
Resources Total		\$400	\$-	\$-	\$-	\$-	\$400
Expenses	Design	40					40
	Proj. Admin	25					25
	Construction	335					335
Expenses Total		\$400	\$-	\$-	\$-	\$-	\$400



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: McNary Pkwy. Repaving

Project Description: This project would reconstruct the roadway from Hidalgo to Jefferson Pkwy. and from Churchill Downs (south intersection) to Kerr Pkwy. (south intersection).

Funded/Unfunded: Funded

Estimated Date of Completion: Summer 2009

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants	400					400
Resources Total		\$400	\$-	\$-	\$-	\$-	\$400
Expenses	Design	40					40
	Proj. Admin	25					25
	Construction	335					335
Expenses Total		\$400	\$-	\$-	\$-	\$-	\$400



City of Lake Oswego Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Blue Heron Rd. Roadway Improvements

Project Description: This project would reconstruct the roadway and improve the storm water drainage along the entire length of the roadway.

Unfunded: Unfunded

Estimated Date of Completion: Fall 2011

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating	203	1,297				1,500
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$203	\$1,297	\$-	\$-	\$-	\$1,500
Expenses	Design	143					143
	Proj. Admin	60	40				100
	Construction		1,257				1,257
							-
Expenses Total		\$203	\$1,297	\$-	\$-	\$-	\$1,500



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Kerr Pkwy. Repaving

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 2010

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating	86	1,447				1,533
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$86	\$1,447	\$-	\$-	\$-	\$1,533
Expenses	Design	75					75
	Proj. Admin	11	80				91
	Construction		1,367				1,367
							-
Expenses Total		\$86	\$1,447	\$-	\$-	\$-	\$1,533



City of Lake Oswego Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Boones Ferry Rd. Rehabilitation

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

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2012

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating		205	1,615			1,820
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$205	\$1,615	\$-	\$-	\$1,820
Expenses	Design		145				145
	Proj. Admin		60	80			140
	Construction			1,535			1,535
Expenses Total		\$-	\$205	\$1,615	\$-	\$-	\$1,820



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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: Fall 2013

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating			205	1,916		2,121
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$205	\$1,916	\$-	\$2,121
Expenses	Design			145			145
	Proj. Admin			60	80		140
	Construction				1,836		1,836
Expenses Total		\$-	\$-	\$205	\$1,916	\$-	\$2,121



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Stampher Road LID

Project Description: Stampher Road is a non-maintained paved roadway in very poor condition and needs to be rebuilt. The City's formal interest in the street is as the largest property frontage owner (the Jarvis property) and for 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.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Sustainability/resource conservation. Reconstruction will minimize the amount of material/staffing used toward throw-away repairs. This addresses a City responsibility associated with owning the Jarvis property.



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design		54				54
	Proj. Admin		6	30			36
	Construction			270			270
Expenses Total		\$-	\$60	\$300	\$-	\$-	\$360



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Westlake Dr. Repaving

Project Description: This project would repave/overlay the roadway from Kruse Way to Melrose.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2011

Justification: Asset Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating		46	461			507
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$46	\$461	\$-	\$-	\$507
Expenses	Design		40				40
	Proj. Admin		6	50			56
	Construction			411			411
Expenses Total		\$-	\$46	\$461	\$-	\$-	\$507



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Boones Ferry Road 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 2013

Justification: Implements adopted Lake Grove Village Center Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design			450			450
	Proj. Admin			50	1,000		1,050
	Construction				14,500		14,500
Expenses Total		\$-	\$-	\$500	\$15,500	\$-	\$16,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Lake Grove Village Center - Hallmark Festival Street

Project Description: The Lake Grove Village Center Plan includes a project to create a “festival street” along Hallmark Blvd. between Mercantile Dr. and Douglas Way. The festival street would include unique paving materials, street furniture, and landscaping that would allow the street to be closed for community events such as farmer’s markets and art fairs.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2013

Justification: Implements Adopted Lake Grove Village Center Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design				150		150
	Proj. Admin				25		25
	Construction				1,825		1,825
Expenses Total		\$-	\$-	\$-	\$2,000	\$-	\$2,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Citywide Signal Improvement and Upgrade

Project Description: Most of the 32 traffic signals owned by City have not been reviewed for hardware and software upgrades in 5 years. This will allow for a comprehensive look at all signals to be evaluated for any revisions and changes that will allow them to operate more efficiently, reduce delay at intersections, and improve safety based on the latest technological advances and state of the art practices.

Unfunded: Funded

Estimated Date of Completion: 2011

Impact /Justification: Reduction, Congestion and Delay Reduction



Transportation - Intersections

Fiscal Year (\$ in 000's)							
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating	45	205				250
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$45	\$205	\$-	\$-	\$-	\$250
Expenses	Design						-
	Proj. Admin	5	20				25
	Construction	40	185				225
Expenses Total		\$45	\$205	\$-	\$-	\$-	\$250



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Electronic Speed Awareness Signs

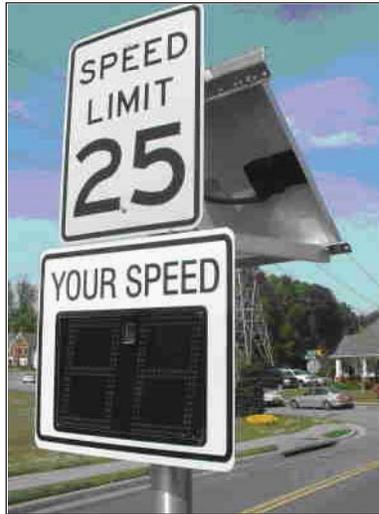
Project Description: This project funds the purchase and installation of electronic speed awareness signs on four stretches of roadway in Lake Oswego. The signs will be solar power generated and the locations for the signs will be selected through a need-based process that will consider pedestrian, vehicular, neighborhood, and organizational need. Partnerships with other agencies, organizations, and businesses will also be sought in determining the placements and funding for the signs.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2011-2014

Justification: Pedestrian Safety, Traffic Control/Traffic Calming, Speed Data Gathering

Transportation - Intersections



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating		12	12	12	12	48
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$12	\$12	\$12	\$12	\$48
Expenses	Design						-
	Proj. Admin		2	2	2	2	8
	Construction		10	10	10	10	40
							-
Expenses Total		\$-	\$12	\$12	\$12	\$12	\$48



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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/Biannual

Justification: Federal Requirement



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Assessment & Project	Operating	100	100	100	100	100	500
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$100	\$100	\$100	\$100	\$100	\$500
Expenses	Design	12	12	12	12	12	60
	Proj. Admin	10	10	10	10	10	50
	Construction	78	78	78	78	78	390
							-
Expenses Total		\$100	\$100	\$100	\$100	\$100	\$500



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 by the Boones Ferry Rd./Jean Rd. intersection and the City of Tualatin sidewalk. The City of Tualatin has agreed to contribute \$17,000. Portland and Western Railroad will do the work by correcting the rail crossing, install the sidewalk and make roadway corrections on both sides of Boones Ferry Rd. This is a shovel ready project.

Funded/Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Work Order 049



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
Bridgeport	Grants	100					100
Resources Total		\$100	\$-	\$-	\$-	\$-	\$100
Expenses	Design						-
	Proj. Admin	20					20
	Construction	80					80
							-
Expenses Total		\$100	\$-	\$-	\$-	\$-	\$100



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Pilkington/McEwan Pathway

Project Description: Pedestrian and bicycle improvements for Pilkington and McEwan Road corridors as recommended in the Pilkington Road Pathway Feasibility Study. The project is contingent upon receipt of Safe Routes to Schools grant funds.

Funded/Unfunded: Funded

Estimated Date of Completion: 2012

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



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants	500					500
Resources Total		\$500	\$-	\$-	\$-	\$-	\$500
Expenses	Design	75					75
	Proj. Admin	5	20				25
	Construction		400				400
							-
Expenses Total		\$80	\$420	\$-	\$-	\$-	\$500



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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: Unfunded

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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Parks	Operating	10	50				60
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$10	\$50	\$-	\$-	\$-	\$60
Expenses	Design						-
	Proj. Admin	2	5				7
	Construction	8	45				53
Expenses Total		\$10	\$50	\$-	\$-	\$-	\$60



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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. and could be built along with the roadway resurface as part of the LOIS project. The pathway is listed on the Trails Master Plan as a proposed Community Connector between South Shore Blvd. and Cardinal Dr. and as a proposed local pathway from Cardinal Dr. to Bryant Rd.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2010

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin	7					7
	Construction	68					68
Expenses Total		\$75	\$-	\$-	\$-	\$-	\$75



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 projects. The total of all of the lump sum bids will be the basis for the bid award. This way mobilization, bonding and insurance, traffic control, labor saw cutting excavation and disposal and all equipment charges will be reduced by combing small projects: Boones Ferry Rd. between Knaus Rd. and Monroe Pkwy. (100 ft.), B Ave. between 8th St. and 10th St. (230 ft.), South Shore Blvd. between McVey Ave. and Patton St. (150 ft.) and around Douglas Way around Lake Grove Elementary School (165 ft.).

Funded/Unfunded: Unfunded

Estimated Date of Completion: Fall 2010

Justification: Various Neighborhood Plans



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating	80					80
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$80	\$-	\$-	\$-	\$-	\$80
Expenses	Design						-
	Proj. Admin	8					8
	Construction	72					72
Expenses Total		\$80	\$-	\$-	\$-	\$-	\$80



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

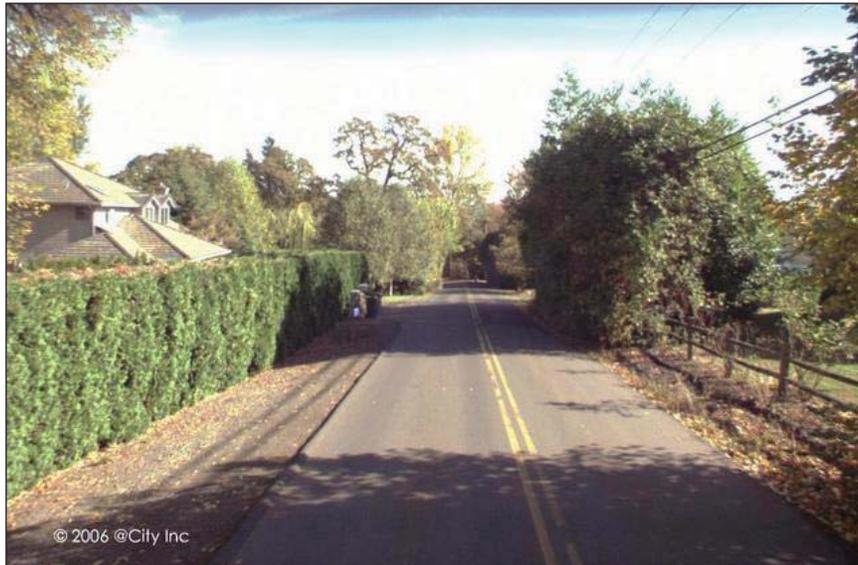
Project Name: Cherry Lane Neighborhood Pathway

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: 2010

Justification: Glenmorrie Neighborhood Plan/TAB Recommendation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street	Operating	100					100
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$100	\$-	\$-	\$-	\$-	\$100
Expenses	Design	25					25
	Proj. Admin	7					7
	Construction	68					68
							-
Expenses Total		\$100	\$-	\$-	\$-	\$-	\$100



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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. It is in the Comprehensive Plan and is part of the Metro Regional Pathway/Trail Plan. It is the next pathway under the 2002 Transportation Board Top Ten Neighborhood Pathways plan to be funded and meets SR2S qualifications. The Neighborhood has been very proactive in getting homeowners to keep the right-of-way clear. This project is shovel ready and could be combined with 4th St. (E to G), G Ave (4th to ACC) and B Ave (8th to 10th) project. Alta Planning has completed a design for the pathway projects.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2010

Justification: Metro Regional Pathway/Trail Plan/TAB Recommendation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
RSTS	Grants		175				175
Resources Total		\$-	\$175	\$-	\$-	\$-	\$175
Expenses	Design						-
	Proj. Admin		157				157
	Construction		18				18
							-
Expenses Total		\$-	\$175	\$-	\$-	\$-	\$175



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Oak - McVey 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.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		13				13
	Construction		117				117
							-
Expenses Total		\$-	\$130	\$-	\$-	\$-	\$130



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 quite a few old Douglas Fir trees to be removed. There could also be drainage and ADA accessibility issues.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Neighborhood Request



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		5	25			30
	Construction		60	225			285
							-
Expenses Total		\$-	\$65	\$250	\$-	\$-	\$315



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Waluga Neighborhood Pathway

Project Description: This project includes is a 1,400 ft. long, 5 ft. wide asphalt community pathway that would run between Oakridge Rd. and Boones Ferry Rd. Right-of-way would have to be acquired and several large fir trees would have to be removed. Much of this area is still in Clackamas County.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design		22				22
	Proj. Admin		3	10			13
	Construction			115			115
Expenses Total		\$-	\$25	\$125	\$-	\$-	\$150



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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: 2012

Justification: Palisades Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		5	15			20
	Construction		60	135			195
Expenses Total		\$-	\$65	\$150	\$-	\$-	\$215



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Boca Ratan Local Pathway

Project Description: This includes 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 and 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: Fall 2012

Justification: FAN/Forest Highlands Neighborhood Plan/TAB Recommendation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating			80			80
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$80	\$-	\$-	\$80
Expenses	Design			8			8
	Proj. Admin						-
	Construction			72			72
Expenses Total		\$-	\$-	\$80	\$-	\$-	\$80



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Canyon Drive Neighborhood Pathway

Project Description: This project includes a 1,150 ft. long 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 and grading, as well as ADA requirement issues.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Palisades Neighborhood Plan



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		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating		25	100			125
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$25	\$100	\$-	\$-	\$125
Expenses	Design		23				23
	Proj. Admin		2	10			12
	Construction			90			90
							-
Expenses Total		\$-	\$25	\$100	\$-	\$-	\$125



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Fernwood Dr. - Mapleleaf to Greentree Ave. Pathway

Project Description: This project includes a 1,200 ft. long, 5 ft. wide asphalt pathway. The grade is fairly flat with drainage ditches on both side of the roadway. This pathway could require extensive storm sewerage system work, however is close walking proximity to Lakeridge High School and Palisades Elementary School.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Trails Master Plan and Palisades Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		5	20			25
	Construction		45	180			225
							-
Expenses Total		\$-	\$50	\$200	\$-	\$-	\$250



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Lanewood/Douglas Circle - Twin Fir to Boones Ferry Pathway

Project Description: This project includes a 2,100 ft. long, 5 ft. wide asphalt pathway. The area has very few physical issues and is in the Lake Grove Elementary School walking route.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Trails Master Plan and Lake Grove Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		6	10			16
	Construction		53	90			143
							-
Expenses Total		\$-	\$59	\$100	\$-	\$-	\$159



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

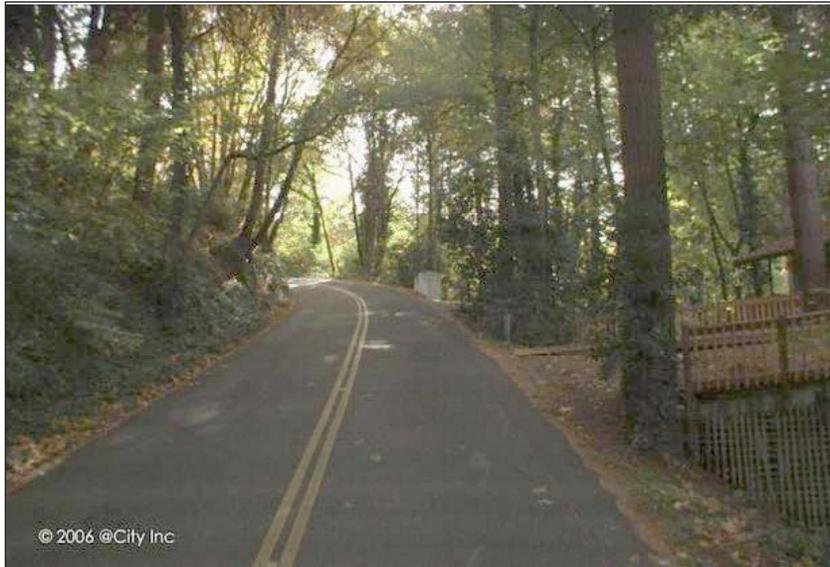
Project Name: Westview - Greentree to South Shore Blvd.

Project Description: This project includes a 350 ft. long, 5 ft. wide 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 large trees in the right-of-way. This plan will need a geotechnical study done, as well as engineering and design work.

Funded/Unfunded: Unfunded.

Estimated Date of Completion: 2014

Justification: Trails Master Plan and Neighborhood Plan



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		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design		75				75
	Proj. Admin		25		20	25	70
	Construction				80	525	605
Expenses Total		\$-	\$100	\$-	\$100	\$550	\$750



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Washington Court Pathway

Project Description: This project consists of a 700 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 fir trees may make this pathway costly.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design			22			22
	Proj. Admin			3	3		6
	Construction				25		25
Expenses Total		\$-	\$-	\$25	\$28	\$-	\$53



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Knaus - Boones Ferry to Country Club Pathway

Project Description: This project includes a 4,500 ft.long, 5 ft. wide asphalt pathway. Most of this roadway is still under Clackamas County road authority and sections of pathways have been built through annexation and redevelopment.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin			3	50		53
	Construction			27	450		477
Expenses Total		\$-	\$-	\$30	\$500	\$-	\$530



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Twin Fir - Upper to Boones Ferry Pathway

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.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin			20	62		82
	Construction			180	558		738
Expenses Total		\$-	\$-	\$200	\$620	\$-	\$820



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

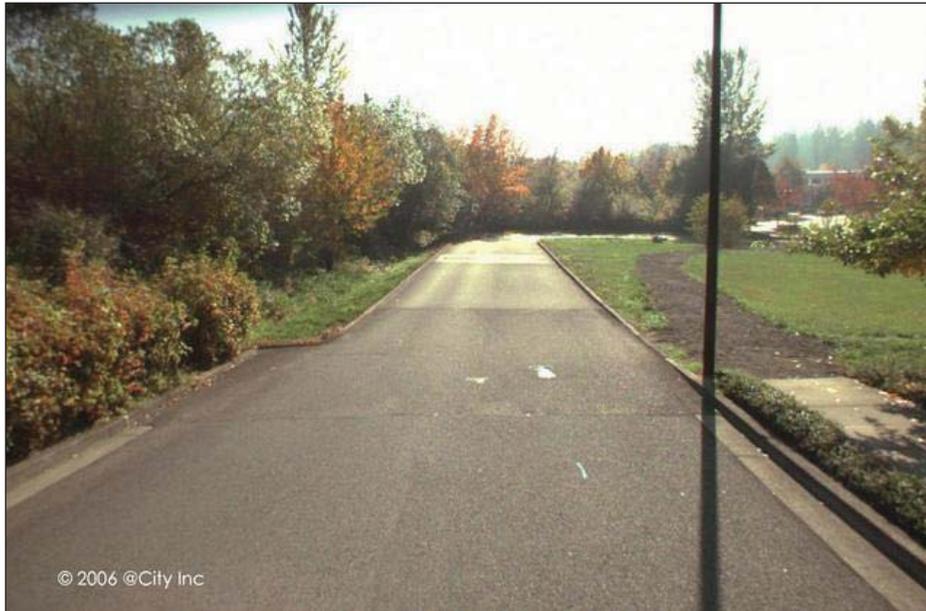
Project Name: Daniel Way Pathway

Project Description: This project includes an 800 ft. long, 5ft. wide asphalt pathway between Caman Dr. and the West End Building. This pathway would provide safe access for the Holly Orchard Neighborhood and the West End Building. This pathway does not meet "safe routes to school" criteria. An unapproved trail does exist.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design				10		10
	Proj. Admin				5		5
	Construction				65		65
Expenses Total		\$-	\$-	\$-	\$80	\$-	\$80



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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, and 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: Public Safety



Transportation - Pathways

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design				23		23
	Proj. Admin				2	42	44
	Construction					300	300
							-
Expenses Total		\$-	\$-	\$-	\$25	\$342	\$367



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Fir Ridge Rd. Sidewalk

Project Description: This project includes a 900 ft. long, 5 ft. wide concrete sidewalk. The width of the roadway makes it ideal for a sidewalk which would allow homeowners to maintain the on-street parking in front of their homes. This sidewalk would connect at one end with the Wembley Park pathway and Springbrook Park.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Trails Master Plan



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		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				7		7
	Construction				63		63
Expenses Total		\$-	\$-	\$-	\$70	\$-	\$70



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Fernwood Drive/Treetop Community Pathway

Project Description: This project includes a 2,300 ft. long, 5 ft. wide pathway between South Shore Blvd. and Overlook Dr. The pathway has extensive drainage issues to pipe the ditch lines in the right-of-way and will be difficult to meet ADA requirements, and has the possibility of losing parking on one side of Tree Top Ln. Tree Top Ln. alone may be a good consideration for a concrete sidewalk.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Palisades Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design				30		30
	Proj. Admin				5	23	28
	Construction					207	207
Expenses Total		\$-	\$-	\$-	\$35	\$230	\$265



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Mercantile Local 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: 2013

Justification: Waluga Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				4		4
	Construction				36		36
Expenses Total		\$-	\$-	\$-	\$40	\$-	\$40



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Waluga Park Pathway

Project Description: This project includes a 1,300 ft., 5 ft. wide asphalt pathway that runs between Royal Oaks Dr. and Oakridge Rd. This project can be combined with other Waluga identified pathways. There is a striped pathway along both sides of this section of roadway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Waluga Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				3	7	10
	Construction				22	68	90
Expenses Total		\$-	\$-	\$-	\$25	\$75	\$100



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 and trip hazards due to street trees lifting sidewalk panels. In the past the City has been directed to grind trip hazards but 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 esthetically pleasing face to the community and those traveling through the City. The street length is approximately 4,000 ft. with sidewalks on both sides.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

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



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design				27	475	502
	Proj. Admin				3	25	28
	Construction						-
Expenses Total		\$-	\$-	\$-	\$30	\$500	\$530



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

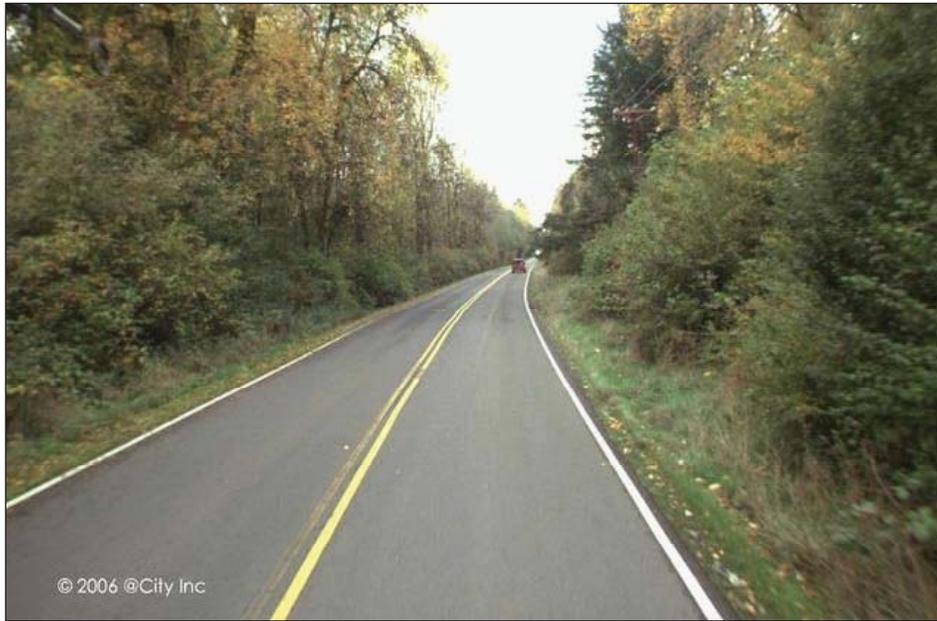
Project Name: Childs Road - Canal Acres to Sycamore Pathway

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.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Neighborhood Request



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				5	20	25
	Construction				45	180	225
Expenses Total		\$-	\$-	\$-	\$50	\$200	\$250

Transportation - Pathways



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

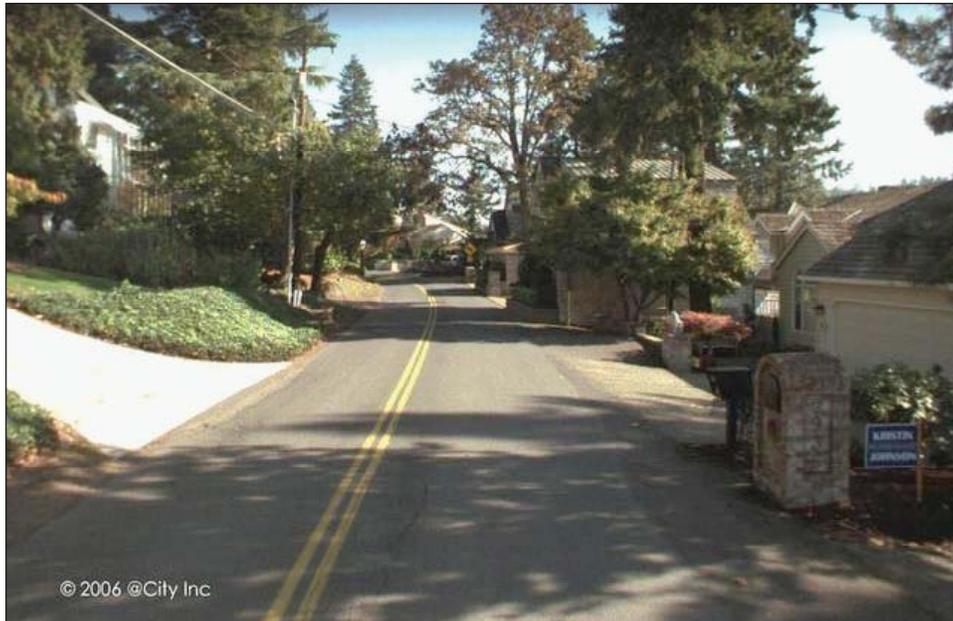
Project Name: Lakeview - Iron Mountain to end of Pathway

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 be needed.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				10	80	90
	Construction				90	720	810
Expenses Total		\$-	\$-	\$-	\$100	\$800	\$900



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Meadowlark - Overlook to Atherton Sidewalk

Project Description: This project includes a 25 ft. wide street with curb and gutter, landscaping and driveways on both sides. A sidewalk on the roadway or striping would be the only sensible option and both options would eliminate all parking on the roadway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Palisades Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				12		12
	Construction				101		101
Expenses Total		\$-	\$-	\$-	\$113	\$-	\$113



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Laurel - Hallinan to Cornell Pathway

Project Description: This project involves a 1,600 ft long, 6 ft. wide sidewalk incorporating some current sidewalk. 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 widened to City standards and drainage improvements installed.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Trails Master Plan and TAB Recommendation



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				5	14	19
	Construction				45	1,336	1,381
Expenses Total		\$-	\$-	\$-	\$50	\$1,350	\$1,400



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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: 2014

Justification: Neighborhood Request



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design				68		68
	Proj. Admin				7	41	48
	Construction					374	374
Expenses Total		\$-	\$-	\$-	\$75	\$415	\$490



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 issue along sections of this roadway and there is a heritage Tree along the edge of the roadway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2013

Justification: Trails Master Plan and Glenmorrie Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				30		30
	Construction				270		270
Expenses Total		\$-	\$-	\$-	\$300	\$-	\$300



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 and Nettle Creek running year- round in the east ditch line. Part of this roadway and many of the homes are still under Clackamas County jurisdiction.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Trails Master Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				7	20	27
	Construction				63	180	243
Expenses Total		\$-	\$-	\$-	\$70	\$200	\$270



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Palisades Crest Neighborhood Pathway

Project Description: This project consists of a 1,100 ft. long local pathway between Hillside Dr. and Cook's Butte Park. The roadway is 24 ft. wide with curb and gutter. Options include concrete sidewalk or striping with no parking along roadway or tear out curb and gutter and could present ADA issues that could be quite costly.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Palisades Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin					17	17
	Construction					158	158
Expenses Total		\$-	\$-	\$-	\$-	\$175	\$175



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

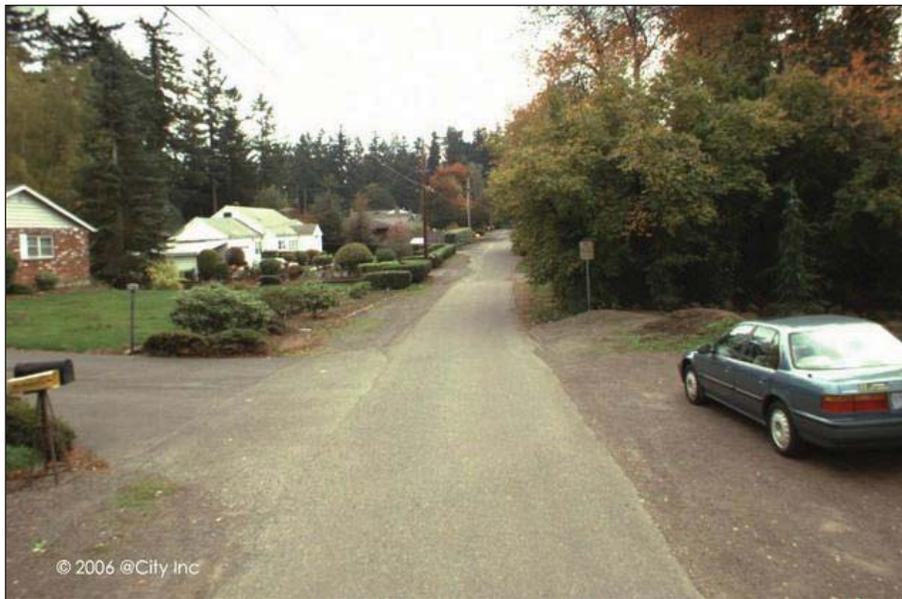
Project Name: Thoma Neighborhood Pathway

Project Description: This project consists of a 900 ft. long asphalt pathway that would connect Lake Oswego High School to Knaus Rd. pathway.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: FAN/Forest Hills Neighborhood Plan



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin					5	5
	Construction					65	65
Expenses Total		\$-	\$-	\$-	\$-	\$70	\$70

Transportation - Pathways



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Tryon Creek Pedestrian Bridge

Project Description: This project encompasses the design of a pedestrian bridge across Tryon Creek connecting the existing pathway in the north end of Foot-hills Park to Tryon Cove Park on the north side of the creek.
 (Note: This project is contingent upon submitting an 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: Unfunded

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

Justification: Regional Trail Priority



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design					270	270
	Proj. Admin					30	30
	Construction						-
Expenses Total		\$-	\$-	\$-	\$-	\$300	\$300



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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

Project Description: This project encompasses two pathways: 4th St. between E Ave. and F Ave. (200 ft.) and G Ave. between 4th St. and the ACC (300 ft.). This project could be combined with the E Avenue Neighborhood pathway project and would be a good connectivity if both facilities remain in their current location.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Pedestrian Orient Destinations



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin					6	6
	Construction					54	54
Expenses Total		\$-	\$-	\$-	\$-	\$60	\$60



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Timberline - Knaus to Bonniebrae Sidewalk

Project Description: This project encompasses 32 ft. wide, 2,600 ft. long roadway and would be a good candidate for a 6 ft. wide sidewalk, and leave enough room for on-street parking.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Trails Master Plan



Transportation - Pathways

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						
	Proj. Admin					20	20
	Construction					180	180
Expenses Total		\$-	\$-	\$-	\$-	\$200	\$200



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 fir trees to implement.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Lake Forest Neighborhood Request



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				4	15	19
	Construction				38	135	173
Expenses Total		\$-	\$-	\$-	\$42	\$150	\$192



City of Lake Oswego

Capital Improvement Plan FY 2009/10

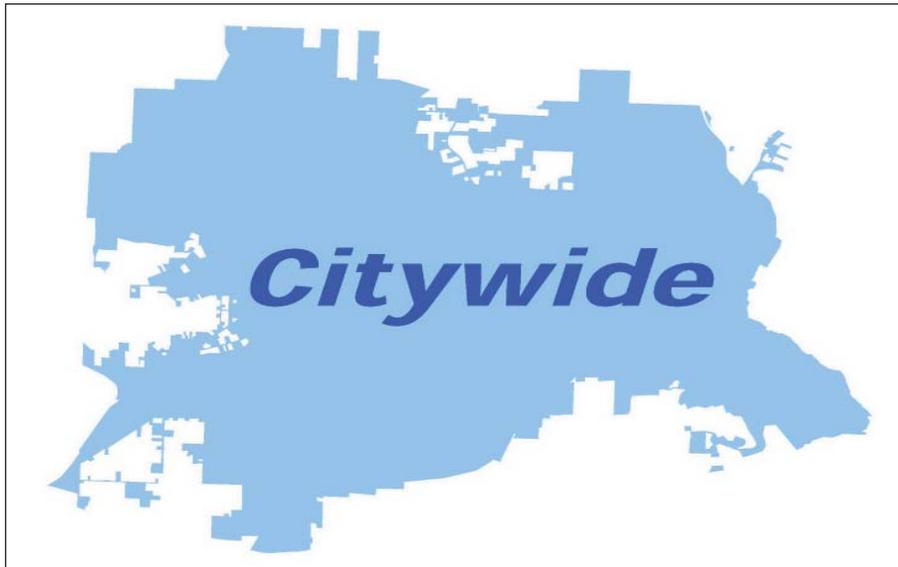
Project Name: Citywide Bicycle/Pedestrian Pathway Repair and Maintenance

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.

Funded/Unfunded: Funded

Estimated Date of Completion: Summer 2010

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street/Bikepath	Operating	88					88
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$88	\$-	\$-	\$-	\$-	\$88
Expenses	Design						-
	Proj. Admin	5					5
	Construction	83					83
Expenses Total		\$88	\$-	\$-	\$-	\$-	\$88



City of Lake Oswego
Capital Improvement Plan FY 2009/10



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Lake Oswego to Portland Transit Improvement

Project Description: Transit improvements between Lake Oswego and Portland will either be a Bus Rapid Transit system or a Streetcar line. Streetcar is the likely outcome given the congestion and slow travel speeds associated with Bus Rapid Transit. The Streetcar can be accommodated mostly on the existing Willamette Shore railway right-of-way. The City and other regional agencies including Metro, TriMet, Clackamas County and the City of Portland will be funding the local portion of the planning, design and construction of the project. Federal participation is expected to be approximately 60% of the project costs.

Funded/Unfunded: Partial

Estimated Date of Completion: 2012-2015

Justification: City Council Goal



Transportation - Transit

Fiscal Year (\$ in 000's)

Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
General	Operating	93			6,000		6,093
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$93	\$-	\$-	\$6,000	\$-	\$6,093
Expenses	Design	85					85
	Proj. Admin	8			600		608
	Construction				5,400		5,400
Expenses Total		\$93	\$-	\$-	\$6,000	\$-	\$6,093



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14

Transportation - Transit



Utilities





Water Overview

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.



**City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14**

Water Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Annual Water Main Rehabilitation	Water	900,000	900,000	900,000	900,000	900,000	4,500,000
Summit Reservoir Overflow Line	Water	20,000	200,000				220,000
Dist Pump Station Generator Plug-Ins	Water	100,000					100,000
Reservoir Hatch Alarms	Water	210,000					210,000
WTP Lime System Redundancy	Water	30,000					30,000
Water Reservoir Overflows	Water	40,000	250,000				290,000
Touchstone Pump Sta. Energy Upgrade	Water	90,000					90,000
Touchstone Reservoir/Pump Station Imp.	Water	80,000					80,000
Survey Total Station	Water	10,000					10,000
PRV Stations Inspection and Rebuild Maintenance Program				50,000			50,000
South Shore Water Reservoir Landscaping Rehabilitation					75,000		75,000
Total		1,480,000	1,350,000	950,000	975,000	900,000	5,655,000

Lake Oswego-Tigard Water Supply Extension

LO/Tigard Water Project*	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Lake Oswego-Tigard Water Supply Ext.	Other	1,488,000	6,500,000	6,000,000	25,000,000	24,000,000	62,988,000
Total		1,488,000	6,500,000	6,000,000	25,000,000	24,000,000	62,988,000

Total Water Projects 2,968,000 7,850,000 6,950,000 25,975,000 24,900,000 68,643,000

* This program is contained within the proposed 2009-10 budget as Personal Services and Materials, not as Capital Outlay.



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
FY 2009/10 Funded Water Project Summary

Water Projects	General Fund	Water Fund	SDC Fund	Total
Annual Water Main Rehabilitation		900,000		900,000
Distribution Pump Station Generator Plug-ins		100,000		100,000
Touchstone Pump Station Energy Efficiency Upgrade		90,000		90,000
Reservoir Hatch Alarms		210,000		210,000
Summit Reservoir Overflow Line		20,000		20,000
Water Treatment Plant Lime System Redundancy		30,000		30,000
Water Reservoir Disconnect		40,000		40,000
Touchstone Reservoir/Pump Station Improvements		80,000		80,000
Survey Total Station		10,000		10,000
Total		1,480,000		1,480,000

LO/Tigard Water Project*	General Fund	Intergovt'l	SDC Fund	Total
LO/Tigard Water Supply Extension		1,488,000		1,488,000
Total		1,488,000		1,488,000
Total Water Projects		2,968,000		2,968,000

* This program is contained within the proposed 2009-10 budget as Personal Services and Materials, not as Capital Outlay.



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

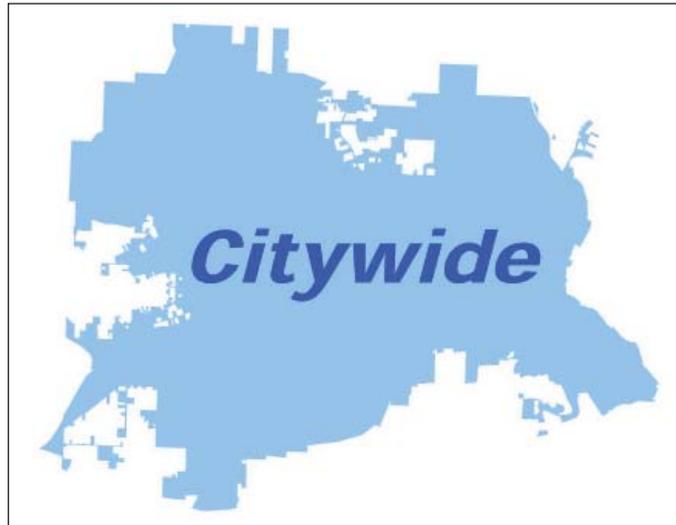
Project Name: Annual Water Main Rehabilitation Program

Project Description: These projects replace old, undersized pipelines and pipelines that do not meet engineering design criteria for peak water demands and fire flow. Project list to be developed from master plan recommendations, trouble spots suggested by Maintenance Services Department and co-existing projects in streets or sewer.

Funded/Unfunded: Funded

Estimated Date of Completion: Annual

Justification: Periodic Update



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating	900	900	900	900	900	4,500
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$900	\$900	\$900	\$900	\$900	\$4,500
Expenses	Design	90	90	90	90	90	450
	Proj. Admin	90	90	90	90	90	450
	Construction	720	720	720	720	720	3,600
							-
Expenses Total		\$900	\$900	\$900	\$900	\$900	\$4,500



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Summit Reservoir Overflow Line

Project Description: This project would replace approximately 300 feet of deteriorated, broken 15 inch corrugated pipe drain line that has caused property damages to adjacent homes.

Funded /Unfunded: Funded

Estimated Date of Completion: 2011

Justification: Risk Management



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating	20	200				220
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$20	\$200	\$-	\$-	\$-	\$220
Expenses	Design	18	180				198
	Proj. Admin	2	20				22
	Construction						-
Expenses Total		\$20	\$200	\$-	\$-	\$-	\$220



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: **Distribution Pump Station Generator Plug-ins**

Project Description: Several of the critical drinking water pump stations in the City lack generator plug-ins that would allow operation during a power outage. Without generator capability, it is possible that local water storage could run out during an extended power outage, leaving an area without water for fire suppression and residential use. This project would upgrade five critical pump stations with the capability to plug into portable generators currently owned by the City. The proposed pump stations are Touchstone, McNary, Palisades, Southside and City View. The project should include a generator compatibility study to verify that the existing City generators are sufficient for these pump stations. This is a project proposed jointly by Maintenance Services Department and the Water Treatment Plant.

Funded /Unfunded: Funded

Estimated Date of Completion: Summer 2010

Justification: Water System Reliability



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating	100					100
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$100	\$-	\$-	\$-	\$-	\$100
Expenses	Design	20					20
	Proj. Admin	3					3
	Construction	77					77
							-
Expenses Total		\$100	\$-	\$-	\$-	\$-	\$100



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Distribution Reservoir Hatch Alarms

Project Description: Several of the distribution system reservoirs lack alarms on the access hatch. Vandals could open the hatch and dump harmful chemicals in the City's drinking water without being detected. This is a serious vulnerability in the City's drinking water system and should be addressed immediately. Funding is for electrical engineering design and installation of hatch alarms and incorporation of the alarms into the water system SCADA system. Reservoirs that need hatch alarms are City View, Waluga, Bergis, Palisades, Touchstone and Forest Highlands. With installation of hatch alarms it is recommended that sonic level sensors are also installed to improve the reliability of the level measurement.

Funded /Unfunded: Funded

Estimated Date of Completion: Spring 2010

Justification: Water System Security



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating	210					210
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$210	\$-	\$-	\$-	\$-	\$210
Expenses	Design	70					70
	Proj. Admin	5					5
	Construction	135					135
							-
Expenses Total		\$210	\$-	\$-	\$-	\$-	\$210



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: **WTP Lime System Redundancy**

Project Description: The Water Treatment Plant feeds a hydrated lime solution into the finished water for corrosion control as mandated by state and federal drinking water regulations. Although the lime feed system was designed as a redundant system, the lime feed pumps that were installed in 2000 are not interchangeable and one of the pumps needs to be replaced in order to serve as a backup for the pump that is currently operated. When this pump is taken out of service for maintenance or malfunctions, the old lime system must be used as a backup. The system operates very poorly and has caused the Water Treatment Plant to have four corrosion control “excursions” in the past two years. (If the system has 9 “excursions” in six months, it is considered a treatment violation by the state regulators).

Funded /Unfunded: Funded

Estimated Date of Completion: Summer 2010

Justification: Water Treatment Reliability



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating	30					30
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$30	\$-	\$-	\$-	\$-	\$30
Expenses	Design	8					8
	Proj. Admin	5					5
	Construction	17					17
Expenses Total		\$30	\$-	\$-	\$-	\$-	\$30



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

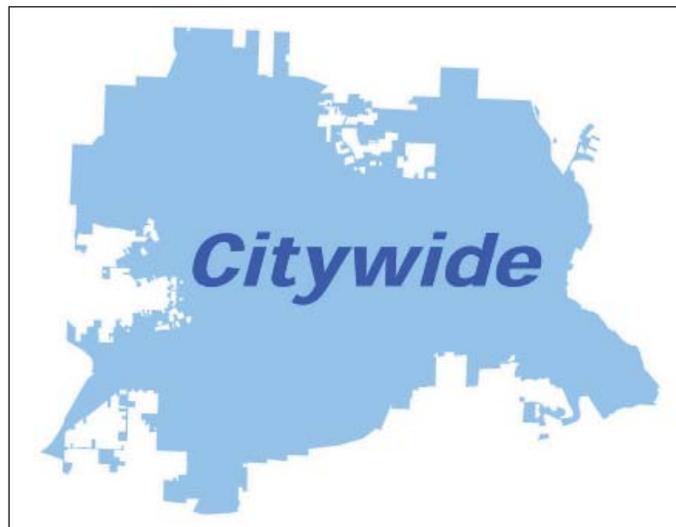
Project Name: Water Reservoir Disconnect

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: Funded

Estimated Date of Completion: 2011

Justification: Water Quality



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating	40	250				290
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$40	\$250	\$-	\$-	\$-	\$290
Expenses	Design	36	250				286
	Proj. Admin	4					4
	Construction						-
Expenses Total		\$40	\$250	\$-	\$-	\$-	\$290



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Touchstone Pump Station Energy Efficiency Upgrade

Project Description: In 2006-07 an energy audit was conducted on Touchstone Pump Station and it was determined that substantial energy savings of up to \$14,000 per year was possible if two of the existing pumps were replaced with new pumps and premium efficiency motors. Some funding may be available from the Energy Trust of Oregon for this project.

Funded /Unfunded: Funded

Estimated Date of Completion: Fall 2010

Justification: Sustainability, Electrical Savings



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating	60					60
	SDC's						-
	Bonds						-
Energy Trust of OR	Grants	30					30
Resources Total		\$90	\$-	\$-	\$-	\$-	\$90
Expenses	Design	10					10
	Proj. Admin	1					1
	Construction	79					79
Expenses Total		\$90	\$-	\$-	\$-	\$-	\$90



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Touchstone Reservoir / Pump Station Improvements

Project Description: Stairs to park need to be upgraded to safety and ADA standards (currently deteriorating railroad ties that are uneven and slippery), realign access to main shut off valve to make it operable, and redesign pump station access by excavating and installing side door to remove confined space entry requirements. Generator availability addressed in separate request.

Funded /Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Safety and Operability



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating	80					80
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$80	\$-	\$-	\$-	\$-	\$80
Expenses	Design						-
	Proj. Admin	8					8
	Construction	72					72
Expenses Total		\$80	\$-	\$-	\$-	\$-	\$80



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Survey Total Station & Data Collector

Project Description: The Survey Total Station is used to collect survey data; including distances, directions and elevations. This information is used in creating construction plans, determining property boundaries and for construction staking. The Station is 15 years old and outdated and needs to be replaced.

Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Periodic Update



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surfacewater	Operating	5					5
Wastewater		5					5
Water		10					10
Street							-
Resources Total		\$20	\$-	\$-	\$-	\$-	\$20
Expenses	Design						-
	Proj. Admin						-
	Construction	20					20
Expenses Total		\$20	\$-	\$-	\$-	\$-	\$20



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

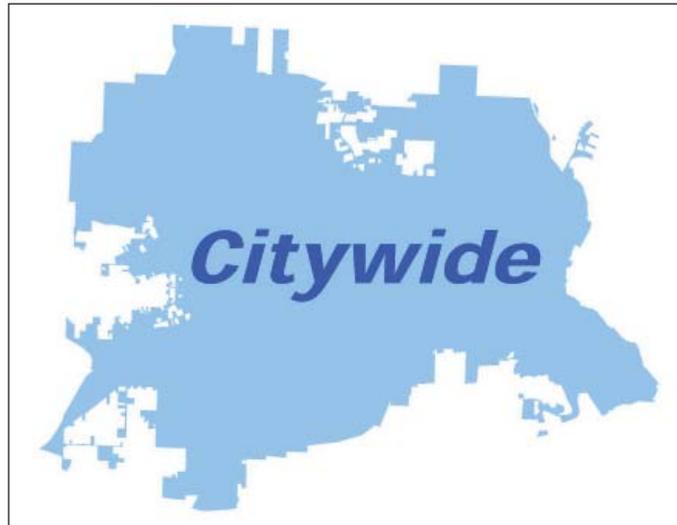
Project Name: PRV Stations Inspection and Rebuild Maintenance Program

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 pump stations. Best Management Practice calls for this service 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating			50			50
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$50	\$-	\$-	\$50
Expenses	Design						-
	Proj. Admin						-
	Construction			50			50
Expenses Total		\$-	\$-	\$50	\$-	\$-	\$50



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: **South Shore Blvd. Water Reservoir Landscaping Rehab**

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 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 for 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating				75		75
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$75	\$-	\$75
Expenses	Design						-
	Proj. Admin				5		5
	Construction				70		70
Expenses Total		\$-	\$-	\$-	\$75	\$-	\$75



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 will be 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.



**City of Lake Oswego
 Capital Improvement Plan FY 2009/10 - 2013/14
 Lake Oswego/Tigard Water Supply Extension Project Summary**

Lake Oswego/Tigard Water Supply Extension

LO/Tigard Water Supply Ext.	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Lake Oswego-Tigard Water Supply Ext.	Other	1,488,000	6,500,000	6,000,000	25,000,000	24,000,000	62,988,000
Total		1,488,000	6,500,000	6,000,000	25,000,000	24,000,000	62,988,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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

Utilities - LO - Tigard Expansion



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating			700			700
	SDC's						-
	Bonds				35,000	40,000	75,000
	Intergovt'l	2,260	2,260	800			5,320
Resources Total		\$2,260	\$2,260	\$1,500	\$35,000	\$40,000	\$81,020
Expenses	Design	1,008	6,000	5,000			12,008
	Proj. Admin	480	500	1,000	5,000	4,000	10,980
	Construction				20,000	20,000	40,000
							-
Expenses Total		\$1,488	\$6,500	\$6,000	\$25,000	\$24,000	\$62,988



Surface Water Management Overview

Surface Water 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 (SWMMMP) and the Surface Water Management Utility user fee to fund the SWM program. Presently, the City is in the process of updating the SWMMMP. The updated SWMMMP, referred to as The Clean Streams Plan, will recognize 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 evaluates system capacity deficiencies and recommends 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 SWMMMP, 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.



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14

	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surfacewater Projects							
Annual Maintenance-Past Stream Projects	Surfacewater	25,000	25,000	25,000	25,000	25,000	125,000
Drainage Improv. in conjunction with Lake Drawdown	Surfacewater	26,000	183,000				209,000
Small Works Drainage Improvements	Surfacewater	71,000	71,000	71,000	71,000	71,000	355,000
Catch Basin Retrofit	Surfacewater	71,000	71,000	71,000	71,000	71,000	355,000
Outfall Inventory and Restoration	Surfacewater	71,000	71,000	71,000	71,000	71,000	355,000
Springbrook Creek Restoration-Reach 8	Surfacewater	73,000					73,000
Survey Total Station	Surfacewater	5,000					5,000
Underground Injection Control (UIC) Evaluation, Permitting and Retrofits	Unfunded	123,000	104,000	104,000	104,000	104,000	539,000
Rockinghorse Lane Drainage Imp.	Unfunded	219,000					219,000
Ash Street Deep Culvert Replacement			72,000				72,000
Springbrook Creek Culvert Evaluation			31,000	221,000			252,000
Sediment Basin Evaluation and Retrofits				190,000			190,000
Stormwater Facility Water Quality Retrofits				57,000	105,000	105,000	267,000
D Ave Storm Drainage Infrastructure Imp					626,000		626,000
B Avenue Storm System Upgrade						1,212,000	1,212,000
Total		684,000	628,000	810,000	1,073,000	1,659,000	4,854,000



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
FY 2009/10 Funded Surfacewater Project Summary

Surfacewater Projects	General Fund	Surfacewater Fund	SDC Fund	Total
Small Works Drainage Improvements		71,000		71,000
Catch Basin Retrofits		71,000		71,000
Outfall Inventory and Restoration		71,000		71,000
Annual Maintenance for Past Projects		25,000		25,000
Springbrook Creek Restoration-Reach 8		73,000		73,000
Drainage Improvements with Lake Drawdown		26,000		26,000
Survey Total Station		5,000		5,000
Total Surfacewater Projects		342,000		342,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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: Funded

Estimated Date of Completion: Annual

Justification: Sustainability, Maintaining an Investment



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating	25	25	25	25	25	125
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$25	\$25	\$25	\$25	\$25	\$125
Expenses	Design						-
	Proj. Admin	3	3	3	3	3	15
	Construction	22	22	22	22	22	110
							-
Expenses Total		\$25	\$25	\$25	\$25	\$25	\$125



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 draw-down 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating	26	183				209
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$26	\$183	\$-	\$-	\$-	\$209
Expenses	Design	23					23
	Proj. Admin	3	16				19
	Construction		167				167
Expenses Total		\$26	\$183	\$-	\$-	\$-	\$209



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Small Works Drainage Improvements

Project Description: This program encompasses minor storm drainage improvements including storm drain pipe throughout the City. Projects are typically less than \$30,000 each and are usually constructed with larger projects such as street overlays, pathways, and wastewater improvements.

Funded/Unfunded: Funded

Estimated Date of Completion: Annual

Justification: Asset Protection and Property Protection



Utilities - Surfacewater

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating	71					71
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$71	\$-	\$-	\$-	\$-	\$71
Expenses	Design	8	8	8	8	8	40
	Proj. Admin	6	6	6	6	6	30
	Construction	57	57	57	57	57	285
Expenses Total		\$71	\$71	\$71	\$71	\$71	\$355



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Catch Basin Retrofit

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 projects are conducted in conjunction with scheduled street and/or other utility projects or as a stand alone project.

Funded/Unfunded: Funded

Estimated Date of Completion: Annual

Justification: Water Quality, Facilities Upgrades



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating	71					71
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$71	\$-	\$-	\$-	\$-	\$71
Expenses	Design	8	8	8	8	8	40
	Proj. Admin	6	6	6	6	6	30
	Construction	57	57	57	57	57	285
Expenses Total		\$71	\$71	\$71	\$71	\$71	\$355

Utilities - Surfacewater



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 the City to develop and prioritize a list of outfall repair/restoration projects.

Funded/Unfunded: Funded

Estimated Date of Completion: Annual

Justification: Water Quality, Facility Repairs



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating	71	71	71	71	71	355
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$71	\$71	\$71	\$71	\$71	\$355
Expenses	Design	8	8	8	8	8	40
	Proj. Admin	6	6	6	6	6	30
	Construction	57	57	57	57	57	285
Expenses Total		\$71	\$71	\$71	\$71	\$71	\$355



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Springbrook Creek Restoration - Reach 8

Project Description: Reach 8 of Springbrook Creek begins at Upper Twin Fir Rd. and extends upstream to Rainbow Ter. Since the construction of the wastewater main along the main channel (1960's) this segment of stream has changed its course, severely eroded and down-cut to the point that it is no longer connected to its floodplain. Downcutting has also exposed a segment of wastewater main. This project will realign the stream to its historic channel, reconnect the floodplain, stabilize the channel, protect the wastewater infrastructure and rehabilitate the habitat.

Funded/Unfunded: Funded

Estimated Date of Completion: Summer 2010

Justification: Habitat Enhancement, Water Quality Improvement, Facility Protection



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating	73					73
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$73	\$-	\$-	\$-	\$-	\$73
Expenses	Design						-
	Proj. Admin	7					7
	Construction	66					66
							-
Expenses Total		\$73	\$-	\$-	\$-	\$-	\$73



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating	123	104	104	104	104	539
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$123	\$104	\$104	\$104	\$104	\$539
Expenses	Design	103	23	23	23	23	195
	Proj. Admin	20	6	6	6	6	44
	Construction		75	75	75	75	300
Expenses Total		\$123	\$104	\$104	\$104	\$104	\$539



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

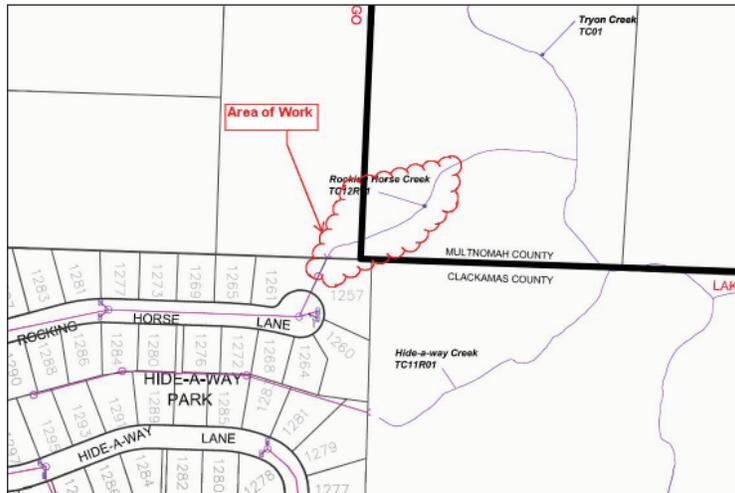
Project Name: Rockinghorse Ln. Drainage Improvements

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 a critical step in the successful design and construction of this project.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2010

Justification: Water Quality Improvement



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating	219					219
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$219	\$-	\$-	\$-	\$-	\$219
Expenses	Design	30					30
	Proj. Admin	12					12
	Construction	177					177
Expenses Total		\$219	\$-	\$-	\$-	\$-	\$219

Utilities - Surfacewater



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

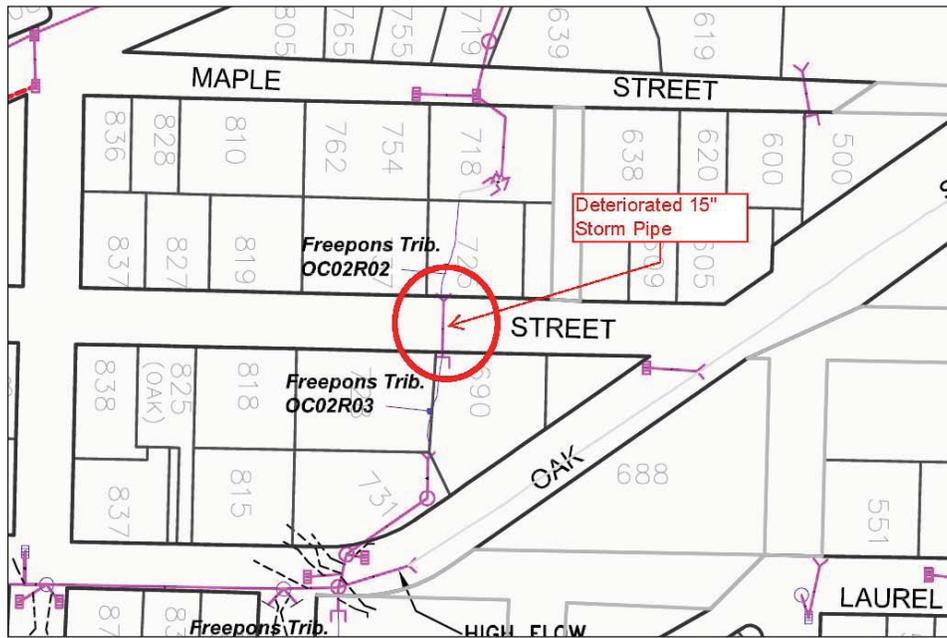
Project Name: Ash St. Deep Culvert Replacement

Project Description: The existing 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 2010

Justification: Deteriorated Facility



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating		72				72
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$72	\$-	\$-	\$-	\$72
Expenses	Design		9				9
	Proj. Admin		4				4
	Construction		59				59
Expenses Total		\$-	\$72	\$-	\$-	\$-	\$72

Utilities - Surfacewater



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Springbrook Creek Culvert Evaluation

Project Description: Springbrook Creek is 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 aggradation 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: Summer 2012

Justification: Flood Control, Habitat Improvement, Water Quality



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating		31	221			252
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$31	\$221	\$-	\$-	\$252
Expenses	Design		29				29
	Proj. Admin		2	14			16
	Construction			207			207
							-
Expenses Total		\$-	\$31	\$221	\$-	\$-	\$252

Utilities - Surfacewater



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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. These projects 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: Summer 2012

Justification: Water Quality, Maintenance Efficiency



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating			190			190
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$190	\$-	\$-	\$190
Expenses	Design			23			23
	Proj. Admin			11			11
	Construction			156			156
							-
Expenses Total		\$-	\$-	\$190	\$-	\$-	\$190



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Storm Water Facility Water Quality Retrofits

Project Description: Many storm water detention facilities were constructed under design standards that are much less stringent than today's. This project will inventory and evaluate publicly owned water quality facilities and develop designs for improved functional efficiency, improved water quality treatment and detention and access for maintenance.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Annual

Justification: Water Quality, Maintenance Efficiency



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating			57	105	105	267
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$-	\$57	\$105	\$105	\$267
Expenses	Design			50	13	13	76
	Proj. Admin			7	6	6	19
	Construction				86	86	172
Expenses Total		\$-	\$-	\$57	\$105	\$105	\$267



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

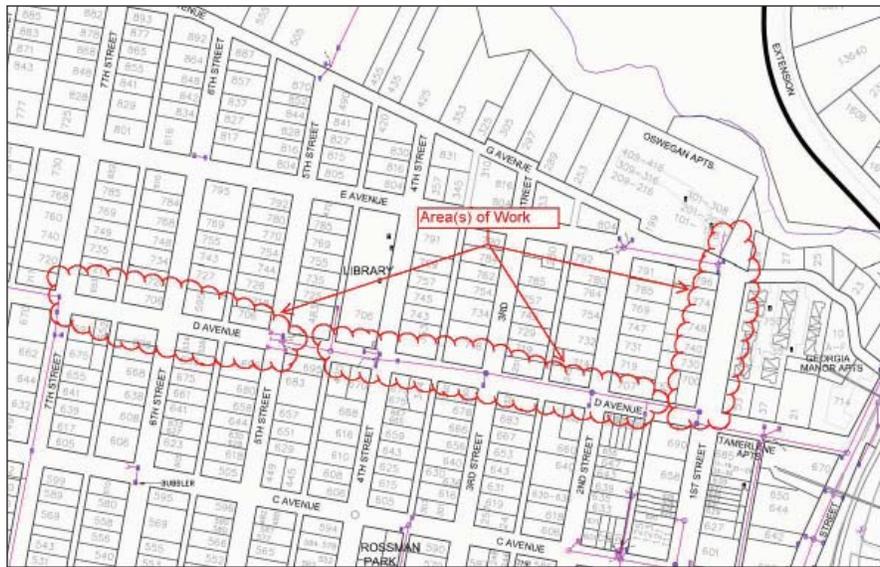
Project Name: D Ave. Storm Drainage Infrastructure Improvements

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: Summer 2013

Justification: System Upgrades/Improvements, Water Quality Improvements



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating				626		626
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$-	\$-	\$626	\$-	\$626
Expenses	Design				77		77
	Proj. Admin				36		36
	Construction				513		513
Expenses Total		\$-	\$-	\$-	\$626	\$-	\$626



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

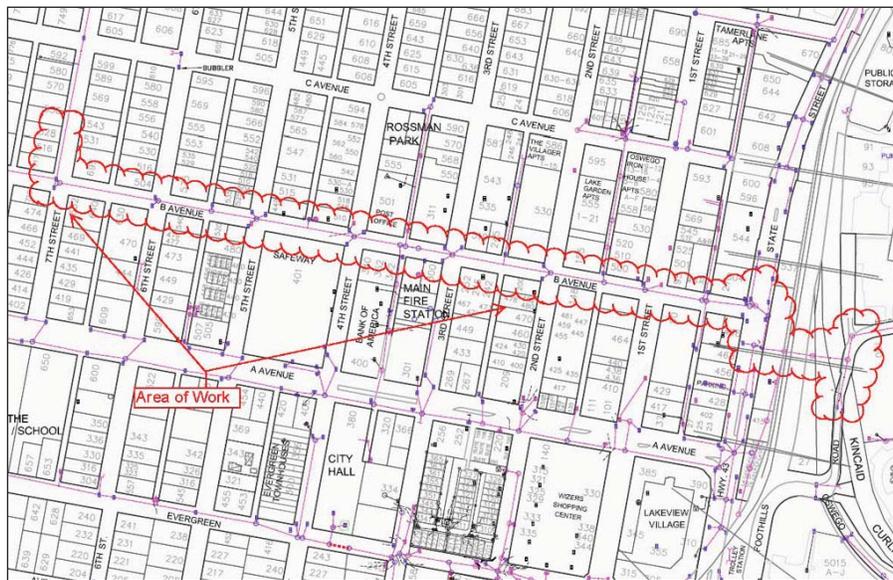
Project Name: B Ave. Storm System Upgrade

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 Rd. 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.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer 2014

Justification: Deficient System



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Surface Water	Operating					1,212	1,212
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$-	\$-	\$-	\$1,212	\$1,212
Expenses	Design					145	145
	Proj. Admin					68	68
	Construction					999	999
Expenses Total		\$-	\$-	\$-	\$-	\$1,212	\$1,212

Utilities - Surfacewater



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14

Utilities - Surfacewater



Wastewater Overview

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.



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14

Wastewater Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
WWTP Vactor Waste Facility Modifications	Wastewater	40,000	300,000				340,000
Wastewater Annual Rehabilitation	Wastewater	860,000	1,000,000	1,000,000	1,000,000	1,000,000	4,860,000
Lily Bay View & Maple St Pump Sta. Upgrades	Wastewater	450,000					450,000
Marylhurst Pump Station Upgrades	Wastewater	400,000					400,000
Ridgewood Drive STEP System Removal	Wastewater	250,000					250,000
Survey Total Station	Wastewater	5,000					5,000
Atwater Lane Collection System Extension	Unfunded	155,000					155,000
Install 38 Backflow Devices			95,000				95,000
Alley Way WW Imp. - 1st & 2nd			314,000				314,000
Country Club Rd WW Imp.-Iron Mtn.-10th			550,000				550,000
Hazel Rd WW Imp -W. of Johnson Terr.			10,000				10,000
Sixth St WW Imp- Evergreen & Ellis					180,000		180,000
Alley Wy WW Imp-Kenwood, Lakewood, et. al.					210,000		210,000
5th Street WW Imp.- Evergreen & Lake Bay					320,000		320,000
Lake Forest Cir. WW Imp.-Lake Forest Dr.					500,000		500,000
Backyard WW Imp. - Oak & Conifer						210,000	210,000
Lake Shore WW Imp-1045 Lake Shore Rd.						52,000	52,000
Woodside Circle WW Improvements						130,000	130,000
North Shore WW Imp. -1500 N Shore Rd						50,000	50,000
State Street WW Imp. - North of McVey						60,000	60,000
Total		2,160,000	2,269,000	1,000,000	2,210,000	1,502,000	9,141,000

(LOIS) Lake Oswego Interceptor Sewer

LOIS Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
LO Interceptor Sewer Replacement	Bonds	38,425,000	40,000,000	18,000,000	2,000,000		98,425,000
Total		38,425,000	40,000,000	18,000,000	2,000,000		98,425,000

Total Wastewater Projects **40,585,000** **42,269,000** **19,000,000** **4,210,000** **1,502,000** **107,566,000**



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
FY 2009/10 Funded Wastewater Projects Summary

Wastewater Projects	General Fund	Wastewater Fund	SDC Fund	Total
WWTP Vactor Waste Facility Modifications		40,000		40,000
Annual Wastewater Rehabilitation		860,000		860,000
Lilly Bay, Bay View and Maple St. Pump Sta. Upgrades		450,000		450,000
Marylhurst Pump Station Upgrades		400,000		400,000
Ridgewood Drive STEP System Removal		250,000		250,000
Survey Total Station		5,000		5,000
Total		2,005,000		2,005,000

LOIS Projects	General Fund	Wastewater Fund	SDC Fund	Bonds	Total
LO Interceptor Sewer Replacement				38,425,000	38,425,000
Total				38,425,000	38,425,000
Total Wastewater Projects		2,005,000		38,425,000	40,430,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: **Wastewater Treatment Plant (WWTP) Vector Waste Facility Modifications**

Project Description: As part of the Interceptor project, main lines leading to the interceptor will be sumped to minimize potential solids buildup 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 not designed for this purpose and must be modified in order to accept more waste. The alternative is to send the truck(s) to the Columbia Wastewater Treatment Plant in North Portland. In addition, the City does not have an adequate decant/solids handling facility for storm water vector wastes, which are handled no differently than wastewater solids. If there is adequate space to combine both needs staff anticipates a cost savings over constructing two separate facilities. Any changes must be approved by the City of Portland (WWTP owner) and will require Lake Oswego Development Review and a Conditional Use Permit. Given needed approvals it is anticipated the project will take 2 years and should be online for the commissioning of the floating interceptor line in 2012.

Funded/Unfunded: Unfunded

Estimated Date of Completion: Summer, 2011

Justification: Clean Water Act Compliance, Reduced Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Wastewater	Operating	40	300				340
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$40	\$300	\$-	\$-	\$-	\$340
Expenses	Design	36					36
	Proj. Admin	4	30				34
	Construction		270				270
Expenses Total		\$40	\$300	\$-	\$-	\$-	\$340



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Wastewater	Operating	860	1,000	1,000	1,000	1,000	4,860
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$860	\$1,000	\$1,000	\$1,000	\$1,000	\$4,860
Expenses	Design						-
	Proj. Admin	60	100	100	100	100	460
	Construction	800	900	900	900	900	4,400
Expenses Total		\$860	\$1,000	\$1,000	\$1,000	\$1,000	\$4,860



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

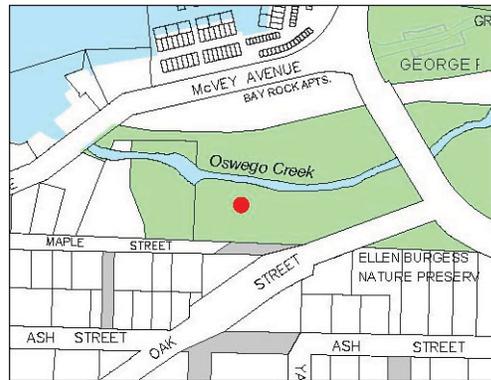
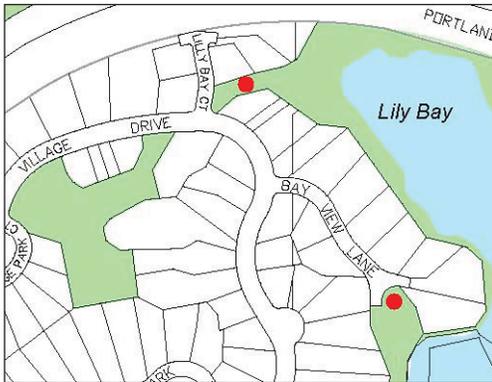
Project Name: Lily Bay View and Maple Street Lift Pump Station Upgrades

Project Description: This project will increase the station's reliability, extend their life, and reduce maintenance costs. The plan includes replacing existing old pumps with submersible pumps.

Funded/Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Recommended by the June 1999, Phase I Evaluation Report for the City's Wastewater Lift Station Rehabilitation Program/Sustainability



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Wastewater	Operating	450					450
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$450	\$-	\$-	\$-	\$-	\$450
Expenses	Design						-
	Proj. Admin	45					45
	Construction	405					405
Expenses Total		\$450	\$-	\$-	\$-	\$-	\$450



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

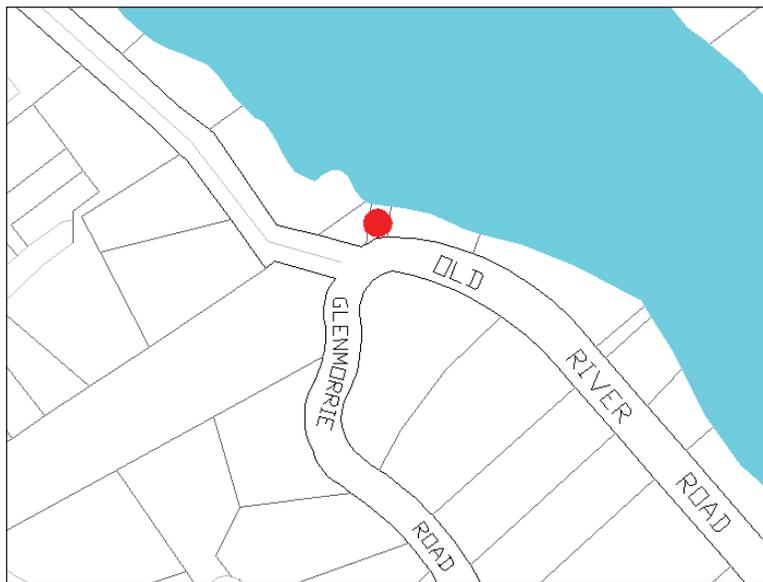
Project Name: Marylhurst Pump Station Upgrades

Project Description: This project will increase the station's reliability, extend its life, and reduce maintenance costs. Earthquake protection measures and cathodic protection will be implemented. The upgrades will include converting the station to submersible pumps.

Funded/Unfunded: Funded

Estimated Date of Completion: 2010

Justification: October 2000, Phase II Evaluation Report for the City's Wastewater Lift Station Rehabilitation Program



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Wastewater	Operating	400					400
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$400	\$-	\$-	\$-	\$-	\$400
Expenses	Design	50					50
	Proj. Admin	40					40
	Construction	310					310
Expenses Total		\$400	\$-	\$-	\$-	\$-	\$400



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

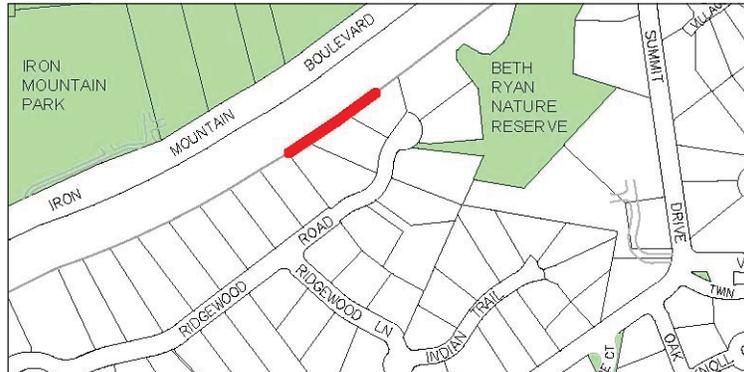
Project Name: Ridgewood Rd. STEP System Removal

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 troublesome aging stations from the City's regular pump station maintenance program. In addition, it would free up crews to do other maintenance duties. The neighborhood has inquired several times about removing the stations.

Funded/Unfunded: Fulnded

Estimated Date of Completion: 2010

Justification: Reduce Overflow Risk From Aging Stations



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Wastewater	Operating	250					250
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$250	\$-	\$-	\$-	\$-	\$250
Expenses	Design	25					25
	Proj. Admin	25					25
	Construction	200					200
Expenses Total		\$250	\$-	\$-	\$-	\$-	\$250



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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: Summer 2010

Justification:



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds	155					155
	Grants						-
Resources Total		\$155	\$-	\$-	\$-	\$-	\$155
Expenses	Design	8					8
	Proj. Admin	3					3
	Construction	144					144
Expenses Total		\$155	\$-	\$-	\$-	\$-	\$155



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

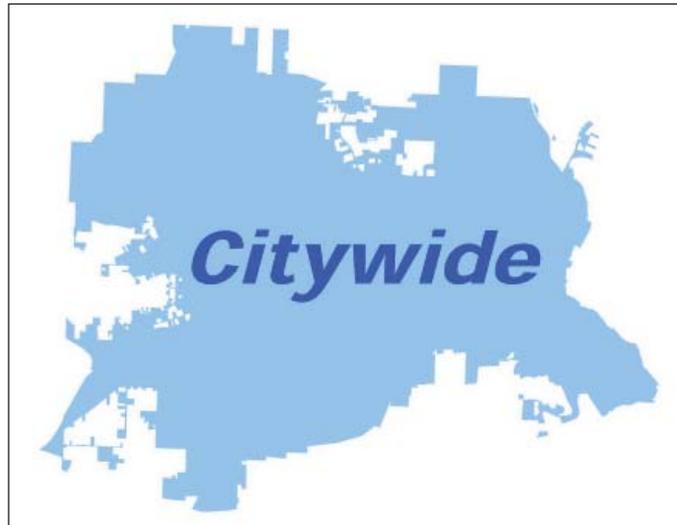
Project Name: Install 38 Backflow Devices

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: Unfunded

Estimated Date of Completion: Fall 2010

Justification: Reduce the Risk of Overflow into Homes



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating		95				95
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$95	\$-	\$-	\$-	\$95
Expenses	Design						-
	Proj. Admin		5				5
	Construction		90				90
Expenses Total		\$-	\$95	\$-	\$-	\$-	\$95



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

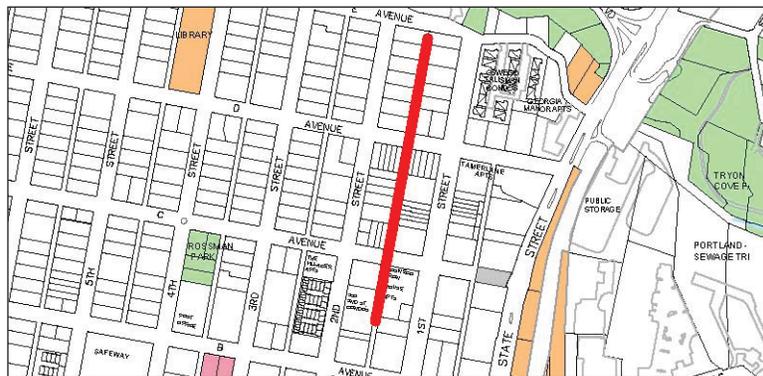
Project Name: Vicinity of First and Second Street Alley Way Wastewater Improvements

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 costs associated with the aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating		314				314
	SDC's						
	Bonds						
	Grants						
Resources Total		\$-	\$314	\$-	\$-	\$-	\$314
Expenses	Design		25				25
	Proj. Admin		50				50
	Construction		239				239
Expenses Total		\$-	\$314	\$-	\$-	\$-	\$314



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

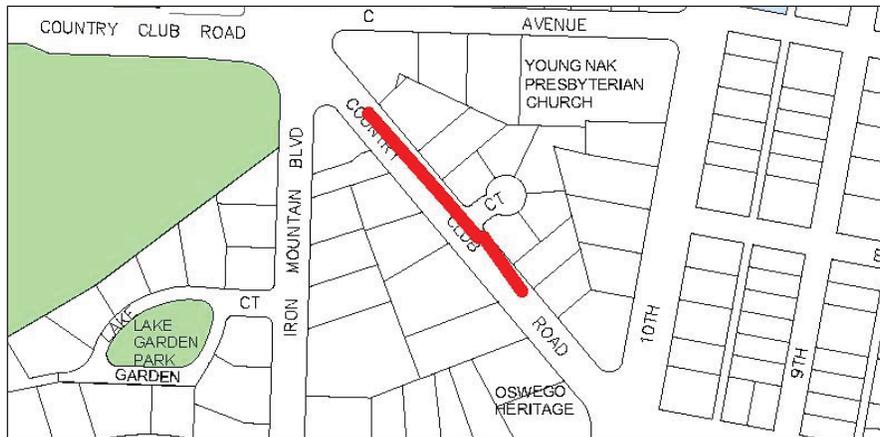
Project Name: Country Club Rd. Wastewater Improvements - Iron Mtn. Blvd. To 10th St.

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 reducing operating and maintenance costs associated with the aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating		550				550
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$550	\$-	\$-	\$-	\$550
Expenses	Design		90				90
	Proj. Admin		55				55
	Construction		405				405
Expenses Total		\$-	\$550	\$-	\$-	\$-	\$550



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

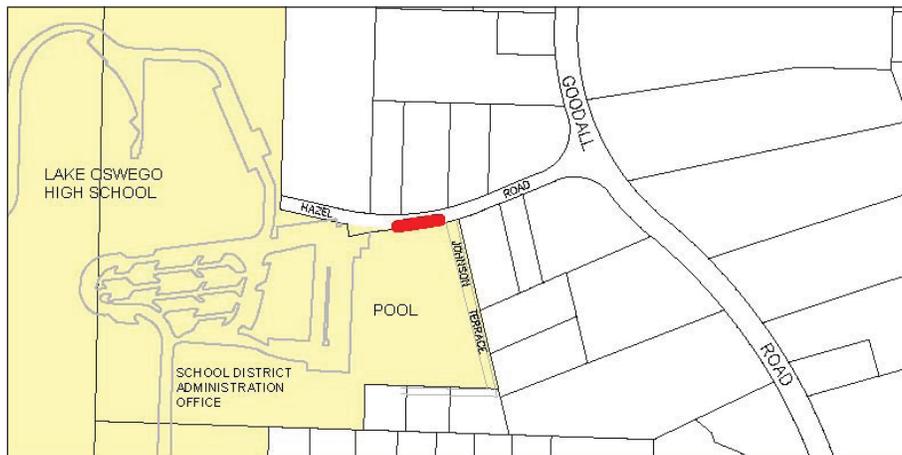
Project Name: Hazel Rd. Wastewater Improvements - Vicinity West of Johnson Ter.

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 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating		10				10
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$10	\$-	\$-	\$-	\$10
Expenses	Design		2				2
	Proj. Admin		1				1
	Construction		7				7
Expenses Total		\$-	\$10	\$-	\$-	\$-	\$10



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Sixth St. Wastewater Improvements

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 the end of their life. This project will help ensure reliable wastewater services 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating				180		180
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$180	\$-	\$180
Expenses	Design				20		20
	Proj. Admin				5		5
	Construction				155		155
Expenses Total		\$-	\$-	\$-	\$180	\$-	\$180



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 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: 2013

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating				210		210
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$210	\$-	\$210
Expenses	Design				20		20
	Proj. Admin				5		5
	Construction				185		185
Expenses Total		\$-	\$-	\$-	\$210	\$-	\$210



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

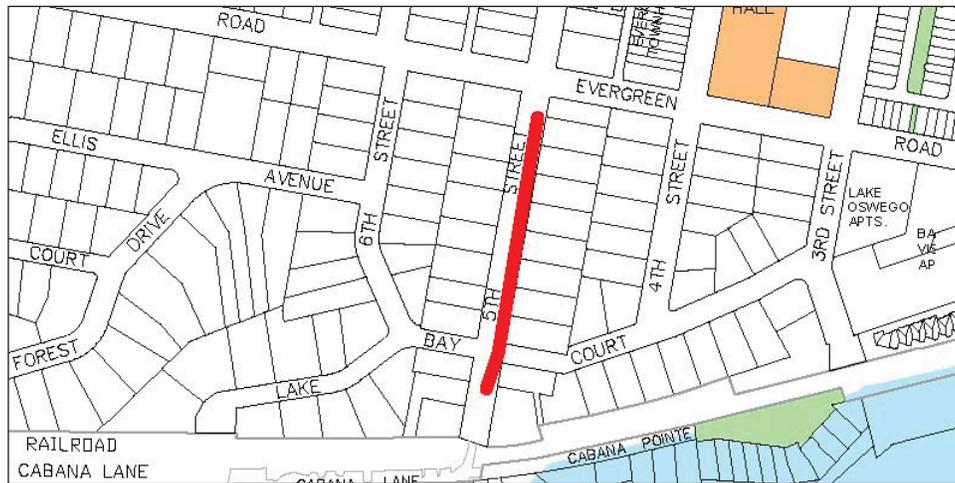
Project Name: Fifth St. Wastewater Improvements - Vicinity of Evergreen and Lake Bay

Project Description: This project will replace approximately 500 ft. of 8-inch sanitary sewer lines along Fifth St. which have reached 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: 2013

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating				320		320
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$320	\$-	\$320
Expenses	Design				20		20
	Proj. Admin				5		5
	Construction				295		295
							-
Expenses Total		\$-	\$-	\$-	\$320	\$-	\$320



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Lake Forest Creek Wastewater Improvements

Project Description: This project will rehabilitate approximately 700 ft. of existing 8-inch sanitary sewer lines that 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating				500		500
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$500	\$-	\$500
Expenses	Design				70		70
	Proj. Admin				5		5
	Construction				425		425
							-
Expenses Total		\$-	\$-	\$-	\$500	\$-	\$500



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

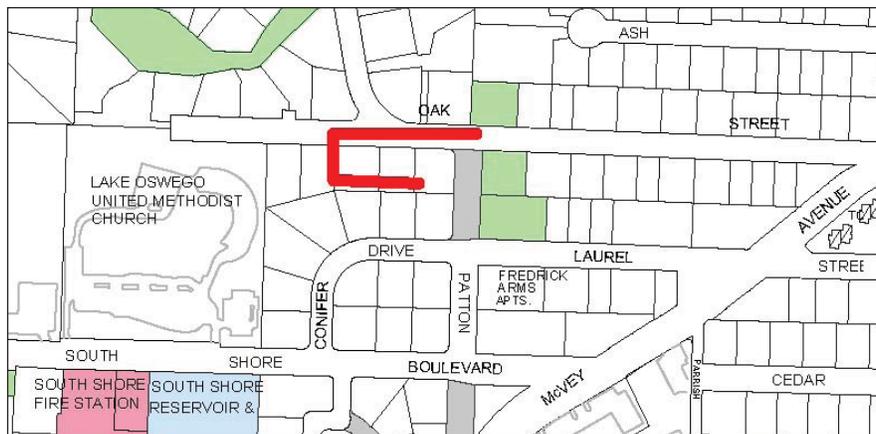
Project Name: Vicinity of Oak and Conifer Backyard Wastewater Improvements

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. The replacement 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 aging collection system infrastructure.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2014

Justification: Sustainability, Continued Service



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating					210	210
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$210	\$210
Expenses	Design					20	20
	Proj. Admin					5	5
	Construction					185	185
Expenses Total		\$-	\$-	\$-	\$-	\$210	\$210



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Lake Shore Blvd. Wastewater Improvements

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 its end of life. This project will help ensure reliable wastewater services to those customers within the vicinity of 1045 Lake Shore Blvd. 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating					52	52
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$52	\$52
Expenses	Design					5	5
	Proj. Admin					3	3
	Construction					44	44
Expenses Total		\$-	\$-	\$-	\$-	\$52	\$52



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating					130	130
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$130	\$130
Expenses	Design					15	15
	Proj. Admin					3	3
	Construction					112	112
							-
Expenses Total		\$-	\$-	\$-	\$-	\$130	\$130



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

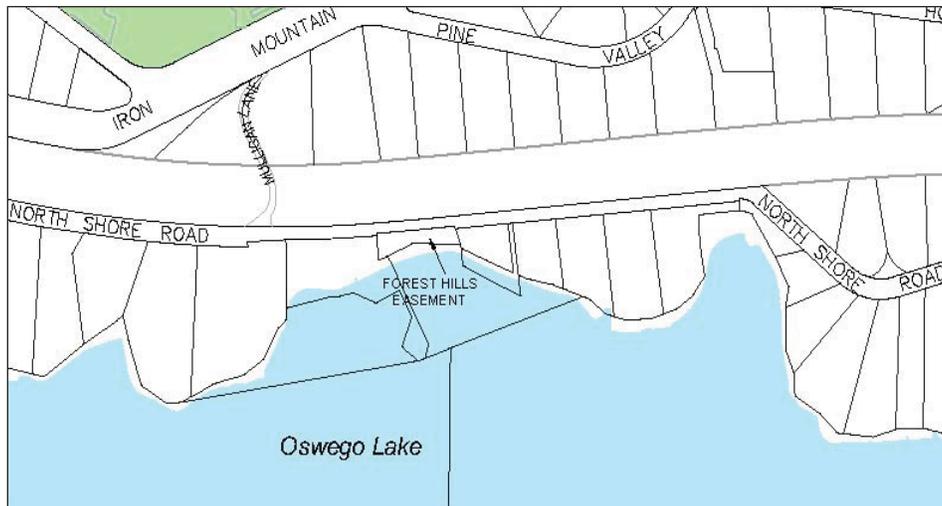
Project Name: North Shore Rd. Wastewater Improvements

Project Description: This project will rehabilitate approximately 215 ft. of existing 8-inch sanitary sewer line (via an “inversion liner”) that have reached its end of life in the vicinity of 1500 North Shore Rd. 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating				50		50
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$50	\$-	\$50
Expenses	Design				5		5
	Proj. Admin				3		3
	Construction				42		42
Expenses Total		\$-	\$-	\$-	\$50	\$-	\$50



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

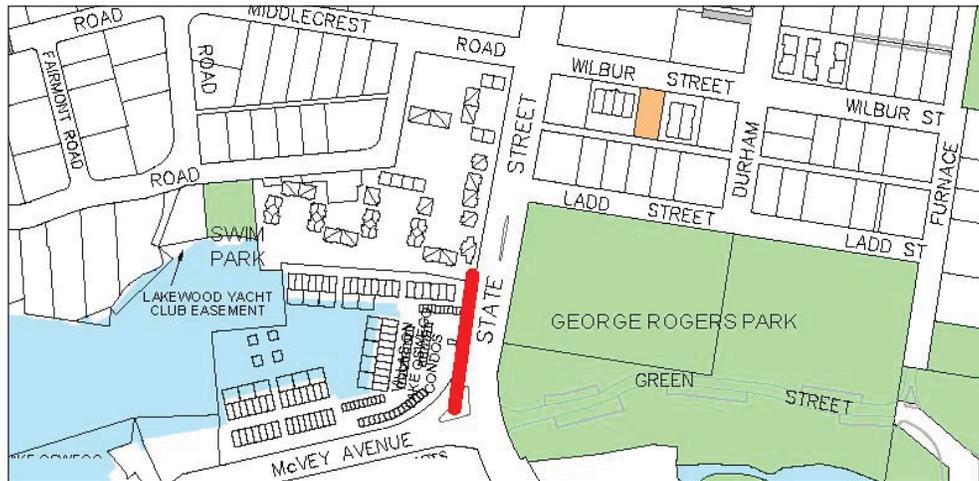
Project Name: State St. Wastewater Improvements

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 in the vicinity of McVey Rd. 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	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Wastewater	Operating	40	300				340
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$40	\$300	\$-	\$-	\$-	\$340
Expenses	Design	36					36
	Proj. Admin	4	30				34
	Construction		270				270
Expenses Total		\$40	\$300	\$-	\$-	\$-	\$340





Project Overview

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.

The existing LOIS system has two major problems.

1. It’s too small – The LOIS system serves an area larger than originally envisioned.
2. 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.
3. 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	\$ 1.5 million
2	Lake Full	Apr. 2009 - Aug. 2010	\$ 43 million
3	Lake Down	Sept. 2009 - Jan. 2010	\$ 46 million
4	Bryant and Foothills Pump Stations	Aug. 2009 - Aug. 2010	\$ 7 million
5	CIPP Main Canal, West Bay, Lakewood Bay	Sept. 2010 - Sept. 2011	\$ 6 million
6	Foothills Sewer Replacement	Aug. 2011 - June 2012	\$ 6 million



**City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
LOIS Project Summary**

LOIS Project	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Lake Oswego Interceptor Sewer Replacement	Bonds	38,425,000	40,000,000	18,000,000	2,000,000		98,425,000
Total		38,425,000	40,000,000	18,000,000	2,000,000		98,425,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

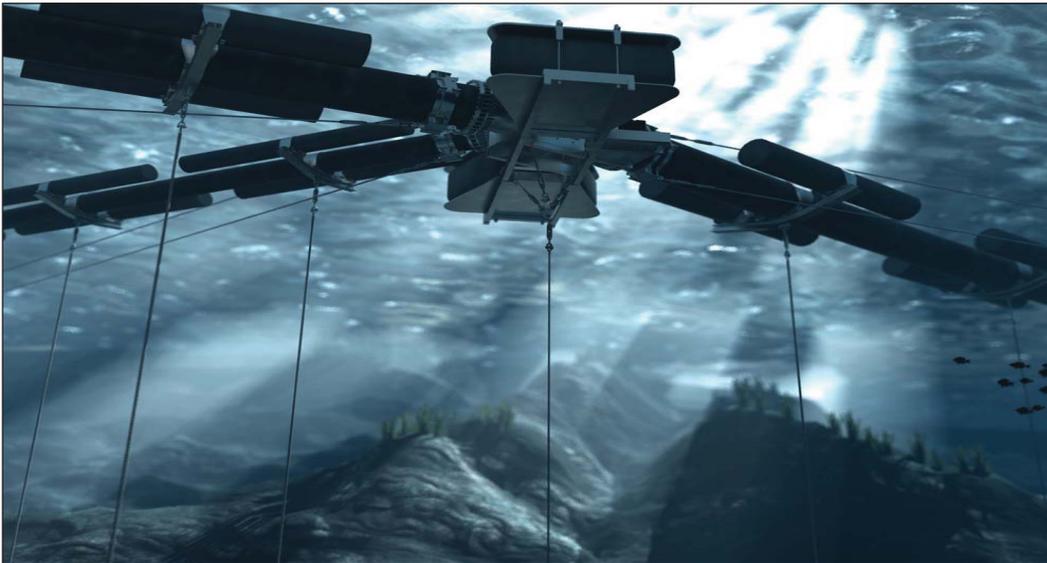
Project Name: Lake Oswego Interceptor Sewer Replacement

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 methods and elevated portions will be seismically hardened.

Funded/Unfunded: Funded

Estimated Date of Completion: October 31, 2012

Justification: Clean Water Act Compliance, Reduced Maintenance



Utilities - LOIS

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds	38,425	40,000	18,000	2,000		98,425
	Grants						-
Resources Total		\$38,425	\$40,000	\$18,000	\$2,000	\$-	\$98,425
Expenses	Design	2,000	1,000	500			3,500
	Proj. Admin	2,000	5,000	1,400	500		8,900
	Construction	34,425	34,000	16,100	1,500		86,025
							-
Expenses Total		\$38,425	\$40,000	\$18,000	\$2,000	\$-	\$98,425



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14

Utilities - LOIS



Facilities / Other





Facilities / Other 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
- 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 year is the first time 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.



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14

Facilities Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
WEB Mechanical Upgrade	Energy Trust/General	269,000					269,000
ACC-Fitness Facilities	Grant	56,000					56,000
Tennis Center - Facility Repairs	Tennis	35,000					35,000
WTP Roof Replacement	Water	100,000					100,000
Repair/Replace Maintenance Serv. Bldg.	Unfunded	700,000					700,000
ACC - Roof			50,000				50,000
ACC - Bathroom Upgrades			53,000				53,000
WEB Elevator Modifications			80,000				80,000
Repair/Replace South Shore Fire Station			260,000	2,600,000			2,860,000
New Police Station and 911 Dispatch			940,000	9,400,000			10,340,000
Luscher Farmhouse and Barn			30,000				30,000
ACC - Woodwork				75,000			75,000
Eastside Park Maintenance Workshop				65,000			65,000
Worker's Cottage Rehabilitation				200,000			200,000
ACC - Oak/Acorn Room Flooring					45,000		45,000
Total		1,160,000	1,413,000	12,340,000	45,000		14,958,000



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
Facilities FY 2009/10 Funded Projects

Funded Facilities Projects	General Fund	Grant	Tennis Fund	Water Fund	TOTAL
WEB Mechanical Upgrades	140,000	129,000			269,000
ACC Fitness Facilities		56,000			56,000
Tennis Center Facility Repairs			35,000		35,000
WTP Roof Repair				100,000	100,000
Total	\$140,000	\$185,000	\$35,000	\$100,000	\$460,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name:	WEB Mechanical Upgrade
Project Description:	Install new water-cooled chiller with variable frequency drive and premium efficiency motors for chilled water and condenser water pumps. Install variable frequency drive and premium efficiency motor for cooling tower fans. Provide demand-based ventilation control system for air handlers. Install condensing boiler. Currently, the WEB is running on one chiller and it is designed to run on two. All other measures have an estimated energy payback of less than ten years.
Funded/Unfunded:	Funded
Estimated Date of Completion:	2010
Justification:	System Upgrade/Meet Council Energy Reduction Goals



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
General Fund	Operating	139					139
	SDC's						-
	Bonds						-
Energy Trust	Grants	129					129
Resources Total		\$268	\$-	\$-	\$-	\$-	\$268
Expenses	Design						-
	Proj. Admin	20					20
	Construction	249					249
Expenses Total		\$269	\$-	\$-	\$-	\$-	\$269



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Adult Community Center - Fitness Facilities

Project Description: Remodel the Paladium and Hobby Rooms to accommodate facilities for expanded health and wellness programming as part of the Adult Community Center's new Brain Wellness initiative.

Funded/Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Adult Community Center Patron Priority/PRAB and 50+ Advisory Board Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
OCF Endowment	Grants	56					56
Resources Total		\$56	\$-	\$-	\$-	\$-	\$56
Expenses	Design	5					5
	Proj. Admin	6					6
	Construction	45					45
Expenses Total		\$56	\$-	\$-	\$-	\$-	\$56



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name:	Indoor Tennis Center Facility Improvements
Project Description:	Resurface the parking lot, replace lobby and bathroom floor and fixtures.
Funded/Unfunded:	Funded
Estimated Date of Completion:	2010
Justification:	Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Tennis	Operating	35					35
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$35	\$-	\$-	\$-	\$-	\$35
Expenses	Design						-
	Proj. Admin	5					5
	Construction	30					30
							-
Expenses Total		\$35	\$-	\$-	\$-	\$-	\$35



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Water Treatment Plant Roof Replacement

Project Description: The roof on the Water Treatment Plant is leaking and is in very poor shape. In January 2008 the roof was patched to eliminate a leak, however it was discovered that the layers of the roofing material had been infiltrated and saturated by water. Inspection has determined that the existing roofing material should be stripped off and new installed. Continued water infiltration could cause additional damage to the building walls and degrade/damage chemicals stored on the third floor of the building.

Unfunded: Funded

Estimated Date of Completion: 2010

Justification: Structural Reliability



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water	Operating	100					100
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$100	\$-	\$-	\$-	\$-	\$100
Expenses	Design						-
	Proj. Admin	3					3
	Construction	97					97
							-
Expenses Total		\$100	\$-	\$-	\$-	\$-	\$100



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Repair/Replace Maintenance Services Building
Project Description: Repair or replace the Maintenance Services Building..

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2010

Justification: City Council Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
General	Operating	700					700
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$700	\$-	\$-	\$-	\$-	\$700
Expenses	Design	630					630
	Proj. Admin	70					70
	Construction						-
							-
Expenses Total		\$700	\$-	\$-	\$-	\$-	\$700



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: WEB Elevator Modifications

Project Description: Rebuild the elevator to make it a high use passenger elevator. The elevator is currently a freight elevator and is not capable of handling high use loads on a consistent basis. Rebuilding the elevator will bring it up to current safety codes.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2010

Justification: Meet Current Needs of the Building



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
General	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		5				5
	Construction		75				75
Expenses Total		\$-	\$80	\$-	\$-	\$-	\$80



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Repair/Replace South Shore Fire Station
Project Description: Repair or replace the South Shore Fire Station.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: City Council Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design		200				200
	Proj. Admin		60	500			560
	Construction			2,100			2,100
Expenses Total		\$-	\$260	\$2,600	\$-	\$-	\$2,860



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: New Police Station and 911 Dispatch
Project Description: Build a new Police Station with 911 Dispatch.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: City Council Goal



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design		890	9,310			10,200
	Proj. Admin		50	90			140
	Construction						-
Expenses Total		\$-	\$940	\$9,400	\$-	\$-	\$10,340



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Adult Community Center Roof Replacement
Project Description: Replace roof at the Adult Community Center.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		6				6
	Construction		44				44
							-
Expenses Total		\$-	\$50	\$-	\$-	\$-	\$50



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Adult Community Center Bathroom Upgrades

Project Description: Modernize the existing Adult Community Center bathrooms to add new flooring, toilet stalls, and paint.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		6				6
	Construction		47				47
Expenses Total		\$-	\$53	\$-	\$-	\$-	\$53



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Luscher Farmhouse and Barn
Project Description: Replace the farmhouse roof. Repaint the house, barn and caretaker dwelling. The roof is leaking a can't be repaired successfully. Painted surfaces on all buildings are peeling.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2011

Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin		5				5
	Construction		25				25
							-
Expenses Total		\$-	\$30	\$-	\$-	\$-	\$30



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Adult Community Center Woodwork
Project Description: Refinish all wainscoting, doors, and moldings in the Adult Community Center. The existing finish is peeling and chipping
Funded/Unfunded: Unfunded
Estimated Date of Completion: 2012
Justification: Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin			5			5
	Construction			70			70
Expenses Total		\$-	\$-	\$75	\$-	\$-	\$75



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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 use either the Golf Course shop or the shop at the Maintenance yard. However, many projects can't be worked on at either of these sites. The space is either too small or the projects can't be left for long periods of time. Funds will be used to replace the roof, insulate the building, install shelving and workbench area.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Facility Upgrade/Staff Efficiency



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin			5			5
	Construction			60			60
Expenses Total		\$-	\$-	\$65	\$-	\$-	\$65



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: **Worker's Cottage Rehabilitation**

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

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2012

Justification: Implements Goals of the Historic Resources Advisory Board



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin			25			25
	Construction			175			175
Expenses Total		\$-	\$-	\$200	\$-	\$-	\$200



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name:	Adult Community Center - Oak/Acorn Room Flooring
Project Description:	Replace wood flooring in Oak and Acorn rooms. The existing flooring can no longer be refinished and needs replacing.
Funded/Unfunded:	Unfunded
Estimated Date of Completion:	2013
Justification:	Periodic Asset Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin				3		3
	Construction				42		42
							-
Expenses Total		\$-	\$-	\$-	\$45	\$-	\$45



City of Lake Oswego Capital Improvement Plan FY 2009/10 - 2013/14

Other Projects	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Plug-In Electric Vehicle Conversions	Grant	73,000					73,000
Neighborhood Capital Improvements	Unfunded	100,000					100,000
LG Village Center Improvements			2,000,000	2,000,000	2,000,000	2,000,000	8,000,000
LG Village Center Parking Improvements						1,000,000	1,000,000
Public Safety Systems Upgrade - Radio				300,000	320,000	1,500,000	2,120,000
Iron Heritage Trail				500,000			500,000
	Total	173,000	2,000,000	2,800,000	2,320,000	4,500,000	11,793,000



City of Lake Oswego
Capital Improvement Plan FY 2009/10 - 2013/14
FY 2009/10 Funded Other Projects Summary

Other Projects	General Fund	State, Fed, Other	Total
Plug-in Electric Vehicle Conversions		73,000	73,000
Total Other Projects		73,000	73,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

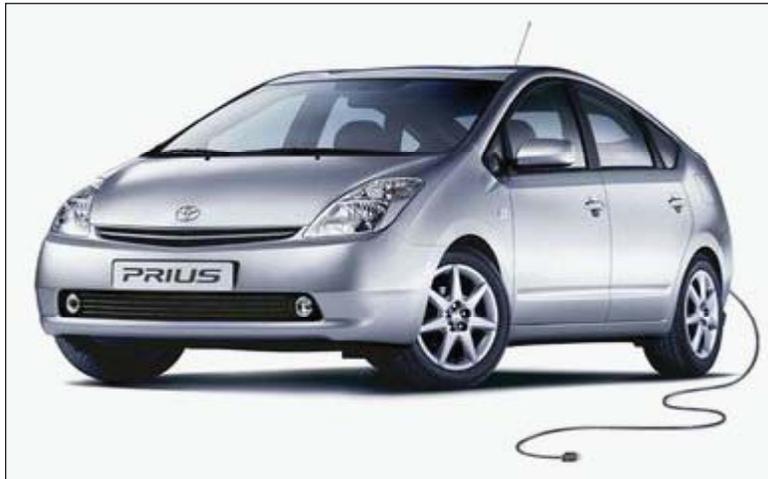
Project Name: Plug-In Electric Vehicle Conversions (5 vehicles)

Project Description: Install City 240V charging stations at City Hall and Maintenance for electric vehicles (one station per vehicle plus one at Maintenance: \$1,000 each); convert one or more Priuses to pug-ins (\$12,000 per vehicle). Converting existing hybrids to pug-ins will boost gas mileage to 70-100 m.p.g. Standard electric vehicles (crash tested and drivable at highway speeds) will be available in 2010, allowing the City to move toward greater sustainability in their fleet. Proposed project includes 5 vehicles but may be scaled back to do fewer vehicles and associated charging stations.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2010

Justification: Sustainability



Other

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants	73					73
Resources Total		\$73	\$-	\$-	\$-	\$-	\$73
Expenses	Design	3					3
	Proj. Admin						-
	Construction	70					70
Expenses Total		\$73	\$-	\$-	\$-	\$-	\$73



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

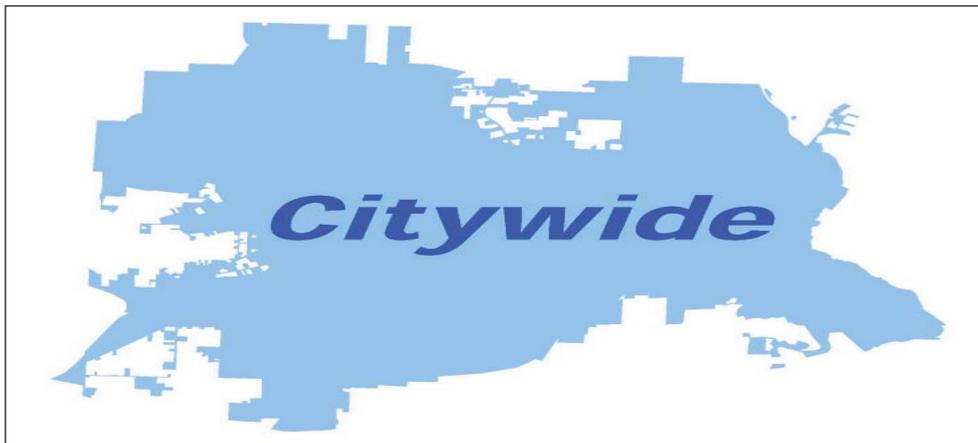
Project Name: Neighborhood Capital Improvements

Project Description: This 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

Unfunded: Unfunded

Estimated Date of Completion: 2010

Justification: Implements Neighborhood Plans



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating	100					100
	SDC's						-
	Bonds						-
	Grants						-
Resources Total			\$-	\$-	\$-	\$-	\$-
Expenses	Design						-
	Proj. Admin	20					20
	Construction	80					80
Expenses Total		\$100	\$-	\$-	\$-	\$-	\$100



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

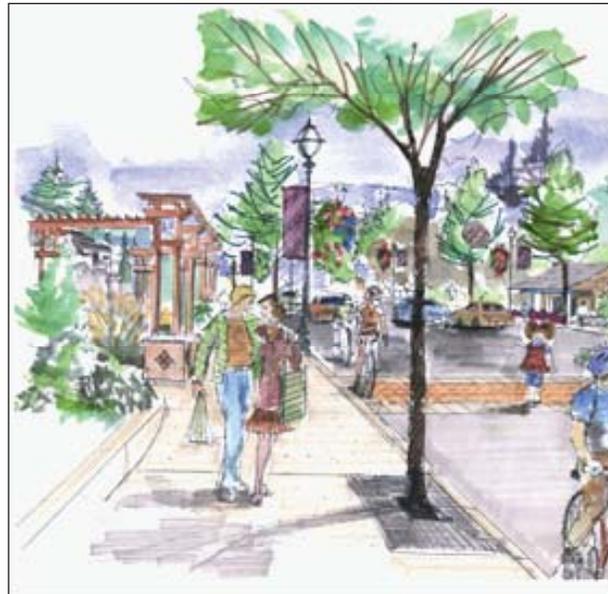
Project Name: Lake Grove Village Center Improvements

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: 2014

Justification: Implements adopted Village Center Plan



Other

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating		2,000	2,000	2,000	2,000	8,000
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000
Expenses	Design		200	200	200	200	800
	Proj. Admin		50	50	50	50	200
	Construction		1,750	1,750	1,750	1,750	7,000
Expenses Total		\$-	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Lake Grove Village Center Parking Improvements

Project Description: The Lake Grove Village Center Plan includes projects 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: 2010

Justification: Esthetics and General Maintenance



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating					1,000	1,000
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$1,000	\$1,000
Expenses	Design					100	100
	Proj. Admin					25	25
	Construction					875	875
Expenses Total		\$-	\$-	\$-	\$-	\$1,000	\$1,000

Other



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

Project Name: Public Safety Systems Upgrade: Radio

Project Description: The 800 MHz public safety radio system infrastructure will be at end of life by 2015 and an end user equipment will be out of date and unusable starting in 2112. This project plans the phased replacement of end user radio equipment and the potential funding necessary to upgrade the infrastructure of the systems a part of stand along system (C800) or as a regional partner.

Funded/Unfunded: Unfunded

Estimated Date of Completion: 2015

Justification: Periodic Update



Other

		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design				20		20
	Proj. Admin			20	20	40	80
	Construction			280	280	1,460	2,020
Expenses Total		\$-	\$-	\$300	\$320	\$1,500	\$2,120



City of Lake Oswego

Capital Improvement Plan FY 2009/10 - 2013/14

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: Unfunded

Estimated Date of Completion: 2012

Justification: Implements Goals of the Historic Resources Advisory Board



		Fiscal Year (\$ in 000's)					
Revenue Source	Description	2009-10	2010-11	2011-12	2012-13	2013-14	Total
	Operating						-
	SDC's						-
	Bonds						-
	Grants						-
Resources Total		\$-	\$-	\$-	\$-	\$-	\$-
Expenses	Design			100			100
	Proj. Admin			50			50
	Construction			350			350
Expenses Total		\$-	\$-	\$500	\$-	\$-	\$500

Other

