

# SIX YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2016-2021





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## Message from the City Manager

**H**aving recently celebrated a century since West Linn's incorporation in 1913, we are reminded that our City is one of the State's oldest communities, first occupied by settlers in the early 1840s. While the deep history and character we share are part of the charm that is West Linn, it also results in high capital needs for aging assets and infrastructure. The City's infrastructure is the foundation of our economy, supporting the fundamental needs of business and supporting a high quality of life for our residents. Capital improvements are one of a City's primary responsibilities and the continued maintenance and investment of the City's assets attracts business and provides health, safety, and recreation benefits for all our citizens.

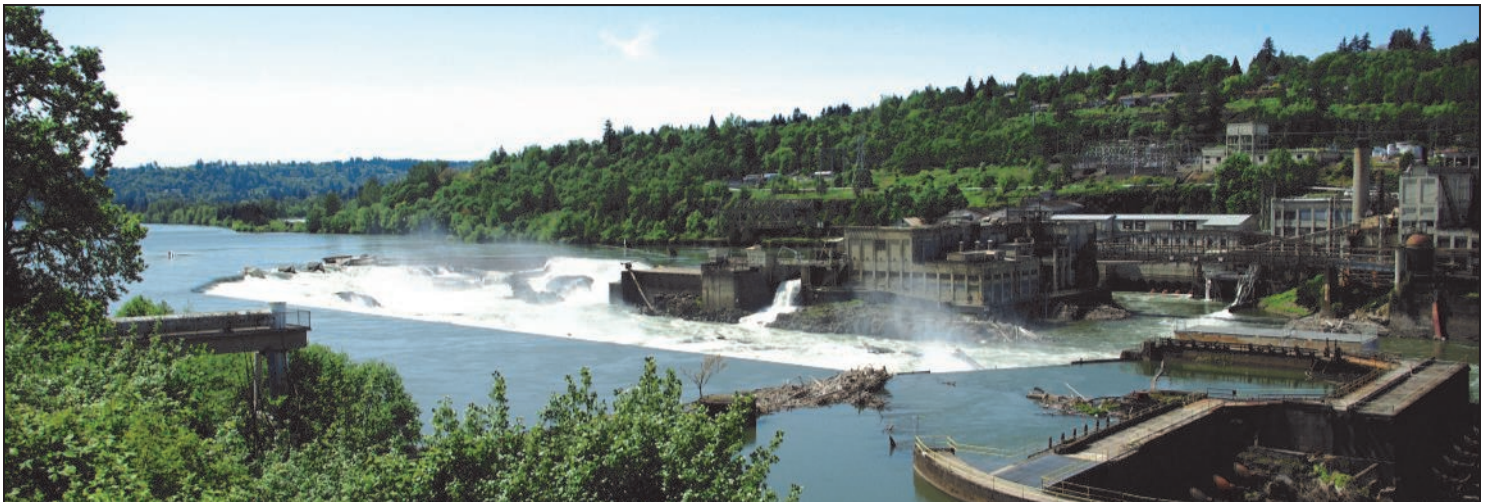
The purpose of the Six-Year Capital Improvement Plan (CIP) is to identify, prioritize, and address community needs through careful long-term strategic planning and balanced public investment in sustaining physical infrastructure. This dynamic planning document links the City's development and fiscal forecasting processes.

The City's infrastructure portfolio is very large with many competing needs. Regrettably, there are never enough financial resources to meet all the identified needs and our City Council is burdened with prioritizing and making difficult investment decisions. A decided effort to focus funding on preservation and maintenance of existing infrastructure has been made in the current biennial budget and this CIP; this is most evident in the replacement of aging water pipes and resurfacing of streets.

City staff strives to continually improve the level of public understanding regarding our public improvement processes and this document is one of many communication tools we hope achieves that goal. We are dedicated to investing in projects that are most essential to our citizens and businesses and to protecting the valued infrastructure in our City.

If you have any questions about this document please feel free to contact Public Works Director/City Engineer Lance Calvert, P.E. at [lcalvert@westlinnoregon.gov](mailto:lcalvert@westlinnoregon.gov), or Chief Financial Officer Richard Seals at [rseals@westlinnoregon.gov](mailto:rseals@westlinnoregon.gov).

Sincerely,  
*Chris Jordan*  
West Linn City Manager



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# How to Use This Document



The Six Year Capital Improvement Plan document provides detailed descriptions about projects organized by fund. Each fund section begins with a summary overview of the function of the fund followed by funding and project information. Summary tables and graphs highlight the major capital projects within each fund. Following the summary section are detailed breakdowns of each project, along with project schedules, cost estimates, and operating budget impacts.

Summary information of all capital projects sorted by fund, funding source, and funding status are included as appendices to this document.

The project title and description explains the details and need for each project.



### Pressure Reducing Valve Projects

Annual pressure reducing valve (PRV) and vault improvements. Many PRV vault stations are underground and submerged underwater, causing corrosion. PRV projects eliminate the ground water from the vaults and improve pressure regulation in problem areas.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees			153,000	23,000	23,000	24,000	223,000
Unfunded	SDCs			29,000	4,000	4,000	5,000	42,000

#### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.

This section indicates whether the project is funded or unfunded, the funding source, and the cost for each scheduled project year.

The outcome of the project on the operating budget of each fund is described in this area.

## Capital Improvement Plan Overview



### Planning

The Capital Improvement Plan (CIP) establishes guidance and planning for West Linn's investments in capital infrastructure for a six-year period of time. At the foundation of the CIP are the City's master plan documents (Parks, Library, Water, Sewer, Storm, Transportation), which are an extension of the City's Comprehensive Plan. These master plans illustrate the long-term needs and goals of each department as defined by community input, advisory groups, expert consultants, and City Staff. Planning Commission and City Council goals, operational (i.e. service delivery) needs, staff capacity, and regulatory requirements further refine and shape the CIP.



### Funding

Projects within the CIP are prioritized and matched with projections of future revenues. Inclusion of a project within this document does not necessarily reflect a budgeted spending commitment, but is the anticipated priority at this snapshot in time based on estimated future revenues. Current revenues are not enough to keep up with all the capital needs of the City and, as such, many projects are shown as unfunded or partially funded in the CIP. Additionally, there are restrictions on many revenue sources in terms of where the funds may be spent.



### Capital

A capital expenditure is defined by the City using the following three criteria: relatively high monetary value (\$10,000 or greater), long asset life (1 or more years useful life), and the project must result in the creation or revitalization of a fixed asset.



### Communication

The CIP is intended as a method of communication with citizens, businesses, advisory groups, the Planning Commission, and City Council. It gives the public the opportunity to see the City's proposed plans for the future and provide feedback to the City Council and City staff. The goal of this Capital Improvement Plan is to provide the maximum sustainable level of priority capital investments to deliver outcomes that are of the highest importance to our citizens and provide for a healthy, safe, active, efficient, and optimized community with excellent livability and quality of life.

## Factors in Evaluating CIP Projects

- |  |  |
|--|--|
| • Master planning documents                  | • Health, safety, and environmental effects            |
| • City Council and Planning Commission goals | • Community economic effects                           |
| • Operational needs                          | • Feasibility, including public support and disruption |
| • Regulatory requirements                    | • Implications of deferring the project                |
| • Fiscal Impacts                             | • Coordination and advantages of joint projects        |



# Summary Information

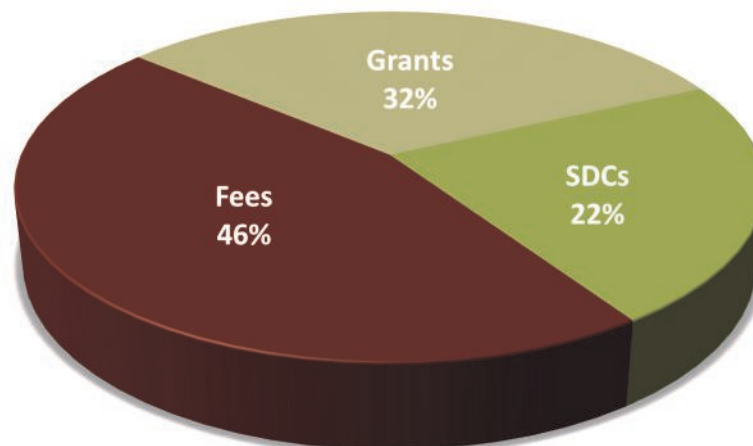
## Funding Summary

Division	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Parks Funded	\$ 2,910,000	\$ 1,066,000	\$ 860,000	\$ 460,000	\$ 460,000	\$ 460,000	\$ 6,216,000
Parks Unfunded	\$ 400,000						\$ 400,000
Library Funded	\$ 16,000	\$ 30,000	\$ 200,000				\$ 246,000
Library Unfunded			\$ 60,000	\$ 90,000			\$ 150,000
General Funded	\$ 25,000	\$ 25,000					\$ 50,000
General Unfunded	\$ 350,000	\$ 3,111,000					\$ 3,461,000
Environmental Funded	\$ 1,783,000	\$ 1,950,000	\$ 1,345,000	\$ 1,550,000	\$ 1,550,000	\$ 1,550,000	\$ 9,728,000
Streets Funded	\$ 2,409,000	\$ 2,100,000	\$ 2,000,000	\$ 1,900,000	\$ 1,600,000	\$ 1,450,000	\$ 11,459,000
Streets Unfunded	\$ 431,000	\$ 190,000	\$ 1,455,000	\$ 1,506,000	\$ 11,660,000	\$ 26,864,000	\$ 42,106,000
Water Funded	\$ 3,967,000	\$ 4,167,000	\$ 2,169,000	\$ 1,350,000	\$ 950,000	\$ 950,000	\$ 13,553,000
Water Unfunded			\$ 6,047,000	\$ 1,401,000	\$ 1,405,000	\$ 1,591,000	\$ 10,443,000
<b>Total</b>	<b>\$ 12,291,000</b>	<b>\$ 12,639,000</b>	<b>\$ 14,136,000</b>	<b>\$ 8,257,000</b>	<b>\$ 17,625,000</b>	<b>\$ 32,865,000</b>	<b>\$ 97,813,000</b>

Funding for capital projects comes from four distinct sources:

- (I) **Fees:** including utility rates, franchise utility fees, state gas tax and vehicle registration fees, interest income, streets/parks fees, and property taxes.
- (II) **Bonds:** debt securities issued to finance capital expenditures with repayment requirements.
- (III) **Grants:** financial award given by state, regional, and federal sources to an eligible grantee.
- (IV) **Systems Development Charges (SDCs):** levied on new development to pay for increased infrastructure needs.

### Capital Project Funding Sources



Graph includes both funded and unfunded projects. No bond projects planned.

# Summary Information

## Capital Expenditure Areas (Fiscal Years 2016-2021)

Expenditure Area	Amount
Parks and Recreation	\$ 6,616,000
Library	\$ 396,000
General	\$ 3,511,000
Environmental Services	\$ 9,728,000
Streets	\$ 53,565,000
Water	\$ 23,997,000
<b>TOTAL</b>	<b>\$ 97,813,000*</b>



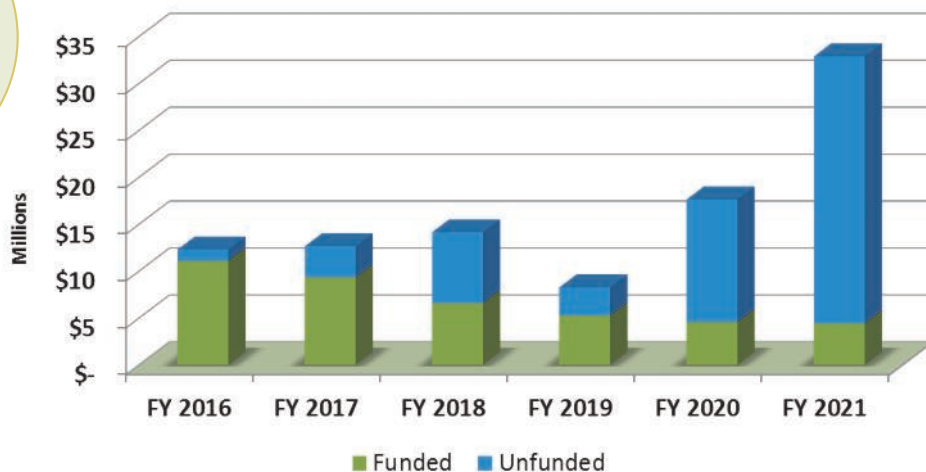
\*Includes both funded and unfunded projects

## Planned Project Spending\*



Projects are included on the CIP list based on identified necessity from adopted master plans, regardless if funds are available to pay for the projects.

## Project Funding





# Multi-Document Transparency

The City of West Linn recognizes that the projects included in the Six Year Capital Improvement Plan represent a significant amount of public monies and it is the City's intention to present this information across several documents to ensure that projects are clearly understood and accounted for in financial forecasts, budgets, capital improvement plans and master plans.

Multi-document transparency means that a capital project necessitated by a master plan will be included in the CIP document and then planned for in the forecast document. Funding for the project will then be included in the budget document and the expense will be recorded in quarterly and annual financial reports.



Streets Fund Summary									
(Amounts in Thousands: \$87 = \$87,000)									
	Actual FY 2012	Actual FY 2013	BN 2015			Budget BN 2015	BN 2017		
			Actual FY 2014	Estimate FY 2015	Total		Proposed Biennial Budget		
							FY 2016	FY 2017	Total
<b>Resources</b>									
Beginning Fund Balance	\$ 1,291	\$ 1,797	\$ 2,215	\$ 2,507	\$ 2,215	\$ 2,067	\$ 2,059	\$ 1,485	\$ 2,059
Intergovernmental - Gas Tax	1,372	1,385	1,451	1,457	2,908	2,842	1,490	1,492	2,982
Fees & Charges - Street Maint Fee	870	904	1,351	1,500	2,851	1,804	1,575	1,600	3,175
Franchise Fees	113	113	116	120	236	248	126	132	258
Miscellaneous	171	163	198	160	358	105	163	166	329
<b>Total Resources</b>	<b>\$ 3,817</b>	<b>\$ 4,362</b>	<b>\$ 5,331</b>	<b>\$ 5,744</b>	<b>\$ 8,568</b>	<b>\$ 7,066</b>	<b>\$ 5,413</b>	<b>\$ 4,875</b>	<b>\$ 8,803</b>
<b>Requirements</b>									
Personnel Services	\$ 490	\$ 514	\$ 519	\$ 530	\$ 1,049	\$ 1,187	\$ 602	\$ 627	\$ 1,229
Materials & Services	433	527	439	462	901	1,024	552	562	1,114
Debt Service - Series 2009	152	152	151	152	303	304	152	152	304
Transfers to Other Funds	529	550	660	683	1,343	1,343	772	845	1,617
<b>Capital Outlay - Street Projects</b>	<b>382</b>	<b>237</b>	<b>1,008</b>	<b>1,730</b>	<b>2,738</b>	<b>1,896</b>	<b>1,834</b>	<b>1,850</b>	<b>3,684</b>
Capital Outlay - Equipment Replacement	34	167	47	128	175	297	16	-	16
	2,020	2,147	2,824	3,685	6,509	6,051	3,928	4,036	7,964
<b>Reserves:</b>									
Contingency	-	-	-	-	-	600	600	600	600
Unappropriated Ending Fund Balance	1,797	2,215	2,507	2,059	2,059	415	885	239	239
	1,797	2,215	2,507	2,059	2,059	1,015	1,485	839	839
<b>Total Requirements</b>	<b>\$ 3,817</b>	<b>\$ 4,362</b>	<b>\$ 5,331</b>	<b>\$ 5,744</b>	<b>\$ 8,568</b>	<b>\$ 7,066</b>	<b>\$ 5,413</b>	<b>\$ 4,875</b>	<b>\$ 8,803</b>
Budgeted Positions (in FTEs)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Monthly Operating Costs per Capita	\$5	\$6	\$6	\$6	\$6	\$6	\$7	\$7	\$7

## Financial Reporting

“Capital Outlay” is reported in financial forecasts, budgets, quarterly reports, and annual reports. This line item corresponds with the annual funded totals shown in this Six Year Capital Improvement Plan (CIP).

The adoption of this CIP document provides the baseline for the capital outlay that will be included in future budget documents for the Citizens’ Budget Committee to review, consider and approve, and for the City Council to formally adopt.



# The Process of a CIP Project

## Question:

How does a project get placed on the Six Year Capital Improvement Plan?

## Answer:

Citizen involvement is the cornerstone of the Six Year Capital Improvement Plan. Projects are vetted through a multi-step process (see below) that includes public comment at several stages to ensure that projects meet the community's needs, in addition to expert analyses during plan development. Funding is not available for projects to begin until it is approved and adopted during the City's biennial budget process, which includes the guidance of the Citizens' Budget Committee, comprised of the City Council and five appointed citizens.





## Overview

West Linn’s Parks and Recreation Department strives to promote a healthy community through safe, attractive, and well-maintained parks, facilities, trails, and open spaces. Life in West Linn is further enhanced by creative and challenging recreation programs and a myriad of enjoyable events throughout the year. The City has more than 600 acres of park land, approximately 150 acres of it is developed. Our parks vary from active-oriented parks with opportunities for sports, picnicking, and playing on playgrounds, to passive-oriented parks with walking, biking, and wildlife-watching possibilities.

### Funding

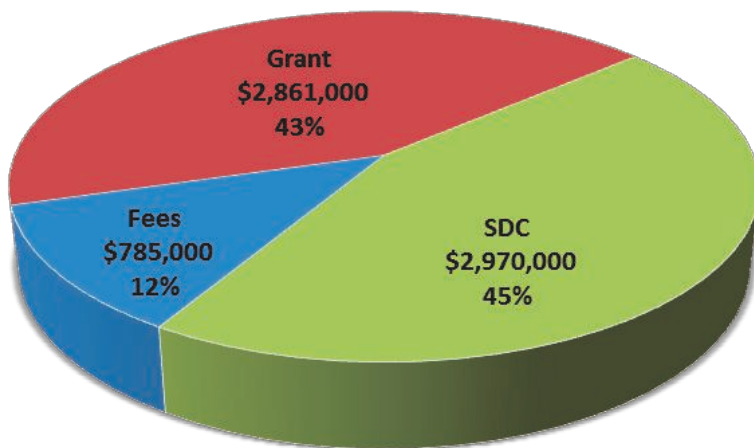
The Parks and Recreation Fund is a special revenue fund used to account for the maintenance and operation of the City’s parks and open spaces, recreation activities, and special events in the community. Principal sources of revenue include an allocation of the City’s permanent property tax rate, a monthly maintenance fee charged to all residents, and program fees.

Parks Systems Development Charges assessed on new development fund new or enhanced park and open space improvements.

Grant opportunities are pursued frequently and a number of projects in this plan are successfully funded by grants, including the Cedaroak Boat Ramp Docks, Cedaroak Boat Ramp Parking Lot Overlay, and Willamette Park Grasscrete. Capital expansion projects are accounted for in the Parks Systems Development Charge (SDC) Fund. Systems development charges are assessed on new development projects, which are used exclusively for system capacity-increasing projects.

### Projects

Capital improvements for the Parks and Recreation Department are based on citizen input, maintenance needs, approved site master plans, the 2013 Trails Master Plan, and the 2007 Parks, Recreation and Open Space Master Plan. The Master Plans address the park, facility, trail, and service needs of the community into the future. Specific projects are vetted through public involvement and the land use process to create individual site master plans.



### Capital Project Funding Sources

The graph at left shows the total amounts and percentages for each funding category. Amounts include only project funding that is forecast as funded.

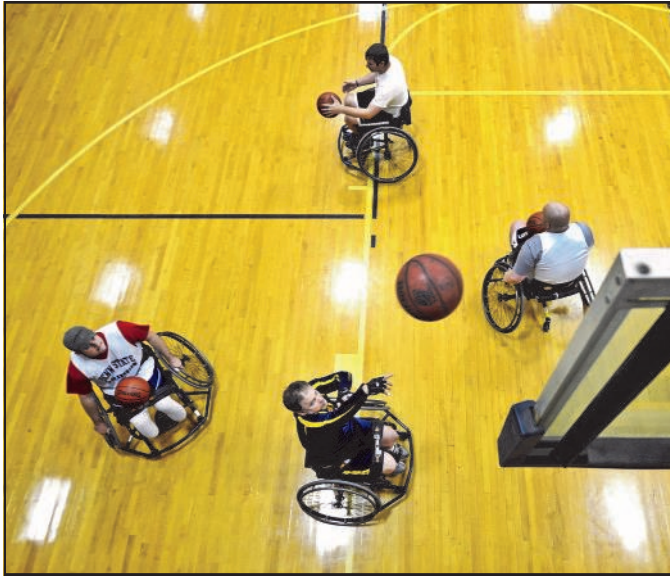
# Capital Projects

## Parks Summary

Page	Project Name	Funded	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Totals
12	Accessibility Upgrades	Y	10,000	10,000	10,000	10,000	10,000	10,000	60,000
12	Adult Community Center Expansion	Y	900,000						900,000
13	Capital Maintenance Projects	Y	50,000	50,000	50,000	50,000	50,000	50,000	300,000
13	CedarOak Boat Ramp Docks	Y	1,500,000						1,500,000
14	CedarOak Boat Ramp 2nd Set of Docks	N	300,000						300,000
14	CedarOak Boat Ramp Parking Overlay	Y			300,000				300,000
15	City-Wide Trail Improvements	N	To be determined						TBD
15	Future Community Park	N	Future Spending						0,000
16	Future Neighborhood Park	N	Future Spending						0,000
16	Future Open Space	N	Future Spending						0,000
17	Future Regional Park - Blue Heron	Y		50,000	50,000	100,000	200,000	200,000	600,000
17	Maddax Woods Park Development	Y	50,000	50,000	50,000				150,000
18	Mary S. Young Circulation/Parking	N	Future Spending						0,000
18	Marylhurst Park Development	Y	100,000	200,000	200,000	200,000			700,000
19	Oak Savanna Improvments	Y	50,000	50,000					100,000
19	Parks Master Plan Update	Y	100,000						100,000
20	Regional Trail System	Y		100,000	100,000	100,000	200,000	200,000	700,000
20	Skyline Ridge Park Restroom	N	75,000						75,000
21	Sunset Park Restrooms & Wading Pool	N	To be determined						0,000
21	Tanner Creek Park	Y	50,000						50,000
22	Westbridge Park Master Plan	N	25,000						25,000
22	Willamette Park Grasscrete	Y		125,000					125,000
23	Willamette River Trail	Y	100,000	431,000	100,000				631,000
<b>Totals</b>			<b>3,310,000</b>	<b>1,066,000</b>	<b>860,000</b>	<b>460,000</b>	<b>460,000</b>	<b>460,000</b>	<b>6,616,000</b>



# Parks Fund



## Accessibility Upgrades

This is an amount of money allocated annually to update and/or provide access in park areas and facilities for those with disabilities, as part of the City's Americans with Disabilities Act (ADA) Transition plan.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	10,000	10,000	10,000	10,000	10,000	10,000	60,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures.



## Adult Community Center Expansion

Currently at 6,140 square feet in size, this project would construct an additional 2,000 to 3,000 square feet of usable space at the Adult Community Center.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	320,000						320,000
Funded	Grant	580,000						580,000

### Operating Budget Impact

The additional square footage will increase maintenance costs by \$11,000. The majority of these additional costs are expected to be covered by fees associated with increased usage.



### Capital Maintenance Projects

Future rehabilitation and replacement projects to park equipment and facilities to extend their service life, with costs in excess of \$10,000 per project.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	50,000	50,000	50,000	50,000	50,000	50,000	300,000

Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures as it is maintenance of existing facilities.



### Cedaroak Boat Ramp Docks

A replacement/rehabilitation project to reconstruct the boat ramp and docks, as the current facility has served its useful life. This project will be funded by State Marine Board grants.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Grant	1,500,000						1,500,000

Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it is maintenance of existing facilities.



## Cedaroak Boat Ramp Parking Overlay

A project to rehabilitate the parking lot at this boat launch and park facility. Funding is provided by a State Marine Board grant.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Grant			300,000				300,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it is maintenance of existing facilities.



## Cedaroak Boat Ramp Second Set of Docks

A project to add another set of docks to this busy water recreation site.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees	300,000						300,000

### Operating Budget Impact

This project will increase operating expenditures for additional park maintenance obligations as it is a facility expansion. Specific costs have not yet been estimated.



## City-Wide Trail Improvements

This project is related to future trail improvements as part of the Trails System Master Plan. Funding is to be determined at a later date.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Bond	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Operating Budget Impact

Some of these projects may increase operating expenditures if they are a facility expansion, others are improvements to existing facilities and will have no impact on the operating budget. Specific costs have not yet been estimated.



## Future Community Park

This project is the addition of a 14.7 acre community park and related improvements as part of the Parks & Recreation Systems Development Charge Methodology and CIP. This project is not expected to be built within the current 6 year CIP window.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	SDCs			Funding forecast beyond current 6 year window				0

Operating Budget Impact

This project will increase operating expenditures for additional park maintenance obligations as it is a facility expansion. Specific costs have not yet been estimated.



## Future Neighborhood Park

This project is the addition of a 3 acre neighborhood park and related improvements as part of the Parks & Recreation Systems Development Charge Methodology and CIP. This project is not expected to be built within the current 6 year CIP window.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	SDCs			Funding forecast beyond current 6 year window				0

### Operating Budget Impact

This project will increase operating expenditures for additional park maintenance obligations as it is a facility expansion. Specific costs have not yet been estimated.



## Future Open Space

This project is the addition of 32.6 acres of open space and related improvements as part of the Parks & Recreation Systems Development Charge Methodology and CIP. This project is not expected to be built within the current 6 year CIP window.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	SDCs			Funding forecast beyond current 6 year window				0

### Operating Budget Impact

This project will increase operating expenditures for additional park maintenance obligations as it is a facility expansion. Specific costs have not yet been estimated.



# Capital Projects



## Future Regional Park - Blue Heron Property

This project is the addition of a regional park and related phased improvements in the Willamette Area on some of the property originally owned by the Blue Heron Paper Mill as part of the Parks & Recreation Systems Development Charge Methodology and CIP. This property is located at the end of 4th St. on the banks of the Willamette River.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs		50,000	50,000	100,000	200,000	200,000	600,000

### Operating Budget Impact

This project will increase operating expenditures for additional park maintenance obligations as it is a facility expansion. Specific costs have not yet been estimated.



## Maddax Woods Park Development

The addition of a small restroom building and other improvements to complete the few remaining projects as part of the approved park site master plan.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	50,000	50,000	50,000				150,000

### Operating Budget Impact

This project will increase operating expenditures by \$2,000 annually for additional maintenance and utility costs.



## Mary S. Young Circulation & Parking

Traffic circulation and parking improvements as part of the approved site master plan. Funding pending grant approval. This project is not expected to be built within the current 6 year CIP window.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Grant			Funding forecast beyond current 6 year window				0

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as facilities are currently being maintained and construction of the parking area will add no additional maintenance area.



## Marylhurst Park Development

Continued improvements to the 8 acre community park in the Marylhurst Neighborhood as recommended in the adopted Parks, Recreation and Open Space Master Plan and approved site plan.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	100,000	200,000	200,000	200,000			700,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures beyond that which is currently occurring.



## Oak Savanna Improvements

Park improvements as recommended in the adopted Parks, Recreation and Open Space Master Plan and approved site master plan.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	50,000	50,000					100,000

Operating Budget Impact

This project is expected to have minimal impact on operating revenues or expenditures beyond that which is currently happening. Volunteer efforts also help to offset maintenance costs.



## Parks Master Plan Update

An update to the Parks, Recreation and Open Space Master Plan adopted in July 2007.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	50,000						50,000
Funded	Fees	50,000						50,000

Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures until identified projects are built.



## Regional Trail System

This project is related to future regional trail improvements as part of the Parks & Recreation Systems Development Charge Methodology and CIP.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs		100,000	100,000	100,000	200,000	200,000	700,000

### Operating Budget Impact

This project will increase operating expenditures for additional park maintenance obligations as it is a facility expansion. Specific costs have not yet been estimated.



## Skyline Ridge Restroom

Addition of a basic restroom facility to Skyline Ridge Park.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees	75,000						75,000

### Operating Budget Impact

This project will increase operating expenditures by approximately \$2,000 annually for maintenance and utility costs.



### Sunset Park Restrooms & Wading Pool

Replacement of a 70-year-old restroom facility at the end of its service life that can no longer meet applicable codes and standards. State Health Department regulations require the updating or replacement of this pool. The pool will be converted to a permanent spray pad. Programming for both projects is on hold pending the Sunset School expansion.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



### Tanner Creek Park

The installation of a small playground as part of the approved park site master plan, this is the last remaining project for the completion of the park.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	50,000						50,000

Operating Budget Impact

This project is expected to have minimal impact on operating revenues or expenditures, as the park already has play equipment.



## Westbridge Park Master Plan

Creation of a master plan for the Westbridge Park area, located on the banks of the Willamette River between the West Linn-Oregon City Arch Bridge and the I-205/Abernathy Bridge.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Grant	25,000						25,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures until identified projects are built.



## Willamette Park Grasscrete Parking

As recommended in the adopted Parks, Recreation and Open Space Master Plan and approved site master plan, this project adds additional permeable-surface overflow parking and water quality improvements.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Grant		125,000					125,000

### Operating Budget Impact

This project is expected to have minimal impact on operating revenues or expenditures, as the parking lot will be within an area already maintained by Parks Staff.



## Willamette River Trail

As recommended in the adopted Parks, Recreation and Open Space Master Plan and the voter approved 1998 Park Bond, this trail segment runs from Willamette Park to the West Linn Paper Company above Willamette Falls, and opens approximately 1.5 miles of riverfront to the public.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	100,000	100,000	100,000				300,000
Funded	Grant		331,000					331,000

Operating Budget Impact

This project will increase operating expenditures for additional park maintenance obligations as it is a facility expansion. Specific costs have not yet been estimated.





## Overview

West Linn’s Public Library is a vibrant and vital part of life in West Linn. Positioned to meet the educational, informational, cultural, and recreational interests of the public, the Library provides free and open access to a wide variety of materials and programs. The Library is a 28,000 square foot facility with two public meeting rooms, a public art gallery, two computer labs and wireless access throughout the building. The Library collection includes print and online resources, including more than 115,500 materials in a wide variety of formats, 172 periodical subscriptions, and 32 databases.

### Funding

Pursuant to a cooperative intergovernmental agreement (IGA) related to formation of the Library District of Clackamas County, the City received a one-time capital contribution from the County of \$1,000,000. Less than \$300,000 of this funding remains due to completion of projects such as the Library parking lot, major roof repairs, and minor remodeling. The goal of this funding is to assist libraries in meeting uniform County-wide service standards. Use of the funds is limited to capital improvements as defined in the IGA.

### Projects

Capital improvements for the Library are based on the West Linn Public Library Strategic Plan, which was created with extensive staff, citizen, Advisory Board, and Council input. Surveys completed as part of the Strategic Plan confirmed that patrons’ highest capital priority was construction of additional parking, completed in 2014. Construction of a mobile technology lab is the Library’s next goal along with continued minor renovations and improvements throughout the Library. A larger building and materials security project is planned for the future, dependent upon County or other funding support.

### Library Summary

Page	Project Name	Funded	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Totals
25	Building & Materials Security	Y			200,000				260,000
25	Building & Materials Security	N			60,000				60,000
25	Building Improvements	Y		30,000					30,000
26	Library Generator	N				90,000			90,000
26	Mobile Technology Lab	Y	16,000						16,000
<b>Totals</b>			<b>16,000</b>	<b>30,000</b>	<b>260,000</b>	<b>90,000</b>	<b>0,000</b>	<b>0,000</b>	<b>396,000</b>



# Capital Projects



## Building & Materials Security

Libraries provide free access to a variety of material types. To be good stewards of the funds spent on materials, it is important to install security measures to prevent loss of our collection. There is also the potential to use Radio Frequency Identification Devices (RFID) to the material to streamline workflow for quicker check out and check in, improving inventorying capabilities, and helping to find lost items on the shelves.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Grant			200,000				200,000
Unfunded	Grant			60,000				60,000

### Operating Budget Impact

Annual maintenance and new materials setup expenditures are expected to be approximately \$5,000.



## Building Improvements

Funds would be used to perform relatively minor remodeling and improvement projects, including network cabling, mechanical, wiring, and upgrades to circulation and other areas.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Grant		30,000					30,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures.



# Library Fund



## Library Generator

A generator will enable the Library to remain open in the event of a power outage, with no interruption in service. The Library could become a location for residents to come for internet access, heating, and lighting in case of a power outage.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Grant				90,000			90,000

### Operating Budget Impact

Annual maintenance of the generator is expected to be approximately \$4,000.



## Mobile Technology Lab

The Library Strategic Plan includes the planning, design, and development of a mobile technology lab. Results from the Library survey expressed high interest in improving technology initiatives at the Library. This project will provide a secured environment to store equipment. Staff will check out equipment and provide training on the many devices made available at the Library. The mobile technology lab will add value to Library programs and services.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Grant	16,000						16,000

### Operating Budget Impact

This project is expected to have minimal impact on operating revenues or expenditures.



Funding for Library project capital upgrades comes from a one-time grant from the County as partners in the Library District of Clackamas County.





## Overview

The General Fund is a governmental fund used to account for the City’s administrative, financial, facilities, communications, public works support services, vehicle maintenance, and municipal court operations. Major remodeling and rehabilitation of aging or unused City facilities are the primary focus of capital projects in this area.

### Funding

Limited funding exists for these specially identified projects and funding is competitive with many other identified City projects and needs. Council and Budget Committee decisions will determine the fate of these and many other projects.

### Projects

Projects in this area are centered around City facility improvements. Many City properties remain unused, underutilized, or simply in need of renovation. A present Council goal is to focus on City properties, resolve their usefulness to our citizens, and surplus and sell those properties that do not fit into the City’s long-term objectives.

### General Fund Summary

Page	Project Name	Funded	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Totals
29	Bolton Station Rehabilitation	N		998,000					998,000
29	City Hall Security/Access	N	250,000						250,000
30	Deferred City Facility Capital Maintenance	N	100,000						100,000
30	Old Police Station Rehabilitation	N		1,388,000					1,388,000
31	Robinwood Station Rehabilitation	N		725,000					725,000
31	Sidewalk Maintenance Incentive Program	Y	25,000	25,000					50,000
<b>Totals</b>			<b>375,000</b>	<b>3,136,000</b>	<b>0,000</b>	<b>0,000</b>	<b>0,000</b>	<b>0,000</b>	<b>3,511,000</b>



## Bolton Station Rehabilitation

The Bolton Fire Station (5,700 SF) has remained vacant for several years since the 2010 completion of the adjacent new Bolton Fire Station 58. This aging building does not meet Americans with Disability Act (ADA) standards, is not seismically stable, and the interior is in poor condition. Cost estimates do not include parking, systems development charges, permits, or off-site improvements.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees		998,000					998,000

### Operating Budget Impact

This project will significantly increase operating expenditures as the building is not currently used. Specific costs have not yet been estimated.



## City Hall Security/Access

Perform remodeling improvements primarily to the public lobby areas in City Hall in order to provide an improved citizen experience and enhanced security features.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees	250,000						250,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures.



# General Fund



## Deferred City Facility Capital Maintenance

A backlog of maintenance projects at City facilities has accumulated over the years. Electrical, HVAC, and other large maintenance and upgrade projects are needed at several City facilities, including the Library, Public Works Operations Building, and City Hall.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees	100,000						100,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



## Old Police Station Rehabilitation

The prior West Linn Police Station (7,400 SF) was built in 1936 and is in need of significant improvements if it is determined that rehabilitation for other community uses is desired. Seismic, code, utility, parking, and safety and health deficiencies exist. Cost estimates do not include parking, systems development charges, permits, or off-site improvements. Any rehabilitation would likely have additional parking and property acquisition expenses not included in costs below.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees		1,388,000					1,388,000

### Operating Budget Impact

This project will significantly increase operating expenditures as the building is not currently used. Specific costs have not yet been estimated.



### Robinwood Station Rehabilitation

Built in 1964, this 2,250 square foot building has been managed, used, and partially maintained by the Friends of Robinwood Station since 2011. It has seismic, insulation, ADA, and code deficiency issues. It is currently undergoing the Planning land use process where additional requirements will be identified. Cost estimates do not include SDCs or permits.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees		725,000					725,000

Operating Budget Impact

This project may increase operating expenditures, however volunteer labor may help offset any increases. Specific costs have not yet been estimated.



### Sidewalk Maintenance Incentive Pilot Program

Institute a pilot program to assist and encourage residents with repair of damaged sidewalks. While City code places responsibility for sidewalk maintenance on the adjacent property owner, the City recognizes that sidewalk maintenance and repair is necessary to protect the health, safety, and welfare of residents and visitors.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	25,000	25,000					50,000

Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



## Overview

West Linn’s Environmental Services Division is responsible for the maintenance and operation of both the waste water and surface water systems. The surface water system includes a network of 44 miles of streams and open ditches, 81 miles of pipelines and culverts, 47 storm water detention and water quality facilities, 1558 manholes, and 2857 catch basins. The waste water system is composed of 115 miles of mainline pipe, 3110 manholes, and 7 pump stations. Both systems require constant maintenance, repair, and upgrading to meet our community’s needs and provide for a healthy City.

### Funding

The Environmental Services Fund is an enterprise fund used to account for the maintenance, operation, and improvement of the City’s waste water and surface water utilities. All waste water and surface water related revenue and expenditures, including maintenance and capital projects, are included in this fund. Surface water and waste water service fees are restricted to use on operations, maintenance, and improvement of these systems. Capital expansion projects are accounted for in their respective Surface Water and Waste Water Systems Development Charge (SDC) Funds. Systems development charges are assessed on new development projects, which are used exclusively for system capacity-increasing projects.

### Projects

Capital improvements for West Linn’s surface and waste water systems are based on citizen input, maintenance needs, the 2006 Surface Water Management Plan, and the 1999 Sanitary Sewer Master Plan. New master plans and project priorities for both waste and surface water are planned in 2016 to account for changing growth and demand within the systems and to better plan for and conform to increasingly strict state and federal regulatory requirements. Specific projects are subject to change based upon needs identified in these new master plans. Projects are further refined by proven maintenance needs and designed and planned in conjunction with other City infrastructure and development projects to reduce costs and provide fewer disruptions to our citizens. Project costs were updated to current values using a national construction cost index and future costs are forecast to increase by a 3% inflationary factor.

The 2016-2021 CIP acknowledges that substantial investments are required to maintain our aging infrastructure and replace or rehabilitate components that are reaching the end of their useful life. Investments to meet growing system demand and capacity needs are also scheduled throughout the next 6 years.

### Environmental Services Summary

Project Name	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Totals
Surface Water Projects	608,000	450,000	400,000	400,000	400,000	400,000	<b>2,658,000</b>
Waste Water Projects	1,175,000	1,500,000	945,000	1,150,000	1,150,000	1,150,000	<b>7,070,000</b>
<b>Total Funded</b>	<b>1,783,000</b>	<b>1,950,000</b>	<b>1,345,000</b>	<b>1,550,000</b>	<b>1,550,000</b>	<b>1,550,000</b>	<b>9,728,000</b>



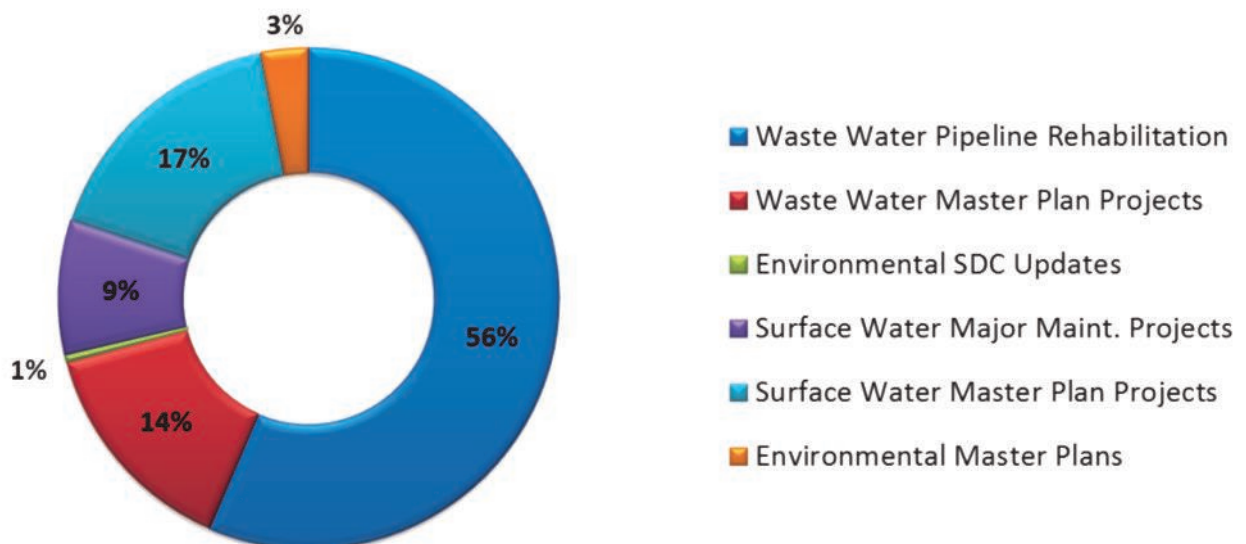
## Waste Water Summary

Page	Project Name	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Totals
34	Waste Water Pipeline Rehabilitation	900,000	900,000	895,000	900,000	950,000	950,000	5,495,000
34	Waste Water Master Plan Projects	100,000	600,000		200,000	200,000	200,000	1,300,000
35	Pump Station Telemetry/Pump Upgrades			50,000	50,000			100,000
35	Waste Water Master Plan	150,000						150,000
35	Waste Water SDC Update	25,000						25,000
<b>Total Funded</b>		<b>1,175,000</b>	<b>1,500,000</b>	<b>945,000</b>	<b>1,150,000</b>	<b>1,150,000</b>	<b>1,150,000</b>	<b>7,070,000</b>

## Surface Water Summary

Page	Project Name	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Totals
36	Surface Water Major Maintenance Projects	345,000	100,000	100,000	100,000	100,000	100,000	845,000
36	Surface Water Master Plan Projects	88,000	350,000	300,000	300,000	300,000	300,000	1,638,000
37	Surface Water Master Plan	150,000						150,000
37	Surface Water SDC Update	25,000						25,000
<b>Total Funded</b>		<b>608,000</b>	<b>450,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>2,658,000</b>

## Environmental Project Spending





# Environmental Fund



## Waste Water Pipeline Rehabilitation

A significant source of sanitary sewer flow is groundwater inflow and infiltration from damaged pipes and deteriorated joints. This annual project repairs these lines, restoring capacity. The majority of this project includes installation of cured in place lining which is pulled from manhole to manhole, then inflated to conform to the diameter of the existing line and cured with heat to provide a structural repair.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	900,000	900,000	895,000	900,000	950,000	950,000	5,495,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



## Waste Water Master Plan Projects

An annual amount to be allocated in order to implement the CIP projects listed in the 1999 Sanitary Sewer Master Plan. Projects will be newly identified and prioritized in the new Master Plan scheduled in 2016.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	100,000	600,000		200,000	200,000	200,000	1,300,000

### Operating Budget Impact

Some of these projects may increase operating expenditures if they are a facility expansion, others are improvements to existing facilities and will have no impact on the operating budget. Specific costs have not yet been estimated.



**Pump Station Telemetry and Pump Upgrades**  
 Updating of aging infrastructure and telemetry monitoring equipment is needed in the 2018/2019 biennium to ensure safe and constant flow in the waste water system and to provide the data necessary to plan for the future and prevent problems before they occur.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees			50,000	50,000			100,000

**Operating Budget Impact**

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



**Waste Water Master Plan and SDC Update**  
 Updating of the Sanitary Sewer Master plan to provide an assessment of the City's sewage waste water distribution system. The Master Plan guides development as well as future City project needs by identifying current deficiencies, future anticipated deficiencies, and recommending improvements to correct deficiencies to provide for system needs. This plan is scheduled to be completed in the same year as the Surface Water Master Plan update.

A systems development charge methodology and fee calculation update based on the updated list of projects provided in the new Master Plan will also be completed.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	100,000						100,000
Funded	Fees	75,000						75,000

**Operating Budget Impact**

This plan is expected to have no impact on operating revenues or expenditures until such time as projects identified in the plan are funded and built.



# Environmental Fund



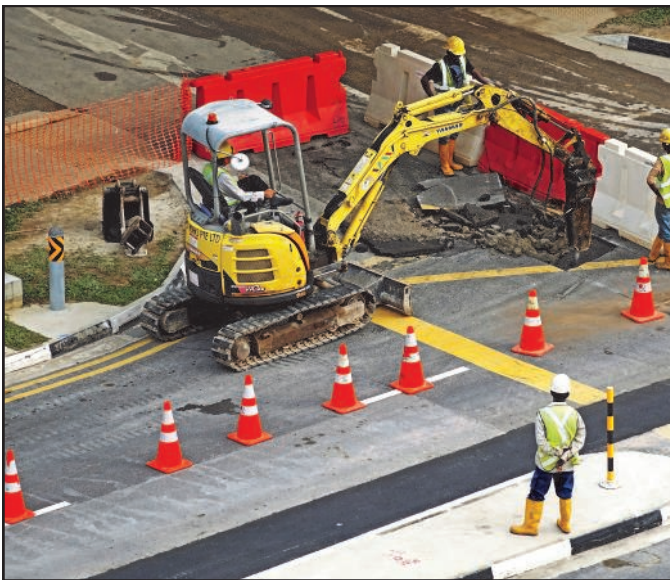
## Surface Water Major Maintenance Projects

Repair and replacement of aging storm drainage pipes and facilities that are deteriorated and require restoration. These projects are often done in collaboration with street capital projects, such as just prior to a planned street overlay, so disruptions are minimized and cost savings are gained through coordination of joint projects.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	345,000	100,000	100,000	100,000	100,000	100,000	845,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



## Surface Water Master Plan Projects

An annual amount to be allocated in order to implement the CIP projects listed in the Surface Water Master Plan. Many of these projects provide capacity improvements. Projects will be newly identified and prioritized in the new Master Plan scheduled in 2016.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	85,000	200,000	250,000	250,000	250,000	250,000	1,285,000
Funded	SDCs	3,000	150,000	50,000	50,000	50,000	50,000	353,000

### Operating Budget Impact

Some of these projects may increase operating expenditures if they are a facility expansion, others are improvements to existing facilities and will have no impact on the operating budget. Specific costs have not yet been estimated.

# Capital Projects



**Surface Water Master Plan and SDC Update**  
 Updating of the Master Plan to provide an assessment of the City’s surface water system. The master plan guides development as well as future City project needs by identifying current deficiencies, future anticipated deficiencies, and recommending improvements to correct deficiencies to provide for system needs. Revising of the Surface Water Master Plan is also needed to better conform to ever changing and increasingly stringent state and federal water quality regulations.

A systems development charge methodology and fee calculation update based on the updated list of projects provided in the new Master Plan will also be completed.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	75,000						75,000
Funded	SDCs	100,000						100,000

Operating Budget Impact

This plan is expected to have no impact on operating revenues or expenditures until such time as projects identified in the plan are funded and built.



Protection of water quality is a guiding principle for our Environmental Services Division. Projects are designed and built to meet high federal, state, and regional environmental standards.





## Overview

West Linn’s Transportation System includes over 215 lane miles of streets, 120 miles of sidewalk, and approximately 700 acres of right-of-way that must be constantly maintained and upgraded to safely and efficiently serve pedestrians, bicyclists, and motor vehicles.

### Funding

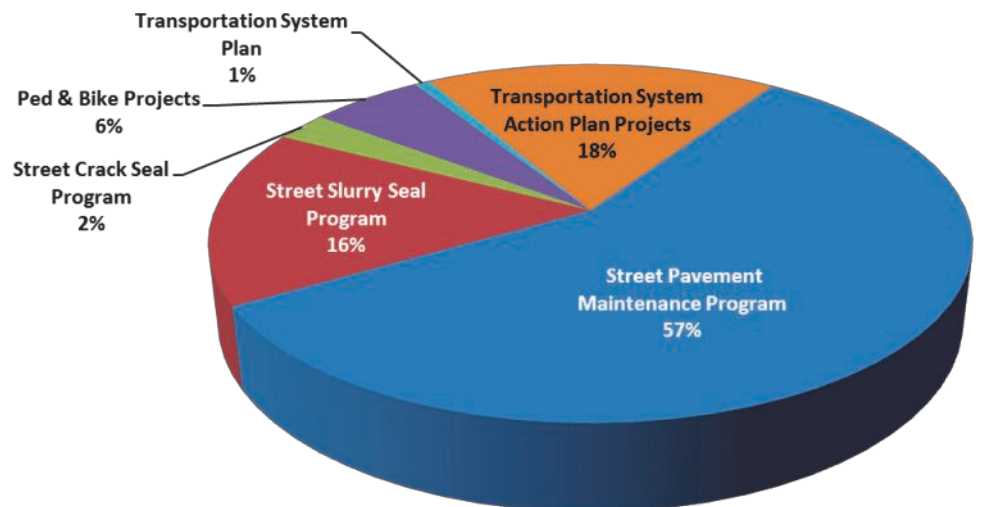
The Street Fund is a special revenue fund used to account for the maintenance and operation of the City’s streets, sidewalks, signage, medians, and rights-of-way. Revenue is received from gas taxes, street maintenance fees, franchise fees, and occasional grant funding. Capital expansion projects are accounted for separately in the Streets Systems Development Charge (SDC) Fund and the Bike and Pedestrian SDC Fund. Systems development charges are assessed on new development projects, which are used exclusively for system capacity-increasing projects.

### Projects

Capital improvements for West Linn’s Street System are based on citizen input, maintenance needs, and the 2008 Transportation System Plan (TSP), a supporting document to the West Linn Comprehensive Plan. However, capital needs as defined in the TSP, far exceed revenue sources. The 2016-2021 CIP places an emphasis in maintenance of existing roadway infrastructure as our goal with these limited resources. A roadway maintenance project budget of roughly \$1.8 million each year is scheduled in the 2017-2017 biennium, focused largely on raising the pavement condition index (PCI) through various reconstructions, resurfacings, slurry and crack seals. Street projects largely drive other infrastructure projects to ensure newly paved streets are not torn up to replace aging piping. A new Transportation Master Plan, currently underway, may significantly alter future projects.

Project costs were updated to current values using a national construction cost index and future costs were forecast to increase by a 3% inflationary factor. Master Plan projects that remain unfunded are shifted out of the current biennium.

Streets Projects Planned as a % of Total Funding



*\*This graph shows only those projects that are identified as funded in the 6 Year CIP.*

Prevention of pavement deterioration to a level such as this, where reconstruction becomes highly expensive, is a primary goal of the Streets Division. Cost effective prioritization and planned roadway maintenance to stretch limited funding is needed well before complete pavement failure.

# Capital Projects

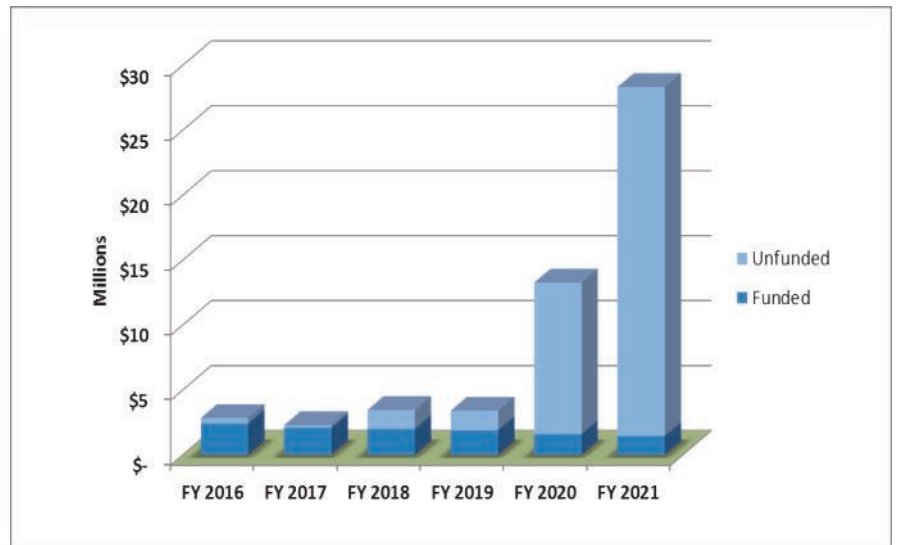
## Streets Summary

Page	Project Name	Funded	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Totals
40	10th St./I-205 Corridor Improvements	N						15,000,000	15,000,000
40	Highway 43 Corridor Improvements	N					10,000,000	10,000,000	20,000,000
41	Pedestrian & Bike Projects	Y	150,000	100,000	100,000	100,000	100,000	100,000	650,000
41	Pedestrian & Bike Projects	N	431,000	190,000	190,000	190,000	190,000	190,000	1,381,000
41	Street Crack Seal Program	Y	50,000	50,000	50,000	50,000	50,000	50,000	300,000
42	Street Pavement Maintenance Program	Y	1,425,000	1,425,000	1,100,000	1,000,000	800,000	800,000	6,550,000
42	Street Slurry Seal Program	Y	309,000	325,000	300,000	300,000	300,000	300,000	1,834,000
43	Transportation System Action Plan Projects	Y	385,000	200,000	450,000	450,000	350,000	200,000	2,035,000
43	Transportation System Action Plan Projects	N			1,265,000	1,316,000	1,470,000	1,674,000	5,725,000
43	Transportation System Plan	Y	90,000						90,000
<b>Totals</b>			<b>2,840,000</b>	<b>2,290,000</b>	<b>3,455,000</b>	<b>3,406,000</b>	<b>13,260,000</b>	<b>28,314,000</b>	<b>53,565,000</b>



Pavement overlays, reconstructions, and maintenance are the primary goal for future Streets projects. Over \$3.5M in street maintenance projects are planned in just the 2016-2017 biennium.

## Funded vs. Unfunded Streets Projects



	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
<b>Funded</b>	2,409,000	2,100,000	2,000,000	1,900,000	1,600,000	1,450,000
<b>Unfunded</b>	431,000	190,000	1,455,000	1,506,000	11,660,000	26,864,000

Note: unfunded Master Plan projects are shifted out of the currently budgeted biennium.



## 10th St./I-205 Corridor Improvements

Provide an interchange corridor construction project at the I-205/10th St. area to provide capacity, efficiency, circulation, safety, and connectivity improvements by means of lane additions, new street connections, new traffic signals, sidewalks, bike lanes, and access management strategies.

The goal is to increase overall mobility between essential destinations for all users, to greatly improve and encourage active pedestrian and bicycle transportation along this major transit route, while optimizing motor vehicle flow.

It is expected that the City would need to contribute a minimum of 20% for this joint State/City project to be competitive in future grant proposals.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	SDCs						3,000,000	3,000,000
Unfunded	Grant						12,000,000	12,000,000

### Operating Budget Impact

This project may increase operating expenditures, since it is a facility expansion. Specific costs and State vs. City maintenance responsibilities have not yet been estimated as the project remains unfunded.



## Highway 43 Corridor Improvements

Major street, sidewalk, and bike lane improvements to the Highway 43 Corridor in West Linn. Enhancements would optimize traffic flow at major intersections while increasing safe pedestrian and bicycle transportation throughout.

It is expected that the City would need to contribute a minimum of 20% for this joint State/City project to be competitive in future grant proposals.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	SDCs					400,000	400,000	800,000
Unfunded	Grant					8,000,000	8,000,000	16,000,000
Unfunded	Fees					1,600,000	1,600,000	3,200,000

### Operating Budget Impact

This project may increase operating expenditures, since it is a facility expansion. Specific costs and State vs. City maintenance responsibilities have not yet been estimated as the project remains unfunded.





## Pedestrian & Bike Projects

Provides funds for various on-street sidewalk and bike improvement projects. The Transportation Advisory Board recently prioritized on-street routes gleaned from the 2013 Trails Master Plan. Specific projects will be further refined following an update to the Transportation System Plan currently underway.

Not all unfunded on-street pedestrian and bike routes are shown as detailed estimates are not available. Unfunded bike and pedestrian “Action Plan” projects are accounted for in the Transportation System Action Plan Projects.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Funded	SDCs	100,000	50,000	50,000	50,000	50,000	50,000	350,000
Unfunded	Fees	431,000	190,000	190,000	190,000	190,000	190,000	1,381,000

### Operating Budget Impact

This project may increase operating expenditures as it is a facility expansion. Specific costs have not been estimated.



## Street Crack Sealing Program

Annual budget for crack sealing roads to extend their useful life and postpone the need for pavement overlay.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	50,000	50,000	50,000	50,000	50,000	50,000	300,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it is maintenance of existing facilities.



# Streets Fund



## Street Pavement Maintenance Program

Annual street repaving and repair projects, including asphalt overlays and street reconstructions. Emphasis on funding this maintenance program is essential to keep the pavement condition of the City's streets at acceptable levels. Street repaving projects guide improvements to underlying aging pipelines to ensure the new pavement remains undisturbed for as long as possible.

Funding of pavement maintenance is done at the highest level that capital funds can support and is the primary focus of the Streets Capital Fund.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	1,425,000	1,425,000	1,100,000	1,000,000	800,000	800,000	6,550,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



## Street Slurry Seal Program

Annual budget for slurry sealing roads to extend their useful life and postpone the need for pavement overlay or reconstruction. Slurry sealing is typically done in conjunction with the annual Street Pavement Maintenance Program.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	309,000	325,000	300,000	300,000	300,000	300,000	1,834,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it improves existing facilities.



## Transportation System Action Plan Projects

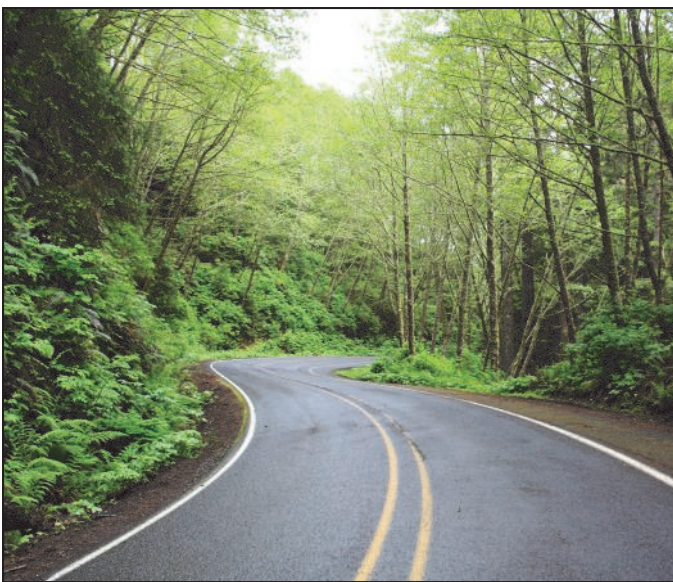
An annual amount to be allocated in order to implement the projects listed in the Transportation System Master Plan as part of the “Action Plan.” This includes only those bike, pedestrian, motor vehicle, and transit projects listed under the “Action Plan” (many other Master Plan projects also exist) with the exception of Highway 43 and I-205/10th St. projects which have been pulled out as a separate CIP projects.

Baseline funding is forecast in this area as capital funding is focused primarily on street maintenance and improving the City’s overall pavement condition index.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	385,000	200,000	450,000	450,000	350,000	200,000	2,035,000
Unfunded	Fees			473,000	487,000	502,000	517,000	1,979,000
Unfunded	SDCs			792,000	829,000	968,000	1,157,000	3,746,000

### Operating Budget Impact

Facility expansion projects will increase operating expenditures, other projects are improvements to existing facilities and will have no impact on the operating budget.



## Transportation System Master Plan

Updating of the Master Plan to provide an assessment of the City’s street system, including pedestrian, bike, motor vehicle, and transit needs. The master plan guides development as well as future City project needs by identifying current deficiencies and future anticipated deficiencies and recommending improvements to correct current deficiencies and provide for future system needs. A portion of the Master Plan has already been completed (in FY15).

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs	90,000						90,000

### Operating Budget Impact

This plan is expected to have no impact on operating revenues or expenditures until such time as projects identified in the plan are funded and built.



## Overview

West Linn’s Water Division owns, operates, and maintains over 119 miles of water distribution and transmission mains, 6 reservoirs with 5.5 million gallons of capacity, 6 pump stations, 978 fire hydrants, 31 pressure reducing stations, and 2258 mainline water valves. Water is drawn from the Clackamas River, treated, and supplied to West Linn by the South Fork Water Board.

### Funding

The Water Fund is an enterprise fund used to account for the maintenance and operation of the City water utility. All water-related revenue and expenditures, including capital projects, are included in this fund. Water service fees are restricted to use on operations, maintenance, and improvement of the water system. Capital expansion projects are accounted for separately in the Water Systems Development Charge (SDC) Fund. Systems development charges are assessed on new development projects, which are used exclusively for system capacity-increasing projects.

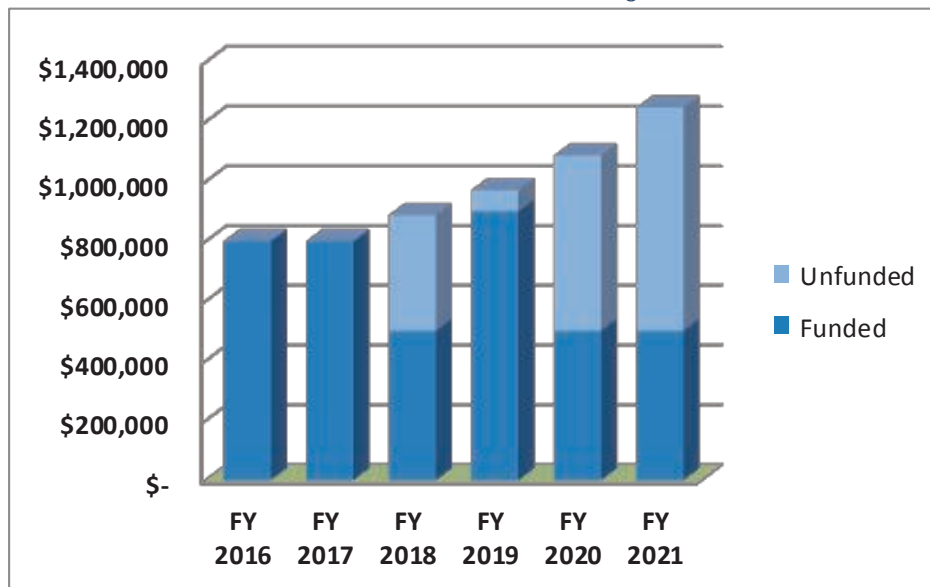
### Projects

Capital improvements for the West Linn Water System are based on citizen input, maintenance needs, and West Linn’s 2008 Water System Master Plan, which is a supporting document to the West Linn Comprehensive Plan and was approved by the Utility Advisory Board, Planning Commission, and City Council. This plan provides an assessment of the City’s water distribution system to identify system deficiencies, determine future water supply requirements and recommend improvements that correct existing system deficiencies and provide for future system needs.

The 2016-2021 CIP acknowledges that substantial investments are required to maintain our aging water infrastructure to a level that provides for a safe, robust, and well-functioning water system. Revenues are not providing for a sustainable level of capital investment to keep up with necessary maintenance and replacement of existing water architecture, let alone provide for needed capital improvement pipe upsizing, supply, and reservoir projects.

Project costs were updated to current values using a national construction cost index and future costs were forecast to increase by a 3% inflationary factor. Any projects that remain unfunded were shifted out of the 2016-2017 biennium.

Annual Deteriorated Line Funding Shortfall



Revenues are not keeping track with the needed level of deferred water main replacement.

Unfunded projects have been shifted out of the current biennium. A bump in deteriorated line spending is scheduled for 2019 when additional funds become available after construction of the Bolton Reservoir .

# Capital Projects

## Water Summary

Page	Project Name	Funded	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Totals
46	Annual Deteriorated Line Replacement	Y	800,000	800,000	500,000	900,000	500,000	500,000	4,000,000
46	Annual Deteriorated Line Replacement	N			387,000	71,000	587,000	747,000	1,792,000
46	Pressure Reducing Valve/Vault Improvements	N			182,000	27,000	27,000	29,000	265,000
47	Reservoir Seismic Assessments and Repairs	N			117,000	134,000	138,000	142,000	531,000
47	Demolish Abandoned View Drive Facilities	N			98,000				98,000
48	Water Telemetry (SCADA) System Upgrade	Y	29,000	29,000					58,000
48	Water Telemetry (SCADA) System Upgrade	N				33,000	35,000	36,000	104,000
48	Bolton Reservoir Replacement	Y	3,138,000	3,338,000	1,669,000				8,145,000
49	Bland Reservoir No. 2	N			163,000	536,000			699,000
49	Water System Improvement Projects	Y				250,000	450,000	450,000	1,150,000
49	Water System Improvement Projects	N			5,100,000	600,000	618,000	637,000	6,955,000
50	Master Plan Update	Y				200,000			200,000
<b>Totals</b>			<b>3,967,000</b>	<b>4,167,000</b>	<b>8,216,000</b>	<b>2,751,000</b>	<b>2,355,000</b>	<b>2,541,000</b>	<b>23,997,000</b>

Note: Listed in order from Water Master Plan summary.



The City is replacing the Bolton Reservoir, built in 1915, with a new 4 million gallon reservoir to address overall system storage deficiencies and meet City needs now and well into the future.

This reservoir is located on Skyline Dr. and is expected to cost \$9M. \$5M from the Lake-Oswego Tigard Partnership has been dedicated to the construction of this project.



# Water Fund



## Deteriorated Water Main Replacement

Annual replacement of aging and deteriorated water mains, primarily those comprised of asbestos cement (AC) and galvanized materials which are prone to failure and corrosion. AC pipe often fails catastrophically, which can trigger more breaks in nearby pipes and cause damage to surrounding property. The City plans to accelerate this program over the 2016-2017 biennium and into the foreseeable future to the maximum level at which Water Fund revenues can support to shore up aging pipes in need of replacement. Funding remains inadequate to keep up with the ever increasing backlog of deteriorating water mains.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	800,000	800,000	500,000	900,000	500,000	500,000	4,000,000
Unfunded	Fees			387,000	71,000	587,000	747,000	1,792,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



## Pressure Reducing Valve Projects

Annual pressure reducing valve (PRV) and vault improvements. Many PRV vault stations are underground and submerged underwater, causing corrosion. PRV projects eliminate the ground water from the vaults and improve pressure regulation in problem areas.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees			153,000	23,000	23,000	24,000	223,000
Unfunded	SDCs			29,000	4,000	4,000	5,000	42,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



## Reservoir Seismic Assessments & Repair

Assessment of existing reservoirs to determine repairs, if any, required to ensure structures are able to withstand a seismic event as determined by engineering standards and building codes.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees			98,000	113,000	116,000	119,000	446,000
Unfunded	SDCs			19,000	21,000	22,000	23,000	85,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it repairs existing facilities.



## Demolish Abandoned View Dr. Site Facilities

Demolition of outdated and abandoned water pumping and reservoir facilities at the corner of View Dr. and Marylhurst Dr.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees			82,000				82,000
Unfunded	SDCs			16,000				16,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it is removal of an existing facility that has already been superseded with new equipment.



# Water Fund



## Water Telemetry Upgrades

Upgrades are needed to the telemetry Supervisory Control and Data Acquisition (SCADA) system to allow for accurate and safe management of the City's complex water system. This includes replacement of the aging master telemetry unit and components at remote sites.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	25,000	25,000					50,000
Funded	SDCs	4,000	4,000					8,000
Unfunded	Fees				28,000	29,000	30,000	87,000
Unfunded	SDCs				5,000	6,000	6,000	17,000

### Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures, as it replaces existing facilities.



## Bolton Reservoir Replacement

The Bolton Reservoir, at 100 years of age, is as old as West Linn itself, and requires replacement and expansion to a capacity of 4 million gallons. Project design began in 2014 and the total cost is estimated at \$9 million. \$5 million in project costs are covered from the Lake Oswego-Tigard Partnership contribution.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	Fees	2,159,000	2,328,000	1,164,000				5,651,000
Funded	SDCs	979,000	1,010,000	505,000				2,494,000

### Operating Budget Impact

This project is expected to reduce operating expenditures as significant funds are spent repairing the aging facility.





## Bland Reservoir #2

Provides additional storage capacity in the Bland Pressure Zone. Additional capacity will provide for zone build out.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Unfunded	Fees			109,000	359,000			468,000
Unfunded	SDCs			54,000	177,000			231,000

### Operating Budget Impact

This project will increase operating expenditures, since it is a new facility. Specific costs have not yet been estimated.



## Water System Improvement Projects

These projects correct existing deficiencies that affect health and safety and provide for growth. The mounting increase in unfunded projects shown in FY 2018 is a result of past scheduled projects from the Water Master Plan that remain incomplete due to a lack of system fee revenue. Funding needs will be reset in 2019 following an update to the Water Master Plan.

Projects here remain largely unfunded as Water funds are primarily allocated to deteriorated water line replacement projects.

Status	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	SDCs				250,000	450,000	450,000	1,150,000
Unfunded	Fees			2,234,000	600,000	618,000	637,000	4,089,000
Unfunded	SDCs			2,866,000				2,866,000

### Operating Budget Impact

Some of these projects may increase operating expenditures if they are a facility expansion, others are improvements to existing facilities and will have no impact on the operating budget. Specific costs have not yet been estimated.



# Water Fund



## Water Master Plan

Updating of the Master Plan to provide an assessment of the City's water distribution system, to identify current system deficiencies, determine future water supply requirements, and recommend improvements that correct existing system deficiencies and provide for future system needs.

<u>Status</u>	<u>Funding Source</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Total</u>
Funded	SDCs				200,000			200,000

### Operating Budget Impact

This plan is expected to have no impact on operating revenues or expenditures until such time as projects identified in the plan are funded and built.



# Capital Projects



Ductile iron pipes are used almost exclusively for all new water pipe in West Linn. This pipe material provides excellent corrosion resistance, structural strength, tight joints and is readily machinable which is needed for tapping and cutting in new installations.

Ductile iron pipes are an industry standard and can be expected to last in excess of 100 years.

Specialized tools, such as hydraulic rock breaking hammers are often needed in West Linn's frequently rocky soils. This photo is on Bland Circle during the construction of a water transmission line from the new Bland Pump Station.



During new pipe installation crews work carefully to make connections in order to avoid improperly installed gaskets. Water pipes are pressure tested to ensure there are no leaks prior to paving. Locating, excavating, and repairing incorrectly installed pipes is expensive and time consuming.



# Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate
Accessibility Upgrades	Parks and Recreation	Fees	Y	\$ 60,000
Adult Community Center Expansion	Parks and Recreation	SDC	Y	\$ 320,000
Adult Community Center Expansion	Parks and Recreation	Grant	Y	\$ 580,000
Capital Maintenance Projects	Parks and Recreation	Fees	Y	\$ 300,000
Cedar oak Boat Ramp Docks	Parks and Recreation	Grant	Y	\$ 1,500,000
Cedar oak Boat Ramp Parking Overlay	Parks and Recreation	Grant	Y	\$ 300,000
Cedar oak Boat Ramp Second Set of Docks	Parks and Recreation	Fees	N	\$ 300,000
City-wide Trail Improvements	Parks and Recreation	Bond	N	\$ 0,000
Future Community Park	Parks and Recreation	SDC	N	\$ 0,000
Future Neighborhood Park	Parks and Recreation	SDC	N	\$ 0,000
Future Open Space	Parks and Recreation	SDC	N	\$ 0,000
Future Regional Park - Blue Heron	Parks and Recreation	SDC	Y	\$ 600,000
Maddax Woods Park Development	Parks and Recreation	SDC	Y	\$ 150,000
Mary S. Young Circulation/Parking	Parks and Recreation	Grant	N	\$ 0,000
Marylhurst Park Development	Parks and Recreation	SDC	Y	\$ 700,000
Oak Savanna Improvements	Parks and Recreation	SDC	Y	\$ 100,000
Parks Master Plan Update	Parks and Recreation	SDC	Y	\$ 50,000
Parks Master Plan Update	Parks and Recreation	Fees	Y	\$ 50,000
Regional Trail System	Parks and Recreation	SDC	Y	\$ 700,000
Skyline Ridge Park Restroom	Parks and Recreation	Fees	N	\$ 75,000
Sunset Park Restroom and Wading Pool Upgrades	Parks and Recreation	Fees	N	\$ 0,000
Tanner Creek Park	Parks and Recreation	SDC	Y	\$ 50,000
Westbridge Park Master Plan	Parks and Recreation	Grant	N	\$ 25,000
Willamette Park Grasscrete	Parks and Recreation	Grant	Y	\$ 125,000
Willamette River Trail	Parks and Recreation	SDC	Y	\$ 300,000
Willamette River Trail	Parks and Recreation	Grant	Y	\$ 331,000
<b>Subtotal Parks and Recreation:</b>				<b>\$ 6,616,000</b>
Building & Materials Security	Library	Grant	Y	\$ 200,000
Building & Materials Security	Library	Grant	N	\$ 60,000
Building Improvements	Library	Grant	Y	\$ 30,000
Library Generator	Library	Grant	N	\$ 90,000
Mobile Technology Lab	Library	Grant	Y	\$ 16,000
<b>Subtotal Library:</b>				<b>\$ 396,000</b>
Bolton Station Rehabilitation	General	Fees	N	\$ 998,000
City Hall Security/Access	General	Fees	N	\$ 250,000
Deferred City Facility Capital Maintenance Projects	General	Fees	N	\$ 100,000
Old Police Station Rehabilitation	General	Fees	N	\$ 1,388,000
Robinwood Station Rehabilitation	General	Fees	N	\$ 725,000
Sidewalk Incentive Maintenance Program	General	Fees	Y	\$ 50,000
<b>Subtotal General:</b>				<b>\$ 3,511,000</b>
Pump Station Telemetry and Pump Upgrades	Environmental Services	Fees	Y	\$ 100,000
Surface Water Major Maintenance Projects	Environmental Services	Fees	Y	\$ 845,000
Surface Water Master Plan	Environmental Services	SDC	Y	\$ 75,000
Surface Water Master Plan	Environmental Services	Fees	Y	\$ 75,000
Surface Water Master Plan Projects	Environmental Services	Fees	Y	\$ 1,285,000
Surface Water Master Plan Projects	Environmental Services	SDC	Y	\$ 353,000
Surface Water SDC Update	Environmental Services	SDC	Y	\$ 25,000
Waste Water Master Plan	Environmental Services	SDC	Y	\$ 75,000
Waste Water Master Plan	Environmental Services	Fees	Y	\$ 75,000
Waste Water Master Plan Projects	Environmental Services	SDC	Y	\$ 1,300,000
Waste Water Pipeline Rehabilitation	Environmental Services	Fees	Y	\$ 5,495,000
Waste Water SDC Update	Environmental Services	SDC	Y	\$ 25,000
<b>Subtotal Environmental:</b>				<b>\$ 9,728,000</b>

# Capital Projects - By Fund

FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ 320,000					
\$ 580,000					
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ 1,500,000					
\$ 300,000		\$ 300,000			
TBD	TBD	TBD	TBD	TBD	TBD
		Forecast beyond current 6 year window			
		Forecast beyond current 6 year window			
		Forecast beyond current 6 year window			
\$ 50,000	\$ 50,000	\$ 50,000	\$ 100,000	\$ 200,000	\$ 200,000
\$ 50,000	\$ 50,000	\$ 50,000			
		Forecast beyond current 6 year window			
\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000		
\$ 50,000	\$ 50,000				
\$ 50,000					
\$ 50,000					
\$ 75,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000
TBD	TBD	TBD	TBD	TBD	TBD
\$ 50,000					
\$ 25,000					
\$ 100,000	\$ 125,000				
	\$ 100,000	\$ 100,000			
	\$ 331,000				
<b>\$ 3,310,000</b>	<b>\$ 1,066,000</b>	<b>\$ 860,000</b>	<b>\$ 460,000</b>	<b>\$ 460,000</b>	<b>\$ 460,000</b>
		\$ 200,000			
		\$ 60,000			
	\$ 30,000				
\$ 16,000			\$ 90,000		
<b>\$ 16,000</b>	<b>\$ 30,000</b>	<b>\$ 260,000</b>	<b>\$ 90,000</b>	<b>\$ 0,000</b>	<b>\$ 0,000</b>
	\$ 998,000				
\$ 250,000					
\$ 100,000					
	\$ 1,388,000				
	\$ 725,000				
\$ 25,000	\$ 25,000				
<b>\$ 375,000</b>	<b>\$ 3,136,000</b>	<b>\$ 0,000</b>	<b>\$ 0,000</b>	<b>\$ 0,000</b>	<b>\$ 0,000</b>
		\$ 50,000	\$ 50,000		
\$ 345,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
\$ 75,000					
\$ 75,000					
\$ 85,000	\$ 200,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
\$ 3,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ 25,000					
\$ 75,000					
\$ 75,000					
\$ 100,000	\$ 600,000		\$ 200,000	\$ 200,000	\$ 200,000
\$ 900,000	\$ 900,000	\$ 895,000	\$ 900,000	\$ 950,000	\$ 950,000
\$ 25,000					
<b>\$ 1,783,000</b>	<b>\$ 1,950,000</b>	<b>\$ 1,345,000</b>	<b>\$ 1,550,000</b>	<b>\$ 1,550,000</b>	<b>\$ 1,550,000</b>

CONTINUED ON NEXT PAGE



# Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate
Street Pavement Maintenance Program	Streets	Fees	Y	\$ 6,550,000
Street Slurry Seal Program	Streets	Fees	Y	\$ 1,834,000
Street Crack Seal Program	Streets	Fees	Y	\$ 300,000
Pedestrian & Bike Projects	Streets	Fees	Y	\$ 300,000
Pedestrian & Bike Projects	Streets	SDC	Y	\$ 350,000
Pedestrian & Bike Projects	Streets	Fees	N	\$ 1,381,000
Transportation System Plan	Streets	SDC	Y	\$ 90,000
Highway 43 Corridor Improvements	Streets	Grant	N	\$ 16,000,000
Highway 43 Corridor Improvements	Streets	Fees	N	\$ 3,200,000
Highway 43 Corridor Improvements	Streets	SDC	N	\$ 800,000
10th St./I-205 Corridor Improvements	Streets	SDC	N	\$ 3,000,000
10th St./I-205 Corridor Improvements	Streets	Grant	N	\$ 12,000,000
Transportation System Action Plan Projects	Streets	SDC	N	\$ 3,746,000
Transportation System Action Plan Projects	Streets	Fees	N	\$ 1,979,000
Transportation System Action Plan Projects	Streets	SDC	Y	\$ 2,035,000
<b>Subtotal Streets:</b>				<b>\$ 53,565,000</b>
Annual Deteriorated Line Replacement	Water	Fees	Y	\$ 4,000,000
Annual Deteriorated Line Replacement	Water	Fees	N	\$ 1,792,000
Bland Reservoir No. 2	Water	SDC	N	\$ 231,000
Bland Reservoir No. 2	Water	Fees	N	\$ 468,000
Bolton Reservoir Replacement	Water	Fees	Y	\$ 5,651,000
Bolton Reservoir Replacement	Water	SDC	Y	\$ 2,494,000
Demolish Abandoned View Drive Site Facilities	Water	Fees	N	\$ 82,000
Demolish Abandoned View Drive Site Facilities	Water	SDC	N	\$ 16,000
Master Plan Update	Water	SDC	Y	\$ 200,000
Pressure Reducing Valve/Vault Improvements	Water	Fees	N	\$ 223,000
Pressure Reducing Valve/Vault Improvements	Water	SDC	N	\$ 42,000
Reservoir Seismic Assessments and Repairs	Water	Fees	N	\$ 446,000
Reservoir Seismic Assessments and Repairs	Water	SDC	N	\$ 85,000
Water System Improvement Projects	Water	SDC	N	\$ 2,866,000
Water System Improvement Projects	Water	Fees	N	\$ 4,089,000
Water System Improvement Projects	Water	SDC	Y	\$ 1,150,000
Water Telemetry (SCADA) System Upgrade	Water	Fees	Y	\$ 50,000
Water Telemetry (SCADA) System Upgrade	Water	SDC	Y	\$ 8,000
Water Telemetry (SCADA) System Upgrade	Water	Fees	N	\$ 87,000
Water Telemetry (SCADA) System Upgrade	Water	SDC	N	\$ 17,000
<b>Subtotal Water:</b>				<b>\$ 23,997,000</b>
<b>TOTAL ALL FUNDS</b>				<b>\$ 97,813,000</b>

# Capital Projects - By Fund

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
	\$ 1,425,000	\$ 1,425,000	\$ 1,100,000	\$ 1,000,000	\$ 800,000	\$ 800,000
	\$ 309,000	\$ 325,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 431,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000
	\$ 90,000					
					\$ 8,000,000	\$ 8,000,000
					\$ 1,600,000	\$ 1,600,000
					\$ 400,000	\$ 400,000
						\$ 3,000,000
						\$ 12,000,000
			\$ 792,000	\$ 829,000	\$ 968,000	\$ 1,157,000
			\$ 473,000	\$ 487,000	\$ 502,000	\$ 517,000
	\$ 385,000	\$ 200,000	\$ 450,000	\$ 450,000	\$ 350,000	\$ 200,000
	<b>\$ 2,840,000</b>	<b>\$ 2,290,000</b>	<b>\$ 3,455,000</b>	<b>\$ 3,406,000</b>	<b>\$ 13,260,000</b>	<b>\$ 28,314,000</b>
	\$ 800,000	\$ 800,000	\$ 500,000	\$ 900,000	\$ 500,000	\$ 500,000
			\$ 387,000	\$ 71,000	\$ 587,000	\$ 747,000
			\$ 54,000	\$ 177,000		
			\$ 109,000	\$ 359,000		
	\$ 2,159,000	\$ 2,328,000	\$ 1,164,000			
	\$ 979,000	\$ 1,010,000	\$ 505,000			
			\$ 82,000			
			\$ 16,000			
				\$ 200,000		
			\$ 153,000	\$ 23,000	\$ 23,000	\$ 24,000
			\$ 29,000	\$ 4,000	\$ 4,000	\$ 5,000
			\$ 98,000	\$ 113,000	\$ 116,000	\$ 119,000
			\$ 19,000	\$ 21,000	\$ 22,000	\$ 23,000
			\$ 2,866,000			
			\$ 2,234,000	\$ 600,000	\$ 618,000	\$ 637,000
				\$ 250,000	\$ 450,000	\$ 450,000
	\$ 25,000	\$ 25,000				
	\$ 4,000	\$ 4,000				
				\$ 28,000	\$ 29,000	\$ 30,000
				\$ 5,000	\$ 6,000	\$ 6,000
	<b>\$ 3,967,000</b>	<b>\$ 4,167,000</b>	<b>\$ 8,216,000</b>	<b>\$ 2,751,000</b>	<b>\$ 2,355,000</b>	<b>\$ 2,541,000</b>
	<b>\$ 12,291,000</b>	<b>\$ 12,639,000</b>	<b>\$ 14,136,000</b>	<b>\$ 8,257,000</b>	<b>\$ 17,625,000</b>	<b>\$ 32,865,000</b>



# Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate
City-wide Trail Improvements	Parks and Recreation	Bond	N	\$ 0,000
<b>Subtotal:</b>				<b>\$ 0,000</b>
Accessibility Upgrades	Parks and Recreation	Fees	Y	\$ 60,000
Annual Deteriorated Line Replacement	Water	Fees	Y	\$ 4,000,000
Annual Deteriorated Line Replacement	Water	Fees	N	\$ 1,792,000
Bland Reservoir No. 2	Water	Fees	N	\$ 468,000
Bolton Reservoir Replacement	Water	Fees	Y	\$ 5,651,000
Bolton Station Rehabilitation	General	Fees	N	\$ 998,000
Capital Maintenance Projects	Parks and Recreation	Fees	Y	\$ 300,000
Cedar oak Boat Ramp Second Set of Docks	Parks and Recreation	Fees	N	\$ 300,000
City Hall Security/Access	General	Fees	N	\$ 250,000
Deferred City Facility Capital Maintenance Projects	General	Fees	N	\$ 100,000
Demolish Abandoned View Drive Site Facilities	Water	Fees	N	\$ 82,000
Highway 43 Corridor Improvements	Streets	Fees	N	\$ 3,200,000
Old Police Station Rehabilitation	General	Fees	N	\$ 1,388,000
Parks Master Plan Update	Parks and Recreation	Fees	Y	\$ 50,000
Pedestrian & Bike Projects	Streets	Fees	Y	\$ 300,000
Pedestrian & Bike Projects	Streets	Fees	N	\$ 1,381,000
Pressure Reducing Valve/Vault Improvements	Water	Fees	N	\$ 223,000
Pump Station Telemetry and Pump Upgrades	Environmental Services	Fees	Y	\$ 100,000
Reservoir Seismic Assessments and Repairs	Water	Fees	N	\$ 446,000
Robinwood Station Rehabilitation	General	Fees	N	\$ 725,000
Sidewalk Maintenance Incentive Program	General	Fees	N	\$ 50,000
Skyline Ridge Park Restroom	Parks and Recreation	Fees	N	\$ 75,000
Street Crack Seal Program	Streets	Fees	Y	\$ 300,000
Street Pavement Maintenance Program	Streets	Fees	Y	\$ 6,550,000
Street Slurry Seal Program	Streets	Fees	Y	\$ 1,834,000
Sunset Park Restroom	Parks and Recreation	Fees	N	\$ 0,000
Sunset Park Wading Pool Upgrades	Parks and Recreation	Fees	N	\$ 0,000
Surface Water Major Maintenance Projects	Environmental Services	Fees	Y	\$ 845,000
Surface Water Master Plan	Environmental Services	Fees	Y	\$ 75,000
Surface Water Master Plan Projects	Environmental Services	Fees	Y	\$ 1,285,000
Transportation System Action Plan Projects	Streets	Fees	N	\$ 1,979,000
Waste Water Master Plan	Environmental Services	Fees	Y	\$ 75,000
Waste Water Pipeline Rehabilitation	Environmental Services	Fees	Y	\$ 5,495,000
Water System Improvement Projects	Water	Fees	N	\$ 4,089,000
Water Telemetry (SCADA) System Upgrade	Water	Fees	Y	\$ 50,000
Water Telemetry (SCADA) System Upgrade	Water	Fees	N	\$ 87,000
<b>Subtotal:</b>				<b>\$ 44,603,000</b>
10th St./I-205 Corridor Improvements	Streets	Grant	N	\$ 12,000,000
Adult Community Center Expansion	Parks and Recreation	Grant	Y	\$ 580,000
Building & Materials Security	Library	Grant	Y	\$ 200,000
Building & Materials Security	Library	Grant	N	\$ 60,000
Building Improvements	Library	Grant	Y	\$ 30,000
Cedar oak Boat Ramp Docks	Parks and Recreation	Grant	Y	\$ 1,500,000
Cedar oak Boat Ramp Parking Overlay	Parks and Recreation	Grant	Y	\$ 300,000
Highway 43 Corridor Improvements	Streets	Grant	N	\$ 16,000,000
Library Generator	Library	Grant	N	\$ 90,000
Mary S. Young Circulation/Parking	Parks and Recreation	Grant	N	\$ 0,000
Mobile Technology Lab	Library	Grant	Y	\$ 16,000
Westbridge Park Master Plan	Parks and Recreation	Grant	N	\$ 25,000
Willamette Park Grasscrete	Parks and Recreation	Grant	Y	\$ 125,000
Willamette River Trail	Parks and Recreation	Grant	Y	\$ 331,000
<b>Subtotal:</b>				<b>\$ 31,257,000</b>



# Capital Projects - By Source

FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
TBD	TBD	TBD	TBD	TBD	TBD
\$ 0,000	\$ 0,000	\$ 0,000	\$ 0,000	\$ 0,000	\$ 0,000
\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ 800,000	\$ 800,000	\$ 500,000	\$ 900,000	\$ 500,000	\$ 500,000
		\$ 387,000	\$ 71,000	\$ 587,000	\$ 747,000
		\$ 109,000	\$ 359,000		
\$ 2,159,000	\$ 2,328,000	\$ 1,164,000			
	\$ 998,000				
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ 300,000					
\$ 250,000					
\$ 100,000					
		\$ 82,000			
				\$ 1,600,000	\$ 1,600,000
	\$ 1,388,000				
\$ 50,000					
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ 431,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000
		\$ 153,000	\$ 23,000	\$ 23,000	\$ 24,000
		\$ 50,000	\$ 50,000		
		\$ 98,000	\$ 113,000	\$ 116,000	\$ 119,000
	\$ 725,000				
\$ 25,000	\$ 25,000				
\$ 75,000					
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ 1,425,000	\$ 1,425,000	\$ 1,100,000	\$ 1,000,000	\$ 800,000	\$ 800,000
\$ 309,000	\$ 325,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD
\$ 345,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
\$ 75,000					
\$ 85,000	\$ 200,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
		\$ 473,000	\$ 487,000	\$ 502,000	\$ 517,000
\$ 75,000					
\$ 900,000	\$ 900,000	\$ 895,000	\$ 900,000	\$ 950,000	\$ 950,000
		\$ 2,234,000	\$ 600,000	\$ 618,000	\$ 637,000
\$ 25,000	\$ 25,000				
			\$ 28,000	\$ 29,000	\$ 30,000
<b>\$ 7,589,000</b>	<b>\$ 9,589,000</b>	<b>\$ 8,245,000</b>	<b>\$ 5,530,000</b>	<b>\$ 6,725,000</b>	<b>\$ 6,924,000</b>
					\$ 12,000,000
\$ 580,000					
		\$ 200,000			
		\$ 60,000			
	\$ 30,000				
\$ 1,500,000					
		\$ 300,000			
				\$ 8,000,000	\$ 8,000,000
			\$ 90,000		
		Forecast beyond current 6 year window			
\$ 16,000					
\$ 25,000					
	\$ 125,000				
	\$ 331,000				
<b>\$ 2,121,000</b>	<b>\$ 486,000</b>	<b>\$ 560,000</b>	<b>\$ 90,000</b>	<b>\$ 8,000,000</b>	<b>\$ 20,000,000</b>

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# Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate
10th St./I-205 Corridor Improvements	Streets	SDC	N	\$ 3,000,000
Adult Community Center Expansion	Parks and Recreation	SDC	Y	\$ 320,000
Bland Reservoir No. 2	Water	SDC	N	\$ 231,000
Bolton Reservoir Replacement	Water	SDC	Y	\$ 2,494,000
Demolish Abandoned View Drive Site Facilities	Water	SDC	N	\$ 16,000
Future Community Park	Parks and Recreation	SDC	N	\$ 0,000
Future Neighborhood Park	Parks and Recreation	SDC	N	\$ 0,000
Future Open Space	Parks and Recreation	SDC	N	\$ 0,000
Future Regional Park - Blue Heron	Parks and Recreation	SDC	Y	\$ 600,000
Highway 43 Corridor Improvements	Streets	SDC	N	\$ 800,000
Maddax Woods Park Development	Parks and Recreation	SDC	Y	\$ 150,000
Marylhurst Park Development	Parks and Recreation	SDC	Y	\$ 700,000
Master Plan Update	Water	SDC	Y	\$ 200,000
Oak Savanna Improvements	Parks and Recreation	SDC	Y	\$ 100,000
Parks Master Plan Update	Parks and Recreation	SDC	Y	\$ 50,000
Pedestrian & Bike Projects	Streets	SDC	Y	\$ 350,000
Pressure Reducing Valve/Vault Improvements	Water	SDC	N	\$ 42,000
Regional Trail System	Parks and Recreation	SDC	Y	\$ 700,000
Reservoir Seismic Assessments and Repairs	Water	SDC	N	\$ 85,000
Surface Water Master Plan	Environmental Services	SDC	Y	\$ 75,000
Surface Water Master Plan Projects	Environmental Services	SDC	Y	\$ 353,000
Surface Water SDC Update	Environmental Services	SDC	Y	\$ 25,000
Tanner Creek Park	Parks and Recreation	SDC	Y	\$ 50,000
Transportation System Action Plan Projects	Streets	SDC	Y	\$ 2,035,000
Transportation System Action Plan Projects	Streets	SDC	N	\$ 3,746,000
Transportation System Plan	Streets	SDC	Y	\$ 90,000
Waste Water Master Plan	Environmental Services	SDC	Y	\$ 75,000
Waste Water Master Plan Projects	Environmental Services	SDC	Y	\$ 1,300,000
Waste Water SDC Update	Environmental Services	SDC	Y	\$ 25,000
Water System Improvement Projects	Water	SDC	Y	\$ 1,150,000
Water System Improvement Projects	Water	SDC	N	\$ 2,866,000
Water Telemetry (SCADA) System Upgrade	Water	SDC	Y	\$ 8,000
Water Telemetry (SCADA) System Upgrade	Water	SDC	N	\$ 17,000
Willamette River Trail	Parks and Recreation	SDC	Y	\$ 300,000
<b>Subtotal:</b>				<b>\$ 21,952,000</b>

<b>TOTAL ALL SOURCES</b>				<b>\$ 97,813,000</b>
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# Capital Projects - By Source

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
						\$ 3,000,000
	\$ 320,000					
			\$ 54,000	\$ 177,000		
	\$ 979,000	\$ 1,010,000	\$ 505,000			
			\$ 16,000			
			Forecast beyond current 6 year window			
			Forecast beyond current 6 year window			
			Forecast beyond current 6 year window			
		\$ 50,000	\$ 50,000	\$ 100,000	\$ 200,000	\$ 200,000
					\$ 400,000	\$ 400,000
	\$ 50,000	\$ 50,000	\$ 50,000			
	\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000		
				\$ 200,000		
	\$ 50,000	\$ 50,000				
	\$ 50,000					
	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
			\$ 29,000	\$ 4,000	\$ 4,000	\$ 5,000
		\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000
			\$ 19,000	\$ 21,000	\$ 22,000	\$ 23,000
	\$ 75,000					
	\$ 3,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 25,000					
	\$ 50,000					
	\$ 385,000	\$ 200,000	\$ 450,000	\$ 450,000	\$ 350,000	\$ 200,000
			\$ 792,000	\$ 829,000	\$ 968,000	\$ 1,157,000
	\$ 90,000					
	\$ 75,000					
	\$ 100,000	\$ 600,000		\$ 200,000	\$ 200,000	\$ 200,000
	\$ 25,000					
				\$ 250,000	\$ 450,000	\$ 450,000
			\$ 2,866,000			
	\$ 4,000	\$ 4,000				
				\$ 5,000	\$ 6,000	\$ 6,000
	\$ 100,000	\$ 100,000	\$ 100,000			
	<b>\$ 2,581,000</b>	<b>\$ 2,564,000</b>	<b>\$ 5,330,000</b>	<b>\$ 2,637,000</b>	<b>\$ 2,900,000</b>	<b>\$ 5,940,000</b>
	<b>\$ 12,291,000</b>	<b>\$ 12,639,000</b>	<b>\$ 14,136,000</b>	<b>\$ 8,257,000</b>	<b>\$ 17,625,000</b>	<b>\$ 32,865,000</b>



# Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate
Accessibility Upgrades	Parks and Recreation	Fees	Y	\$ 60,000
Adult Community Center Expansion	Parks and Recreation	SDC	Y	\$ 320,000
Adult Community Center Expansion	Parks and Recreation	Grant	Y	\$ 580,000
Annual Deteriorated Line Replacement	Water	Fees	Y	\$ 4,000,000
Bolton Reservoir Replacement	Water	Fees	Y	\$ 5,651,000
Bolton Reservoir Replacement	Water	SDC	Y	\$ 2,494,000
Building & Materials Security	Library	Grant	Y	\$ 200,000
Building Improvements	Library	Grant	Y	\$ 30,000
Capital Maintenance Projects	Parks and Recreation	Fees	Y	\$ 300,000
CedarOak Boat Ramp Docks	Parks and Recreation	Grant	Y	\$ 1,500,000
CedarOak Boat Ramp Parking Overlay	Parks and Recreation	Grant	Y	\$ 300,000
Future Regional Park - Blue Heron	Parks and Recreation	SDC	Y	\$ 600,000
Maddax Woods Park Development	Parks and Recreation	SDC	Y	\$ 150,000
Marylhurst Park Development	Parks and Recreation	SDC	Y	\$ 700,000
Master Plan Update	Water	SDC	Y	\$ 200,000
Mobile Technology Lab	Library	Grant	Y	\$ 16,000
Oak Savanna Improvements	Parks and Recreation	SDC	Y	\$ 100,000
Parks Master Plan Update	Parks and Recreation	Fees	Y	\$ 50,000
Parks Master Plan Update	Parks and Recreation	SDC	Y	\$ 50,000
Pedestrian & Bike Projects	Streets	Fees	Y	\$ 300,000
Pedestrian & Bike Projects	Streets	SDC	Y	\$ 350,000
Pump Station Telemetry and Pump Upgrades	Environmental Services	Fees	Y	\$ 100,000
Regional Trail System	Parks and Recreation	SDC	Y	\$ 700,000
Street Crack Seal Program	Streets	Fees	Y	\$ 300,000
Street Pavement Maintenance Program	Streets	Fees	Y	\$ 6,550,000
Street Slurry Seal Program	Streets	Fees	Y	\$ 1,834,000
Surface Water Major Maintenance Projects	Environmental Services	Fees	Y	\$ 845,000
Surface Water Master Plan	Environmental Services	Fees	Y	\$ 75,000
Surface Water Master Plan	Environmental Services	SDC	Y	\$ 75,000
Surface Water Master Plan Projects	Environmental Services	Fees	Y	\$ 1,285,000
Surface Water Master Plan Projects	Environmental Services	SDC	Y	\$ 353,000
Surface Water SDC Update	Environmental Services	SDC	Y	\$ 25,000
Tanner Creek Park	Parks and Recreation	SDC	Y	\$ 50,000
Transportation System Action Plan Projects	Streets	SDC	Y	\$ 2,035,000
Transportation System Plan	Streets	SDC	Y	\$ 90,000
Waste Water Master Plan	Environmental Services	Fees	Y	\$ 75,000
Waste Water Master Plan	Environmental Services	SDC	Y	\$ 75,000
Waste Water Master Plan Projects	Environmental Services	SDC	Y	\$ 1,300,000
Waste Water Pipeline Rehabilitation	Environmental Services	Fees	Y	\$ 5,495,000
Waste Water SDC Update	Environmental Services	SDC	Y	\$ 25,000
Water System Improvement Projects	Water	SDC	Y	\$ 1,150,000
Water Telemetry (SCADA) System Upgrade	Water	Fees	Y	\$ 50,000
Water Telemetry (SCADA) System Upgrade	Water	SDC	Y	\$ 8,000
Willamette Park Grasscrete	Parks and Recreation	Grant	Y	\$ 125,000
Willamette River Trail	Parks and Recreation	Grant	Y	\$ 331,000
Willamette River Trail	Parks and Recreation	SDC	Y	\$ 300,000
<b>TOTAL FUNDED</b>				<b>\$ 41,202,000</b>

# Capital Projects - Funded

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
	\$ 320,000					
	\$ 580,000					
	\$ 800,000	\$ 800,000	\$ 500,000	\$ 900,000	\$ 500,000	\$ 500,000
	\$ 2,159,000	\$ 2,328,000	\$ 1,164,000			
	\$ 979,000	\$ 1,010,000	\$ 505,000			
			\$ 200,000			
		\$ 30,000				
	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 1,500,000					
			\$ 300,000			
		\$ 50,000	\$ 50,000	\$ 100,000	\$ 200,000	\$ 200,000
	\$ 50,000	\$ 50,000	\$ 50,000			
	\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000		
				\$ 200,000		
	\$ 16,000					
	\$ 50,000	\$ 50,000				
	\$ 50,000					
	\$ 50,000					
	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
			\$ 50,000	\$ 50,000		
		\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000
	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 1,425,000	\$ 1,425,000	\$ 1,100,000	\$ 1,000,000	\$ 800,000	\$ 800,000
	\$ 309,000	\$ 325,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
	\$ 345,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
	\$ 75,000					
	\$ 75,000					
	\$ 85,000	\$ 200,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
	\$ 3,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 25,000					
	\$ 50,000					
	\$ 385,000	\$ 200,000	\$ 450,000	\$ 450,000	\$ 350,000	\$ 200,000
	\$ 90,000					
	\$ 75,000					
	\$ 75,000					
	\$ 100,000	\$ 600,000		\$ 200,000	\$ 200,000	\$ 200,000
	\$ 900,000	\$ 900,000	\$ 895,000	\$ 900,000	\$ 950,000	\$ 950,000
	\$ 25,000					
				\$ 250,000	\$ 450,000	\$ 450,000
	\$ 25,000	\$ 25,000				
	\$ 4,000	\$ 4,000				
		\$ 125,000				
		\$ 331,000				
	\$ 100,000	\$ 100,000	\$ 100,000			
	<b>\$ 11,085,000</b>	<b>\$ 9,313,000</b>	<b>\$ 6,574,000</b>	<b>\$ 5,260,000</b>	<b>\$ 4,560,000</b>	<b>\$ 4,410,000</b>

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# Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate
10th St./I-205 Corridor Improvements	Streets	Grant	N	\$ 12,000,000
10th St./I-205 Corridor Improvements	Streets	SDC	N	\$ 3,000,000
Annual Deteriorated Line Replacement	Water	Fees	N	\$ 1,792,000
Bland Reservoir No. 2	Water	Fees	N	\$ 468,000
Bland Reservoir No. 2	Water	SDC	N	\$ 231,000
Bolton Station Rehabilitation	General	Fees	N	\$ 998,000
Building & Materials Security	Library	Grant	N	\$ 60,000
Cedar oak Boat Ramp Second Set of Docks	Parks and Recreation	Fees	N	\$ 300,000
City Hall Security/Access	General	Fees	N	\$ 250,000
City-wide Trail Improvements	Parks and Recreation	Bond	N	\$ 0,000
Deferred City Facility Capital Maintenance Projects	General	Fees	N	\$ 100,000
Demolish Abandoned View Drive Site Facilities	Water	Fees	N	\$ 82,000
Demolish Abandoned View Drive Site Facilities	Water	SDC	N	\$ 16,000
Future Community Park	Parks and Recreation	SDC	N	\$ 0,000
Future Neighborhood Park	Parks and Recreation	SDC	N	\$ 0,000
Future Open Space	Parks and Recreation	SDC	N	\$ 0,000
Highway 43 Corridor Improvements	Streets	Fees	N	\$ 3,200,000
Highway 43 Corridor Improvements	Streets	Grant	N	\$ 16,000,000
Highway 43 Corridor Improvements	Streets	SDC	N	\$ 800,000
Library Generator	Library	Grant	N	\$ 90,000
Mary S. Young Circulation/Parking	Parks and Recreation	Grant	N	\$ 0,000
Old Police Station Rehabilitation	General	Fees	N	\$ 1,388,000
Pedestrian & Bike Projects	Streets	Fees	N	\$ 1,381,000
Pressure Reducing Valve/Vault Improvements	Water	Fees	N	\$ 223,000
Pressure Reducing Valve/Vault Improvements	Water	SDC	N	\$ 42,000
Reservoir Seismic Assessments and Repairs	Water	Fees	N	\$ 446,000
Reservoir Seismic Assessments and Repairs	Water	SDC	N	\$ 85,000
Robinwood Station Rehabilitation	General	Fees	N	\$ 725,000
Sidewalk Maintenance Incentive Program	General	Fees	N	\$ 50,000
Skyline Ridge Park Restroom	Parks and Recreation	Fees	N	\$ 75,000
Sunset Park Restroom	Parks and Recreation	Fees	N	\$ 0,000
Sunset Park Wading Pool Upgrades	Parks and Recreation	Fees	N	\$ 0,000
Transportation System Action Plan Projects	Streets	Fees	N	\$ 1,979,000
Transportation System Action Plan Projects	Streets	SDC	N	\$ 3,746,000
Water System Improvement Projects	Water	Fees	N	\$ 4,089,000
Water System Improvement Projects	Water	SDC	N	\$ 2,866,000
Water Telemetry (SCADA) System Upgrade	Water	Fees	N	\$ 87,000
Water Telemetry (SCADA) System Upgrade	Water	SDC	N	\$ 17,000
Westbridge Park Master Plan	Parks and Recreation	Grant	N	\$ 25,000
<b>TOTAL UNFUNDED</b>				<b>\$ 56,610,000</b>
<b>TOTAL FUNDING</b>				<b>\$ 97,813,000</b>

# Capital Projects - Unfunded

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
						\$ 12,000,000	
						\$ 3,000,000	
			\$ 387,000	\$ 71,000	\$ 587,000	\$ 747,000	
			\$ 109,000	\$ 359,000			
			\$ 54,000	\$ 177,000			
		\$ 998,000					
			\$ 60,000				
	\$ 300,000						
	\$ 250,000						
	TBD	TBD	TBD	TBD	TBD	TBD	
	\$ 100,000						
			\$ 82,000				
			\$ 16,000				
			Forecast beyond current 6 year window				
			Forecast beyond current 6 year window				
			Forecast beyond current 6 year window				
					\$ 1,600,000	\$ 1,600,000	
					\$ 8,000,000	\$ 8,000,000	
					\$ 400,000	\$ 400,000	
				\$ 90,000			
			Forecast beyond current 6 year window				
		\$ 1,388,000					
	\$ 431,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000	
			\$ 153,000	\$ 23,000	\$ 23,000	\$ 24,000	
			\$ 29,000	\$ 4,000	\$ 4,000	\$ 5,000	
			\$ 98,000	\$ 113,000	\$ 116,000	\$ 119,000	
			\$ 19,000	\$ 21,000	\$ 22,000	\$ 23,000	
		\$ 725,000					
	\$ 25,000	\$ 25,000					
	\$ 75,000						
	TBD	TBD	TBD	TBD	TBD	TBD	
	TBD	TBD	TBD	TBD	TBD	TBD	
			\$ 473,000	\$ 487,000	\$ 502,000	\$ 517,000	
			\$ 792,000	\$ 829,000	\$ 968,000	\$ 1,157,000	
			\$ 2,234,000	\$ 600,000	\$ 618,000	\$ 637,000	
			\$ 2,866,000				
				\$ 28,000	\$ 29,000	\$ 30,000	
				\$ 5,000	\$ 6,000	\$ 6,000	
	\$ 25,000						
	\$ 1,206,000	\$ 3,326,000	\$ 7,561,000	\$ 2,997,000	\$ 13,065,000	\$ 28,455,000	
	\$ 12,291,000	\$ 12,639,000	\$ 14,136,000	\$ 8,257,000	\$ 17,625,000	\$ 32,865,000	

# CITY OF West Linn

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FINANCE

## Contact Us

Your West Linn Capital Project Managers:

Public Works Director | Lance Calvert, P.E., [lcalvert@westlinnoregon.gov](mailto:lcalvert@westlinnoregon.gov)

Public Improvement Specialist | Dylan Digby, [ddigby@westlinnoregon.gov](mailto:ddigby@westlinnoregon.gov)

Contact Lance or Dylan with questions about planned water, streets, waste water, and surface water projects.

Parks & Recreation Director | Ken Worcester, [kworcester@westlinnoregon.gov](mailto:kworcester@westlinnoregon.gov)

Contact Ken with questions about planned parks projects.

Chief Financial Officer | Richard Seals, [rseals@westlinnoregon.gov](mailto:rseals@westlinnoregon.gov)

Contact Richard with general questions about City finances, forecasts, budgets, taxes, and debt.



West Linn Sustainability  
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