

CITY OF
**West
Linn**

Six Year Capital Improvement Plan 2018-2023



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Message from the City Manager

The City of West Linn is one of the State's oldest communities, with a history of development prompted by the opportunity to harvest energy from nearby Willamette Falls. Prior to settlement by Oregon pioneers, the area was home to ancestors of Native American tribes who fished the Willamette Falls for Pacific Lamprey, a fish revered not only as a food source, but as a symbol of cultural significance. 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. Capital improvements are one of a City's primary responsibilities and the continued maintenance and investment of the City's assets provides health, safety, and recreation benefits for all our citizens.

The aim of the Six-Year Capital Improvement Plan (CIP) is to clearly communicate the City's current and future infrastructure and facilities needs, and illustrate how the City is budgeting for the significant resources required to meet those needs. The Capital Improvement Plan identifies, prioritizes, and addresses community needs through careful long-term strategic planning and balanced public investment in sustaining physical infrastructure.

The City's infrastructure portfolio is very large and, as demonstrated in this document, the Capital Improvement Plan cannot fully keep up with the rate at which our capital assets are depreciating. Flat or declining revenue sources are being outpaced by demands for service and continually increasing needs. Our City Council is burdened with prioritizing and making difficult investment decisions. A decided effort to continue to focus on funding for preservation and maintenance of existing infrastructure has been made in the current biennial budget and this CIP. Additionally, due to the award of State Transportation Improvement Program (STIP) funds and the Regional Flexible Funds Allocation (RFFA), the City is able to initiate significant infrastructure improvements to the heavily travelled Highway 43 corridor, specifically between the north city limits and Mary S. Young Park.

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, or Finance Director Lauren Breithaupt at lbreithaupt@westlinnoregon.gov.

Sincerely,

Eileen Stein

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

- | | |
|---|---|
| <ul style="list-style-type: none">• Master planning documents• City Council and Planning Commission goals• Operational needs• Regulatory requirements• Fiscal Impacts | <ul style="list-style-type: none">• Health, safety, and environmental effects• Community economic effects• Feasibility, including public support and disruption• Implications of deferring the project• Coordination and advantages of joint projects |
|---|---|



Summary Information

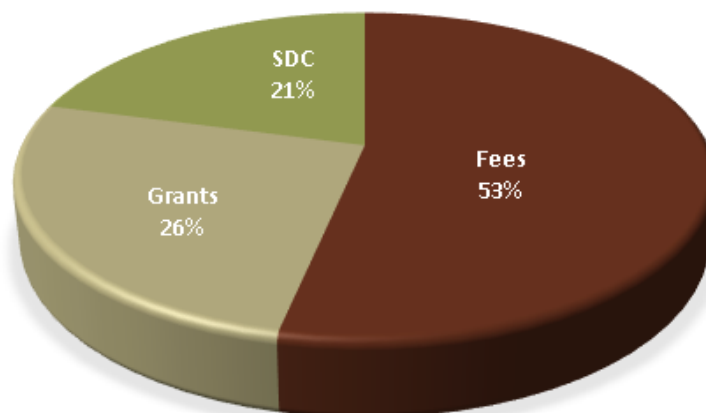
Funding Summary

Division	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Parks Funded	\$1,405,000	\$1,075,000	\$460,000	\$490,000	\$500,000	\$460,000	\$4,390,000
Parks Unfunded						\$2,265,000	\$2,265,000
Library Funded	\$131,000						\$131,000
Library Unfunded						\$90,000	\$90,000
Information Technology Unfunded					\$90,000	\$45,000	\$135,000
General Unfunded			\$100,000	\$100,000	\$1,215,000	\$11,985,000	\$13,400,000
Environmental Funded	\$2,865,000	\$1,650,000	\$1,512,000	\$1,231,000	\$1,600,000	\$1,600,000	\$10,458,000
Streets Funded	\$4,380,000	\$2,980,000	\$2,900,000	\$1,500,000	\$1,450,000	\$1,450,000	\$14,660,000
Streets Unfunded			\$500,000	\$500,000	\$500,000	\$36,670,000	\$38,170,000
Water Funded	\$2,150,000	\$700,000	\$818,000	\$1,000,000	\$1,200,000	\$1,200,000	\$7,068,000
Water Unfunded			\$552,000	\$573,000	\$377,000	\$7,467,000	\$8,969,000
Total	\$10,931,000	\$6,405,000	\$6,842,000	\$5,394,000	\$6,932,000	\$63,232,000	\$99,736,000

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.

Summary Information

Capital Expenditure Areas (Fiscal Years 2018-2023)

Expenditure Area	Amount
Parks and Recreation	\$ 6,655,000
Library	\$ 221,000
Information Technology	\$ 135,000
General	\$ 13,400,000
Environmental Services	\$ 10,458,000
Streets	\$ 52,830,000
Water	\$ 16,037,000
TOTAL	\$ 99,736,000*

*Includes both funded and unfunded projects

Planned Project Spending*



Streets 53%



Water 16%



Environmental 10%



Parks 7%



General 13%



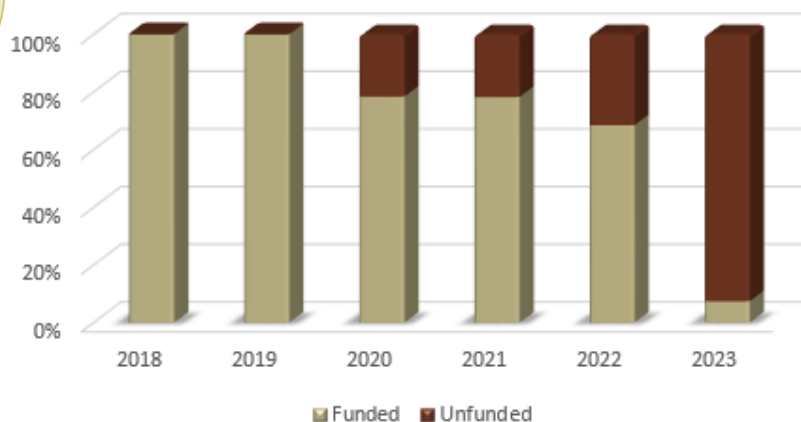
Library < 1%



IT < 1%

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

Project Funding

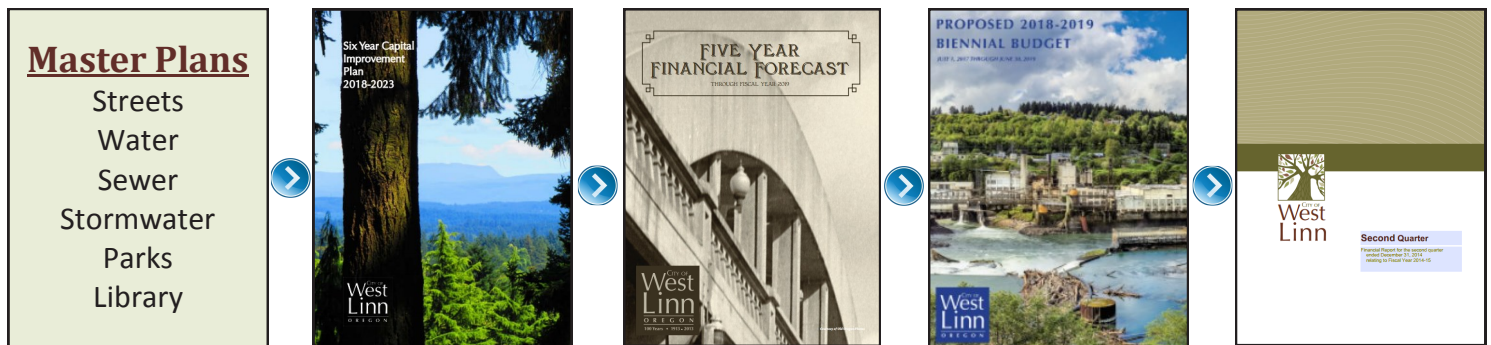




Multi-Document Transparency

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
Resources									
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
Total Resources	\$ 3,817	\$ 4,362	\$ 5,331	\$ 5,744	\$ 8,568	\$ 7,066	\$ 5,413	\$ 4,875	\$ 8,803
Requirements									
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
Capital Outlay - Street Projects	382	237	1,008	1,730	2,738	1,896	1,834	1,850	3,684
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
Reserves:									
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
Total Requirements	\$ 3,817	\$ 4,362	\$ 5,331	\$ 5,744	\$ 8,568	\$ 7,066	\$ 5,413	\$ 4,875	\$ 8,803
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.

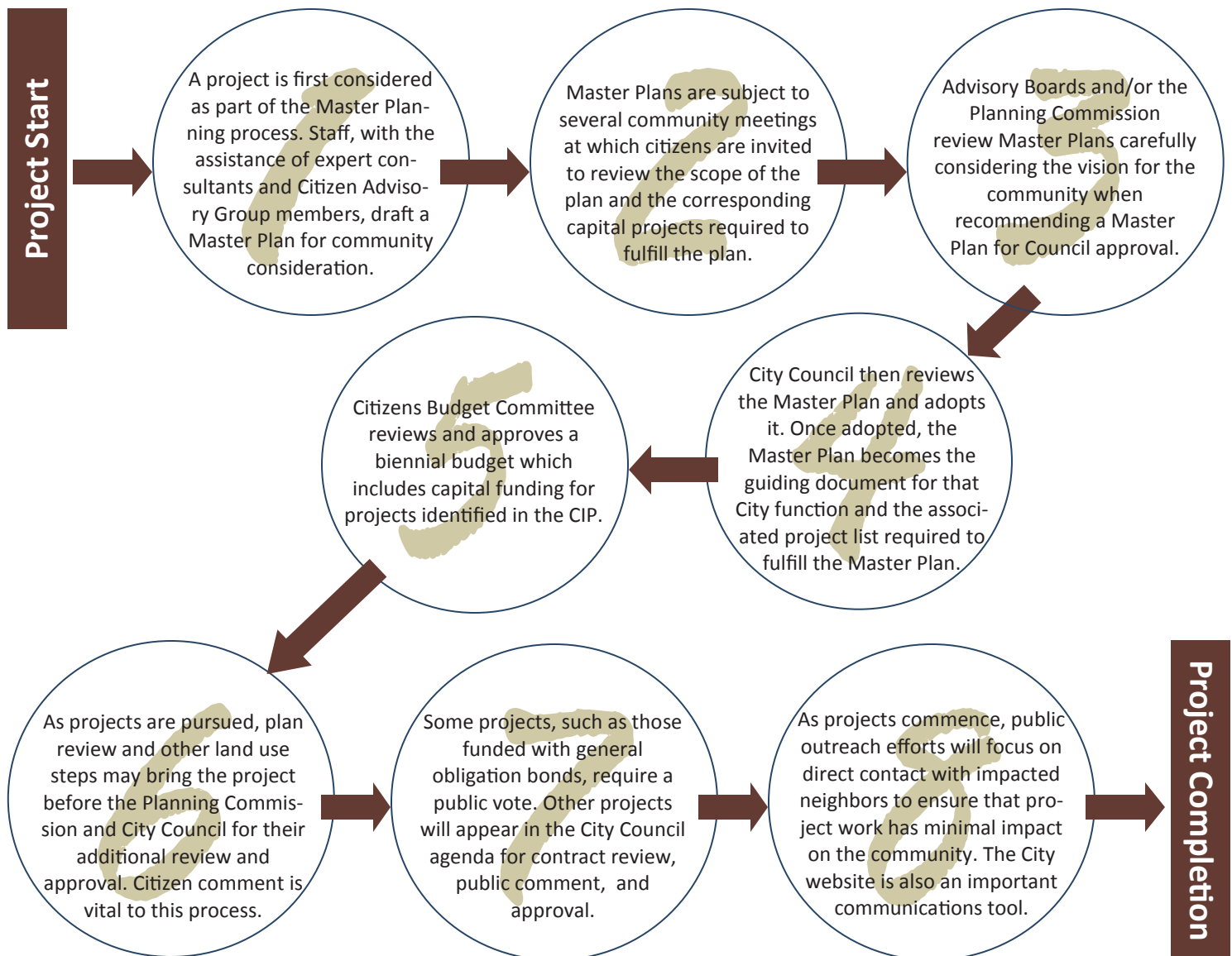
The Process of a CIP Project

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

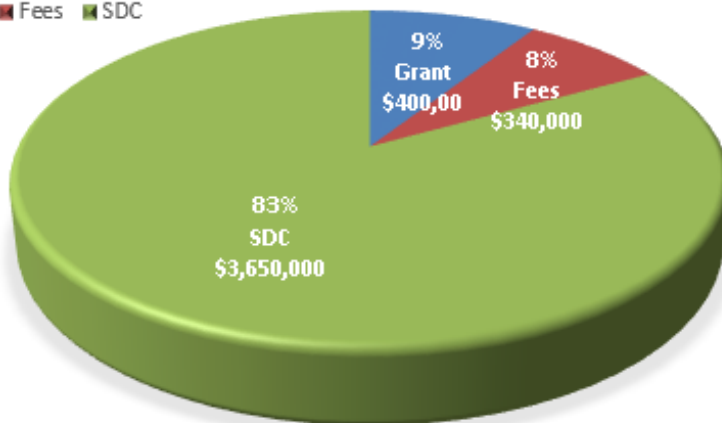
The Parks and Recreation Fund is a special revenue fund used to account for the maintenance and operation of the City's parks and open spaces, recreation activities, and special events in the community. Principal sources of revenue include an allocation of the City's permanent property tax rate, a monthly 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 Parking Lot Pavement 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 Parks, Recreation and Open Space Master Plan is currently being reviewed, and updates to the plan will be completed in the next biennium. 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.

■ Grant ■ Fees ■ SDC



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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
12	Accessibility Upgrades	Y	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000
12	Capital Maintenance Projects	Y					\$ 50,000	\$ 50,000	\$ 100,000
13	CedarOak Boat Ramp Parking Pavement	Y		\$ 300,000					\$ 300,000
13	City-wide Trail Improvements	N	To Be Determined						\$ 0,000
14	Fields Bridge Park Shelters	Y	\$ 300,000						\$ 300,000
14	Future Community Park	N	Forecast Beyond Current 6 Year Window						\$ 0,000
15	Future Neighborhood Park	N	Forecast Beyond Current 6 Year Window						\$ 0,000
15	Future Open Space	N	Forecast Beyond Current 6 Year Window						\$ 0,000
16	Future Regional Park	Y		\$ 45,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 445,000
16	Hammerle Park Playground Renovation	Y		\$ 15,000					\$ 15,000
17	Hammerle Park Storm Drain and Drinking Fountain	N						\$ 15,000	\$ 15,000
17	Hammerle Park Tennis Court Renovation	Y	\$ 15,000						\$ 15,000
18	I-205 Trail	N						\$ 1,500,000	\$ 1,500,000
18	Maddax Woods Park Development	Y	\$ 50,000	\$ 50,000	\$ 50,000				\$ 150,000
19	Marylhurst Park Development	Y	\$ 350,000						\$ 350,000
19	Mary S. Young Circulation & Parking	N	Forecast Beyond Current 6 Year Window						\$ 0,000
20	Mary S. Young Park Restroom Renovation	N						\$ 50,000	\$ 50,000
20	North Willamette Park Tennis Court Renovation	Y				\$ 15,000			\$ 15,000
21	North Willamette Park Tot Lot	Y				\$ 10,000			\$ 10,000
21	Parker Road Sidewalk	Y		\$ 100,000					\$ 100,000
22	Parks Master Plan Update	Y	\$ 50,000						\$ 50,000
22	Regional Trail System	Y		\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000	\$ 700,000
23	Sahallie Illahee Park Play Equipment	N						\$ 75,000	\$ 75,000
23	Skyline Ridge Restroom	N						\$ 75,000	\$ 75,000
24	Skyline Ridge Tennis Court Renovation	N						\$ 25,000	\$ 25,000
24	Sunset Fire Hall Exterior Paint	Y				\$ 25,000			\$ 25,000
25	Sunset Park Renovation	N						\$ 500,000	\$ 500,000
25	Tanner Creek Park Playground	Y		\$ 50,000					\$ 50,000
26	Tanner Creek Park Tennis Court Renovation	N						\$ 25,000	\$ 25,000
26	West A Street Pocket Park	Y	\$ 30,000	\$ 5,000					\$ 35,000
27	White Oak Savanna Improvements	Y	\$ 500,000	\$ 100,000					\$ 600,000
27	Willamette Park Grasscrete	Y		\$ 200,000					\$ 200,000
28	Willamette River Trail	Y	\$ 100,000	\$ 100,000	\$ 200,000	\$ 230,000	\$ 140,000	\$ 100,000	\$ 870,000
	Subtotal		\$1,405,000	\$1,075,000	\$460,000	\$490,000	\$500,000	\$2,725,000	\$6,655,000



Accessibility Upgrades

This is an amount of money allocated annually to update and/or provide improved access in park areas and facilities for those with disabilities.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	10,000	10,000	10,000	10,000	10,000	10,000	60,000

Operating Budget Impact

These improvements are expected to have minimal impact on operating revenues or expenditures.



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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 is maintenance of existing facilities.



Cedaroak Boat Ramp Parking Pavement

A project to rehabilitate the parking lot at this boat launch and park facility with an asphalt overlay. Funding is provided in part by a State Marine Board Grant.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees		60,000					60,000
Funded	Grant		240,000					240,000

Operating Budget Impact

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



City-Wide Trail Improvements

This is related to construction of new future trail improvements as part of the Trails System Master Plan. Funding has not been secured and is to be determined at a later date.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Bond							TBD

Operating Budget Impact

These projects will increase operating expenditures if they are a facility expansion. Improvements to existing facilities will have no additional impact on the operating budget. Specific costs have not yet been determined.



Fields Bridge Park Shelters

This project consists of construction of new shelters currently not available at this park facility. Project also includes some general site improvement near and/or around the shelters, required in a mitigation agreement with the State Historic Preservation Office.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDC	300,000						300,000

Operating Budget Impact

This project is expected to generate additional operating revenues with minimal additional expenditures after completion of construction.



Future Community Park

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

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	SDC							TBD

Funding forecast beyond current 6 year window

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 determined.



Future Neighborhood Park

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

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	SDC							TBD

Funding forecast beyond current 6 year window

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 determined.



Future Open Space

This project is the addition of 32.6 acres of open space and related improvements as part of the Parks & Recreation System 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							TBD

Funding forecast beyond current 6 year window

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 Regional Park

This project is the addition of a regional park and related phased improvements as part of the Parks & Recreation System Development Charge Methodology and CIP. While funding has been allocated for the improvements to this future park, the specific location of the new regional park is still pending designation.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDCs		45,000	100,000	100,000	100,000	100,000	445,000

Operating Budget Impact

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



Hammerle Park Playground Renovation

An improvement/rehabilitation project to replace existing playground border and maximize the safety of the City's playground.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees		15,000					15,000

Operating Budget Impact

This project is expected to have no additional impact on operating expenditures after completion of construction.

Capital Projects



Hammerle Park Storm Drain and Drinking Fountain

This project will include improvements to the existing storm drain and add a workout drinking fountain for the ball diamond.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						15,000	15,000

Operating Budget Impact

This project is not expected to have a significant impact on operating expenditures after completion of construction.



Hammerle Park Tennis Court Renovation

Maintenance project to resurface existing tennis court. Project includes new striping and nets.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees				15,000			15,000

Operating Budget Impact

This project is not expected to have a significant impact on operating expenditures after completion of construction as it will be maintenance of existing facilities.



I-205 Trail

This project includes completion of a route adjacent to Interstate 205, trail signage, and the design of public street and trail intersections to allow for safe crossing of pedestrians and cyclists while also meeting accessibility guidelines.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Grant						1,500,000	1,500,000

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 determined.



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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDC	50,000	50,000	50,000				150,000

Operating Budget Impact

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

Capital Projects



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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDCs	350,000						350,000

Operating Budget Impact

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



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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Grant							
			Funding forecast beyond current 6 year window					TBD

Operating Budget Impact

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



Mary S. Young Park Restroom Renovation

Renovation of existing restroom facilities.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						50,000	50,000

Operating Budget Impact

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



North Willamette Park Tennis Court Renovation

Maintenance project to resurface existing tennis court. Project includes new striping and nets.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees				15,000			15,000

Operating Budget Impact

This project is expected to have no significant impact on operating revenues or expenditures after completion of construction as it will be maintenance of existing facilities.

Capital Projects



North Willamette Park Tot Lot

Upgrades to existing playground facilities geared towards younger users.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees				10,000			10,000

Operating Budget Impact

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



Parker Road Sidewalk

Completion of sidewalks on Parker Road along frontage of Tanner Creek Park. This project is being completed in coordination with development of a new housing subdivision.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDCs		100,000					100,000

Operating Budget Impact

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



Parks Master Plan Update

Update of the 2007 Parks, Recreation and Open Space Plan. This update will guide ongoing and future decisions regarding management, maintenance, improvements, and future Investments.

<u>Status</u>	<u>Funding Source</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Funded	SDC	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 System Development Charge Methodology and CIP.

<u>Status</u>	<u>Funding Source</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Funded	SDC		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.

Capital Projects



Sahallie Illahee Park Play Equipment

This project is intended to update existing park play structures and to meet existing consumer product safety guidelines and increase longevity to the City's park infrastructure.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						75,000	75,000

Operating Budget Impact

This project will decrease operating expenditures for additional park maintenance obligations as it replaces older equipment. Specific costs have not yet been estimated.



Skyline Ridge Park Restroom

The project consists of adding a basic restroom facility to the existing Skyline Ridge Park.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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.



Skyline Ridge Park Tennis Court Renovation

Maintenance project to resurface existing tennis court. Project includes new striping and nets.

<u>Status</u>	<u>Funding Source</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Unfunded	Fees						25,000	25,000

Operating Budget Impact

This project is expected to have no significant impact on operating revenues or expenditures as it replaces existing facilities already maintained by Parks staff.



Sunset Fire Hall Exterior Paint

Maintenance project to apply new exterior paint.

<u>Status</u>	<u>Funding Source</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Funded	Fees				25,000			25,000

Operating Budget Impact

This project is expected to have minimal impact on operating revenues or expenditures after project completion as this facility is already maintained by Parks Staff.



Sunset Park Renovation

This project will provide significant upgrades to the park including new playground equipment, upgrades shelters, restroom, and picnicking areas.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						500,000	500,000

Operating Budget Impact

This project will increase operating expenditures for additional park maintenance obligations as current facilities have been closed due to disrepair. Specific costs have not yet been estimated.



Tanner Creek Park Playground

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

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDC		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.



Tanner Creek Park Tennis Court Renovation

Maintenance project to resurface existing tennis court. Project includes new striping and nets.

<u>Status</u>	<u>Funding Source</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Unfunded	Fees						25,000	25,000

Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures after project completion as this facility is already maintained by Parks staff.



West A Pocket Park

Development of new 0.40 acre neighborhood park based on the interests and desires of the neighborhood.

<u>Status</u>	<u>Funding Source</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Funded	SDC	30,000	5,000					35,000

Operating Budget Impact

This project will increase operating expenditures for additional park maintenance obligation as it is a facility expansion. Specific cost estimates have not yet been determined.



White Oak Savanna Improvements

Park improvements as recommended in the adopted Parks, Recreation and Open Space Master Plan and approved site master plan. Improvements include an addition of 5.65 acres that was acquired by the City in early 2017 and a community designed nature based playground.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDC	500,000	100,000					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.



Willamette Park Grasscrete

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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees		40,000					40,000
Funded	Grant		160,000					160,000

Operating Budget Impact

This project is expected to have no impact on operating revenues or expenditures after project completion 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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDC	100,000	100,000	200,000	230,000	140,000	100,000	870,000

Operating Budget Impact

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





It is the mission of the City of West Linn's Parks and Recreation Department to provide life enhancing experiences and to promote a healthy community. This is provided by providing safe, attractive, and well maintained parks, facilities, trails and open spaces, as well as, creative and challenging recreation programs for the enjoyment of West Linn citizens of all ages.



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 has 18,148 registered borrowers accessing a collection that includes print and online resources, including more than 115,584 materials in a wide variety of formats, 172 periodical subscriptions, and 32 databases. Construction of a mobile technology lab was recently completed and is a dynamic addition to our library services.

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. Approximately \$150,000 of this funding remains due to completion of projects such as the Library parking lot, remodeling, and the addition of a mobile technology lab. The goal of this funding is to assist libraries in meeting uniform County-wide service standards.

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. A larger radio-frequency identification (RFID) security tag project is planned during the 2018-2019 biennium.

Library Summary

Page	Project Name	Funded	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
31	Library Generator	N						\$ 90,000	\$ 90,000
31	RFID Security Tag Project	Y	\$ 131,000						\$ 131,000
	Subtotal		\$131,000					\$90,000	\$221,000

Capital Projects



Radio-Frequency Identification (RFID) Security Tag Project

The addition of Radio Frequency Identification Devices (RFID) to the materials in order 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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Grant	131,000						131,000

Operating Budget Impact

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



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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						90,000	90,000

Operating Budget Impact

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



Overview

West Linn's Information Technology Department is an innovated force multiplier for all city departments. Delivery of reliable, secure, and cost effective service is a fundamental operating tenet. The IT department maintains an efficient staffing footprint due to the continued and regular investment in effective technology lifecycle management strategies. Technology procurement, deployment and management is centralized in the IT department ensuring efficient use of financial resources on those lifecycles.

Funding

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

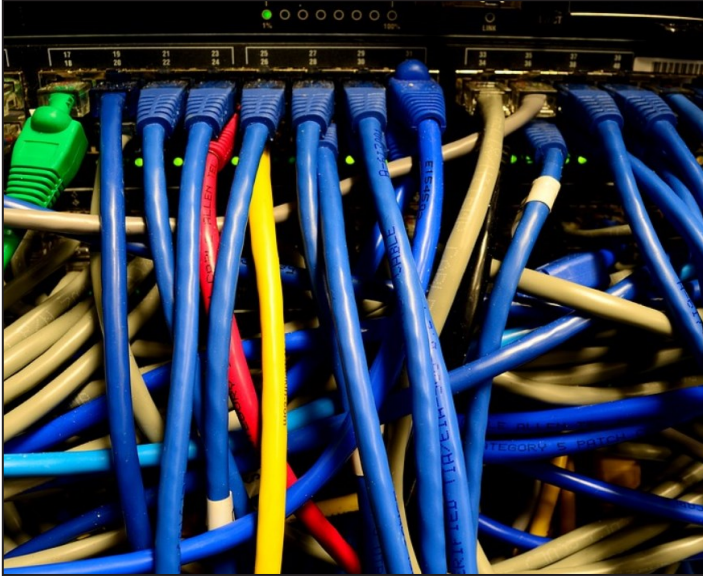
Projects

Projects in the capital improvement category focus on core infrastructure all city departments benefit from equally. These identified projects refresh current infrastructure in operation. The Information technology department operates its budget on a capitol lean strategy providing stable year over year predictably in its financial operations.

Information Technology Summary

Page	Project Name	Funded	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
33	Disaster Recovery Infrastructure Hardware Refresh	N					\$ 40,000	\$ 20,000	\$ 60,000
33	Virtual Server Farm Hardware Refresh	N					\$ 50,000	\$ 25,000	\$ 75,000
	Subtotal						\$90,000	\$45,000	\$135,000

Capital Projects



Disaster Recovery Infrastructure Hardware Refresh

Protecting city data from loss or corruption is a core service offered by the IT department. In order to maintain proactive application and data recovery services, periodic refresh of storage and software is required. Lifecycle management of this technology enables the IT department to continually protect the public records generated by the organization from loss or corruption.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees					40,000	20,000	60,000

Operating Budget Impact

Annual maintenance and new materials setup expenditures have not yet been determined as this project is unfunded in the next biennium.



Virtual Server Farm Hardware Refresh

West Linn's server infrastructure operates virtually on special high concentration server hardware. This specialized hardware supports most of the city's line of business applications and department level data. Lifecycle management of this hardware is extremely important as failure in this infrastructure will result in lost staff productivity due to unplanned downtime.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees					50,000	25,000	75,000

Operating Budget Impact

Annual maintenance and new materials setup expenditures have not yet been determined as this project is unfunded in the next biennium.



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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
35	Bolton Station Rehabilitation	N					\$ 100,000	\$ 900,000	\$ 1,000,000
35	City Hall Security/Access Improvements	N					\$ 25,000	\$ 225,000	\$ 250,000
36	Deferred City Hall Capital Maintenance	N						\$100,000	\$ 100,000
36	Library Roof Replacement	N						\$300,000	\$ 300,000
37	Old Police Station Rehabilitation	N			\$100,000		\$90,000	\$810,000	\$ 1,000,000
37	Robinwood Station Rehabilitation	N					\$100,000	\$650,000	\$ 750,000
38	West Linn Operations Facility	N				\$100,000	\$900,000	\$9,000,000	\$ 10,000,000
	Subtotal				\$100,000	\$100,000	\$1,215,000	\$11,985,000	\$13,400,000

Capital Projects



Bolton Station Rehabilitation

The Bolton Fire Station (5,700 SF) has remained vacant and used for Public Works and Parks storage 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 additional parking or systems development charges. Cost estimates are based on RS Means and similar local rehabilitation projects costs. Costs estimated at \$135/SF which includes design and construction administration.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees					100,000	900,000	1,000,000

Operating Budget Impact

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



City Hall Security/Access Improvements

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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees					25,000	225,000	250,000

Operating Budget Impact

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



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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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.



Library Roof Replacement

Capital project to replace aging roof at West Linn Public Library.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						300,000	300,000

Operating Budget Impact

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

Capital Projects



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 or systems development charges, permits, or off-site improvements. Any rehabilitation would likely have additional parking and property acquisition expenses not included in costs below. Cost estimates are based on RS Means and similar local rehabilitation costs. Costs estimated at \$135/SF which includes design and construction administration.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees			100,000		90,000	810,000	1,000,000

Operating Budget Impact

This project will 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. Cost estimates do not include parking, system development charges, permits, off-site improvements, or 735 SF addition. Cost estimates are based on RS Means and similar local rehabilitation costs. Costs estimated at \$135/SF which includes design and construction administration.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees					100,000	650,000	750,000

Operating Budget Impact

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



West Linn Operations Facility

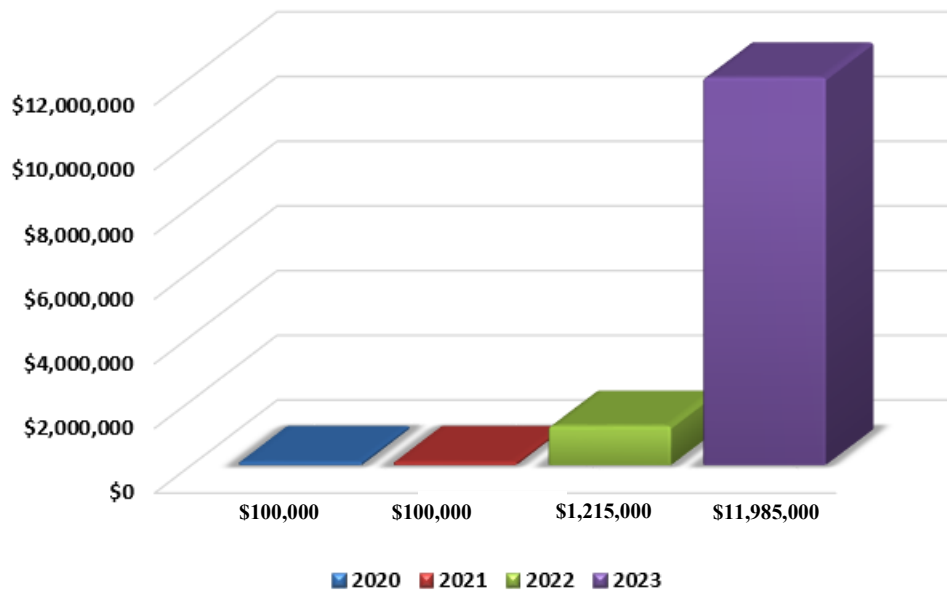
Construction of new operations facility to replace aging and undersized facility on Norfolk St. This project would include facilities for Public Works Operations staff (e.g. Water, Storm, Sewer, and Streets), Parks Grounds and Maintenance staff, and the Vehicle Maintenance Department.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees				100,000	900,000	9,000,000	10,000,000

Operating Budget Impact

This project is expected to have no impact on operating expenditures after project completion as it replaces existing facilities.

Unfunded Facility Improvements 2018-2023



The above graph reflects unfunded projects between 2020-2023 only as there are no unfunded general facility improvement projects planned in the next biennium (2018-2019)





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, 7 pump stations, and have lined 22 miles of sewer pipes with Cured in Place Pipes as part of the City's annual Sewer Rehabilitation Project. 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 2017 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.

The 2018-2023 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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
Surface Water Projects	\$ 2,000,000	\$ 550,000	\$ 500,000	\$ 500,000	\$ 350,000	\$ 350,000	\$ 4,250,000
Waste Water Projects	\$ 865,000	\$ 1,100,000	\$ 1,012,000	\$ 731,000	\$ 1,250,000	\$ 1,250,000	\$ 6,208,000
Subtotal	\$2,865,000	\$1,650,000	\$1,512,000	\$1,231,000	\$1,600,000	\$1,600,000	\$10,458,000

Capital Projects

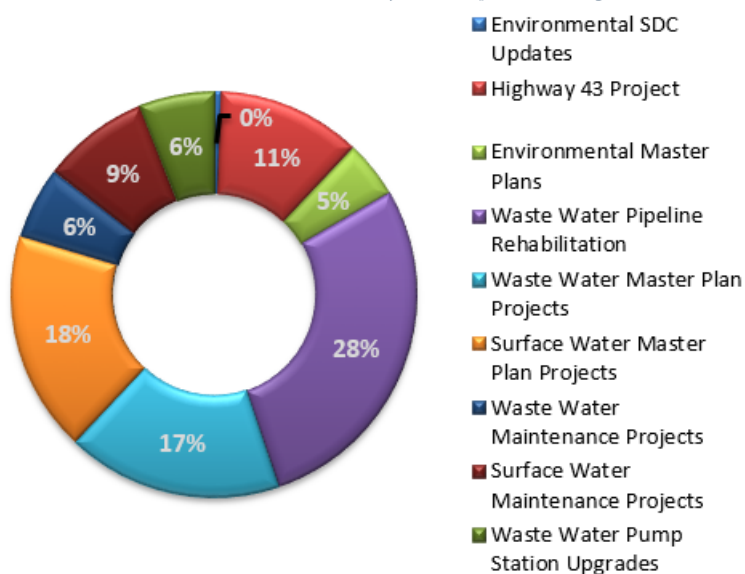
Surface Water Summary

Page	Project Name	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
42	Highway 43 Grant Match (N. City Limits to MSY Park)	\$ 1,000,000						\$ 1,000,000
42	Highway 43 Design (MSY Park to I-205)	\$ 200,000						\$ 200,000
43	Surface Water Maintenance Projects	\$ 500,000		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 900,000
43	Surface Water Master Plan	\$ 270,000						\$ 270,000
44	Surface Water Master Plan Projects		\$ 550,000	\$ 400,000	\$ 400,000	\$ 250,000	\$ 250,000	\$ 1,850,000
44	Surface Water SDC Update	\$ 30,000						\$ 30,000
	Subtotal	\$2,000,000	\$550,000	\$500,000	\$500,000	\$350,000	\$350,000	\$4,250,000

Waste Water Summary

Page	Project Name	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
45	Pump Station Telemetry and Pump Upgrades	\$ 325,000	\$ 300,000					\$ 625,000
45	Waste Water Maintenance Projects		\$ 200,000			\$ 200,000	\$ 200,000	\$ 600,000
46	Waste Water Master Plan	\$ 210,000						\$ 210,000
46	Waste Water Master Plan Projects		\$ 600,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,800,000
47	Waste Water Pipeline Rehabilitation	\$ 300,000		\$ 712,000	\$ 431,000	\$ 750,000	\$ 750,000	\$ 2,943,000
47	Waste Water SDC Update	\$ 30,000						\$ 30,000
	Subtotal	\$865,000	\$1,100,000	\$1,012,000	\$731,000	\$1,250,000	\$1,250,000	\$6,208,000

Environmental Project Spending





Environmental Fund



Highway 43 Grant Match (N. City Limits to MSY Park)

City storm/drainage matching contribution to Regional Flexible Funding Award for construction of multimodal transportation improvements along Highway 43 from the North City limits to Mary S. Young Park. Construction specifications can be reviewed in the adopted 2016 Highway 43 Concept Plan, an amendment to the adopted 2016 Transportation System Plan (TSP).

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	1,000,000						1,000,000
Funded	Grants							

See Highway 43 Project funding information on pg. 50

Operating Budget Impact

This project is expected to impact operating expenditures after completion of construction as the City will be taking over maintenance responsibilities of facilities behind the curb. Exact maintenance costs are yet to be determined.



Highway 43 Design (MSY Park to I-205)

City storm/drainage funding allocated in order to complete preliminary design of future Highway 43 multimodal improvements from Mary S. Young Park to the I-205 corridor.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	200,000						200,000

Operating Budget Impact

There will be no impact on operating expenditures as a result of the design plan. Operating expenditures will increase once projects begin construction. Exact maintenance costs are yet to be determined.

Capital Projects



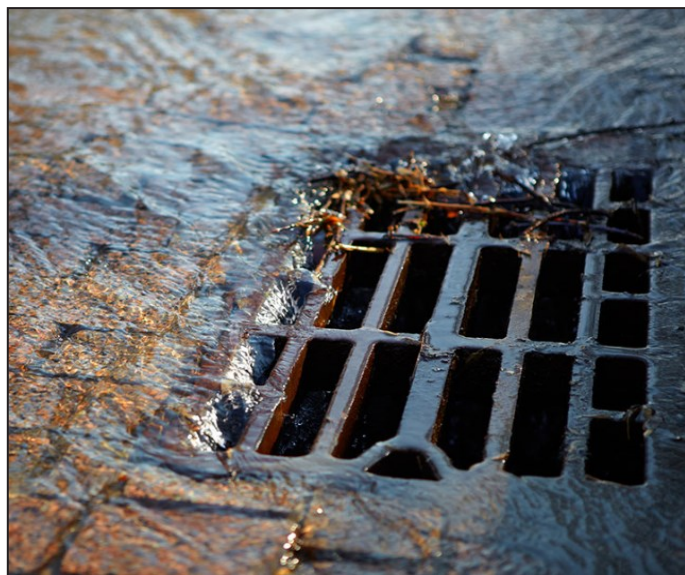
Surface Water Maintenance Projects

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

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	500,000		100,000	100,000	100,000	100,000	900,000

Operating Budget Impact

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



Surface Water Master Plan

Update to the existing 2006 Master Plan to provide 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 the master plan is also needed to better conform to ever changing and increasingly stringent state and federal water quality regulations.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	135,000						135,000
Funded	SDC	135,000						135,000

Operating Budget Impact

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



Surface Water Master Plan Projects

Expenditures 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 2017.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees		350,000	250,000	250,000	250,000	200,000	1,250,000
Funded	SDC		200,000	150,000	150,000	50,000	50,000	600,000

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.



Surface Water SDC Update

A systems development charge methodology and fee calculation update will be performed based on the updated list of projects provided after completion of the update to the Surface Water Master Plan.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDC	30,000						30,000

Operating Budget Impact

This SDC Update is expected to have an impact on operating revenues with an updated development fee.

Capital Projects



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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	325,000	300,000					625,000

Operating Budget Impact

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



Waste Water Maintenance Projects

Repair and replacement of aging sewer facilities that are deteriorated and require restoration. These projects are often done in collaboration with street capital projects, (e.g. prior to a planned street overlay) so that disruptions are minimized and cost savings are gained through coordination of joint projects.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees		200,000			200,000	200,000	600,000

Operating Budget Impact

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



Waste Water Master Plan

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 coordination with the Surface Water Master Plan update.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	105,000						105,000
Funded	SDC	105,000						105,000

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.



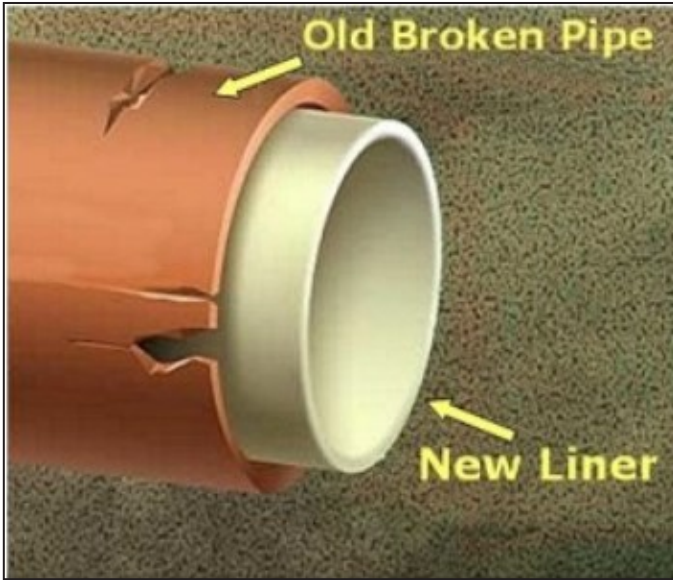
Waste Water Master Plan Projects

Expenditures to be allocated in order to implement the CIP projects listed in the Sanitary Sewer Master Plan. Projects will be newly identified and prioritized within the new Master Plan scheduled for an update in 2017.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDC		600,000	300,000	300,000	300,000	300,000	1,800,000

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.



Waste Water Pipeline Rehabilitation

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

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	300,000		712,000	431,000	750,000	750,000	2,943,000

Operating Budget Impact

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



Waste Water SDC Update

A systems development charge methodology and fee calculation update will be performed based on the updated list of projects provided after completion of the update to the Waste Water Master Plan.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDC	30,000						30,000

Operating Budget Impact

This SDC update is expected to have an impact on operating revenues with an updated development fee.



Overview

West Linn's Transportation System includes over 216 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

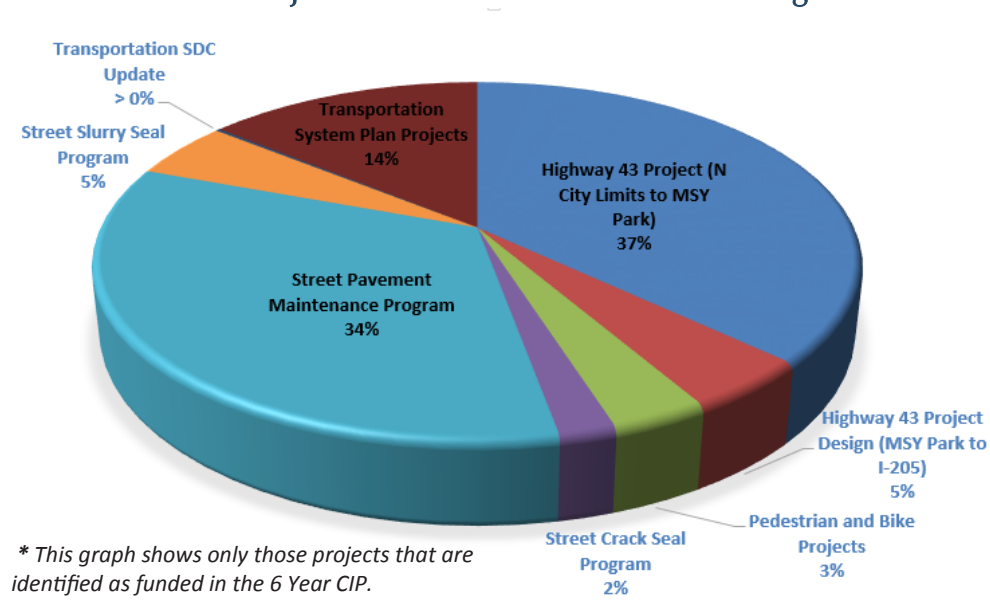
The Street Fund is a special revenue fund used to account for the maintenance and operation of the City's streets, sidewalks, signage, medians, and rights-of-way. Revenue is received from gas taxes, street maintenance fees, franchise fees, and occasional grant funding. Capital expansion projects are 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 2016 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. In addition to an emphasis in maintenance of existing roadway infrastructure, the 2018-2023 CIP also budgets for significant multi-modal improvements along Highway 43 between the North City limits and Mary S. Young Park. Street projects largely drive other infrastructure projects to ensure newly paved streets are not damaged to replace aging piping.

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



Capital Projects

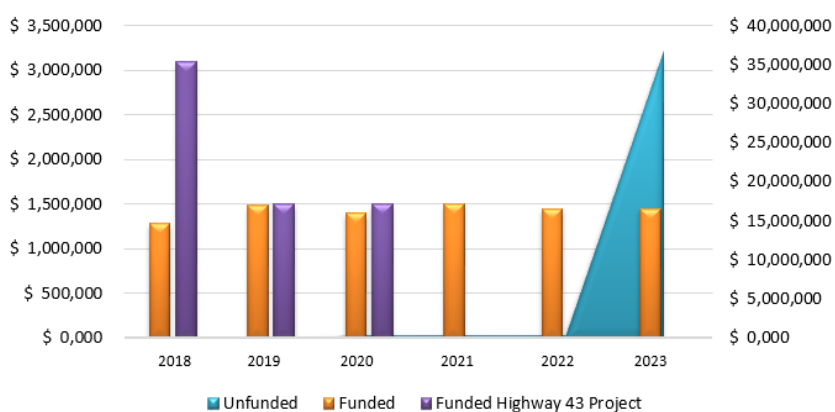
Streets Summary

Page	Project Name	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
50	10th St. Corridor						\$ 6,050,000	\$ 6,050,000
50	Highway 43 Project (N City Limits to MSY Park)	\$ 2,426,000	\$ 1,500,000	\$ 1,500,000				\$ 5,426,000
51	Highway 43 Design (MSY Park to I-205)	\$ 674,000						\$ 674,000
51	Highway 43 Project (MSY Park to I-205)						\$ 20,140,000	\$ 20,140,000
52	Pedestrian and Bike Projects	\$ 30,000	\$ 80,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 510,000
52	Street Crack Seal Program		\$ 100,000		\$ 100,000		\$ 100,000	\$ 300,000
53	Street Pavement Maintenance Program	\$ 665,000	\$ 1,050,000	\$ 650,000	\$ 850,000	\$ 650,000	\$ 850,000	\$ 4,715,000
53	Street Slurry Seal Program	\$ 355,000		\$ 300,000		\$ 300,000		\$ 955,000
54	Transportation SDC Update	\$ 30,000						\$ 30,000
54	Transportation System Plan Projects	\$ 200,000	\$ 250,000	\$ 850,000	\$ 950,000	\$ 900,000	\$ 900,000	\$ 4,050,000
55	Willamette Falls Drive Corridor						\$ 9,980,000	\$ 9,980,000
	Subtotal	\$4,380,000	\$2,980,000	\$3,400,000	\$2,000,000	\$1,950,000	\$38,120,000	\$52,830,000



Pavement maintenance is the primary annual goal for Streets projects. In addition to maintenance, the City will be investing improvements to Highway 43 over the next biennium.

Funded vs. Unfunded Streets Projects



	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Funded	\$ 1,280,000	\$ 1,480,000	\$ 1,400,000	\$ 1,500,000	\$ 1,450,000	\$ 1,450,000
Unfunded	\$ 0,000	\$ 0,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 36,670,000
Funded Highway 43 Project	\$ 3,100,000	\$ 1,500,000	\$ 1,500,000	\$ 0,000	\$ 0,000	\$ 0,000



10th St. Corridor

Provide an interchange corridor construction project at the I-205/10th St. area to provide capacity, efficiency, circulation, safety, and connectivity improvements. Additionally, it is the goal of the City to greatly improve and encourage active pedestrian and bicycle transportation.

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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						100,000	100,000
Unfunded	SDC						1,750,000	1,750,000
Unfunded	Grant						4,200,000	4,200,000

Operating Budget Impact

This project is a facility expansion and likely to increase operating expenditures. Cost estimates have yet to be determined.



Highway 43 Project (N. City Limits to MSY Park)

This project includes construction of multi-modal transportation improvements along Highway 43 from the North City limits to Mary S. Young Park. Project details can be reviewed in the adopted 2016 Highway 43 Concept Plan, an appendix of the adopted 2016 Transportation System Plan (TSP). Enhancements will optimize traffic flow at major intersections while increasing safe pedestrian and bicycle transportation throughout.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	526,000						526,000
Funded	SDC	800,000						800,000
Funded	Grant	1,100,000						1,100,000
Funded	Grant		1,500,000	1,500,000				3,000,000

Operating Budget Impact

This project may increase operating expenditures, since it is a facility expansion. Oregon Department of Transportation will continue to maintain the street and the City will maintain facilities behind the curb.



Highway 43 Design (MSY Park to I-205)

City funded preliminary design in order to complete future Highway 43 multi-modal improvements from Mary S. Young Park to the I-205 corridor.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	674,000						674,000

Operating Budget Impact

This project will have no impact on operating expenditures at this time. While design of the corridor is currently funded, construction for this portion of the Highway 43 corridor remains unfunded.



Highway 43 Project (MSY Park to I-205)

Construction of multi-modal transportation improvements from Mary S. Young Park to the I-205 corridor. The goal of these improvements are to increase overall mobility between essential destinations for all users, and encourage active pedestrian and bicycle transportation while optimizing motor vehicle flow.

It is expected that the City would need to contribute at least 25% towards funding of this project to be considered competitive for future grants.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						2,320,000	2,320,000
Unfunded	SDC						2,320,000	2,320,000
Unfunded	Grant						15,500,000	15,500,000

Operating Budget Impact

This project will increase operating expenditures once new facilities are constructed. Exact cost estimates are not yet available as this project is currently unfunded and will not be constructed within the next budget biennium.



Pedestrian & Bike Projects

Provides funds for various on-street sidewalk and bike improvement projects. Specific projects were prioritized during the 2016 Transportation System Plan (TSP) update. Limited funding is available for new improvements as outlined in the TSP.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	30,000	30,000	50,000	50,000	50,000	50,000	260,000
Funded	SDC		50,000	50,000	50,000	50,000	50,000	250,000

Operating Budget Impact

This project may increase operating expenditures as it is a facility expansion. Specific maintenance and operating cost have not yet been determined.



Street Crack Sealing Program

Funds allocated for preventative maintenance to crack seal roads extending their useful life and delaying the need for more costly pavement overlay and/or reconstruction.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees		100,000		100,000		100,000	300,000

Operating Budget Impact

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



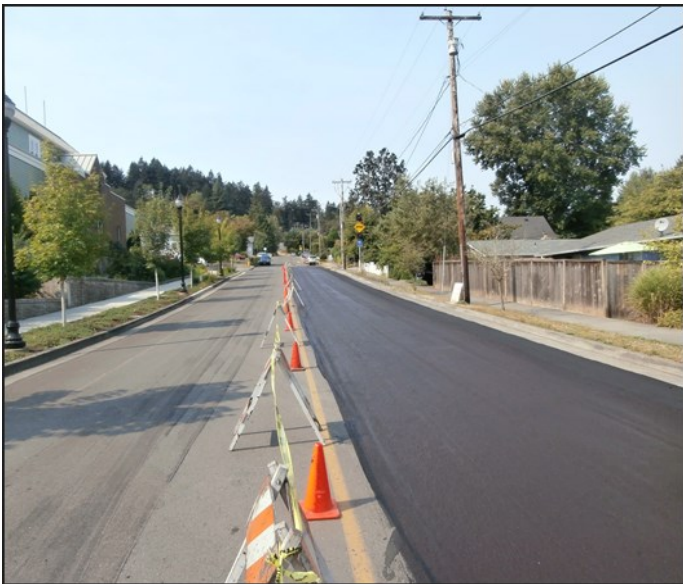
Street Pavement Maintenance Program

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

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	665,000	1,050,000	650,000	850,000	650,000	850,000	4,715,000

Operating Budget Impact

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



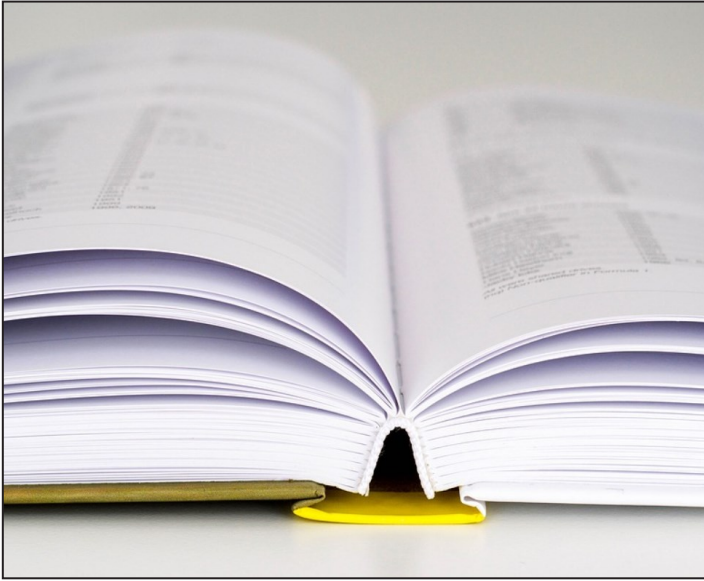
Street Slurry Seal Program

Funds allocated for preventative maintenance to slurry seal roads extending their useful life and delaying the need for pavement overlay or reconstruction. Slurry sealing is typically done in conjunction with the Street Pavement Maintenance Program.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	355,000		300,000		300,000		955,000

Operating Budget Impact

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



Transportation SDC Update

A systems development charge (SDC) methodology and fee calculation update. System development charges are fees paid by new development to recover a portion of the cost of existing infrastructure and to help fund new transportation infrastructure necessary to serve the City's expanding population.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDC	30,000						30,000

Operating Budget Impact

This SDC update is expected to have an impact on operating revenues with an updated development fee.



Transportation System Plan Projects

Transportation System Plan projects are typically funded through system development charges and the street fee. Projects focus both on street maintenance and improvements. Due to budget constraints not all projects listed in the City's Transportation System Plan will be funded.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	100,000		100,000	200,000	200,000	200,000	800,000
Funded	SDC	100,000	250,000	250,000	250,000	200,000	200,000	1,250,000
Unfunded	Fees			250,000	250,000	250,000	250,000	1,000,000
Unfunded	SDC			250,000	250,000	250,000	250,000	1,000,000

Operating Budget Impact

Facility expansion projects will increase operating expenditures, other projects are improvements to existing facilities.



Willamette Falls Drive Corridor

A significant construction project including improvements to street, pedestrian, and bike facilities along the entire corridor of the Willamette Falls Drive corridor in accordance with the adopted 2016 Transportation System Plan. The goal of improvements is to enhance safe pedestrian and bike access while also improving vehicle circulation.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						7,941,000	7,941,000
Unfunded	SDC						2,039,000	2,039,000

Operating Budget Impact

This project is expected to increase operating expenditures as it is a facility expansion. Specific cost estimates for maintenance have not yet been determined as this project is currently unfunded.



The Streets Division is a section of the West Linn Public Works Department and is committed to providing safe travel for cars, pedestrians, and cyclists by ensuring regular maintenance and improvements to the City's road surfaces and right-of-way.



Overview

West Linn's Water Division owns, operates, and maintains over 119 miles of water distribution and transmission mains, 6 reservoirs, 6 pump stations, 978 fire hydrants, 31 pressure reducing stations, and 2258 mainline water valves. The City's water infrastructure supports an annual daily average of 3.2 million gallons of water usage. Water is drawn from the Clackamas River, treated, and supplied to West Linn by the South Fork Water Board.

Funding

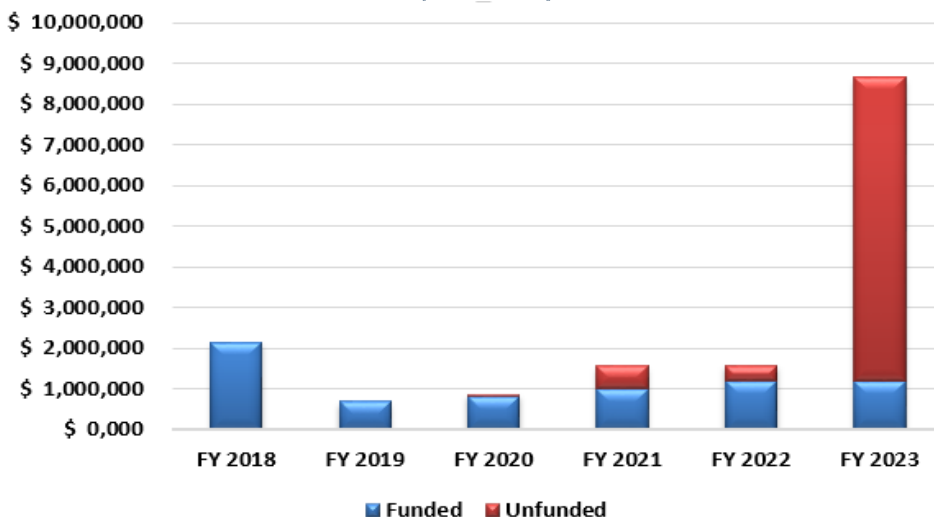
The Water Fund is an enterprise fund used to account for the maintenance and operation of the City water utility. All water-related revenue and expenditures, including capital projects, are included in this fund. Water service fees are restricted to use on operations, maintenance, and improvement of 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 City is currently near completion of the Bolton Reservoir Replacement project which replaces the City's aging Bolton Reservoir built originally in 1915, and increasing capacity from 2.5 million gallons to 4.0 million gallons. This project also includes substantial seismic improvements over the original structure.

The 2018-2023 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, and 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.

Funded vs. Unfunded Water System Improvements and Maintenance



Unfunded projects have been shifted out of the current biennium and into future years. The bulk of incomplete water system improvements have been moved to 2023.

Revenues are not keeping track with the needed level of deferred water main replacement and other system improvements identified in the Water Master Plan. System improvement priorities may change after completion of the updated Water Master Plan.

Water Summary

Page	Project Name	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
58	Annual Deteriorated Line Replacement	\$ 1,050,000	\$ 700,000	\$ 618,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 4,468,000
58	Bland Reservoir No. 2						\$ 800,000	\$ 800,000
59	Bolton Reservoir Replacement	\$ 1,100,000						\$ 1,100,000
59	Demolish Abandoned View Drive Site Facilities						\$ 114,000	\$ 114,000
60	Pressure Reducing Valve/Vault Improvements			\$ 27,000	\$ 29,000	\$ 29,000	\$ 213,000	\$ 298,000
60	Reservoir Seismic Assessments and Repairs			\$ 125,000	\$ 144,000	\$ 148,000	\$ 152,000	\$ 569,000
61	Water Master Plan Update				\$ 100,000	\$ 100,000		\$ 200,000
61	Water System Improvement Projects			\$ 600,000	\$ 600,000	\$ 600,000	\$ 6,574,000	\$ 8,374,000
62	Water Telemetry (SCADA) System Upgrade						\$ 114,000	\$ 114,000
	Subtotal	\$2,150,000	\$700,000	\$1,370,000	\$1,573,000	\$1,577,000	\$8,667,000	\$16,037,000



The City is currently replacing the Bolton Reservoir, originally built in 1915, with a new 4 million gallon reservoir to address overall system storage deficiencies and meet City needs now and into the future. These picture shows the wire wrapping that provides extra reinforcement to the structure. In total there is approximately 31 miles of wire wrapped around the new tank.

Project completion is expected to commence during the 2018 fiscal year with final landscaping to be completed in the fall of 2017.



Water Fund



Annual 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.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	1,050,000	700,000	618,000	700,000	700,000	700,000	4,468,000

Operating Budget Impact

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



Bland Reservoir No. 2

Construction of additional Bland pressure zone reservoir to increase capacity needs. Construction of the proposed reservoir will address existing Bland pressure zone storage deficits and expand services that will be necessary with future development.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						536,000	536,000
Unfunded	SDCs						264,000	264,000

Operating Budget Impact

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



Bolton Reservoir Replacement

The original reservoir was built in 1915 and replacement construction began during winter of 2015. Construction is near completion and be finalized during the 2018 fiscal year. Final landscaping of the reservoir site will take place during the fall of 2017.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees	1,100,000						1,100,000

Operating Budget Impact

This project is expected to reduce operating expenditures after completion of construction as the original reservoir required regular repairs which will no longer be required.



Demolish Abandoned View Dr. Site Facilities

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

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						96,000	96,000
Unfunded	SDCs						18,000	18,000

Operating Budget Impact

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



Pressure Reducing Valve/Vault Improvements

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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees			23,000	24,000	25,000	179,000	251,000
Unfunded	SDCs			4,000	5,000	4,000	34,000	47,000

Operating Budget Impact

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



Reservoir Seismic Assessments and Repairs

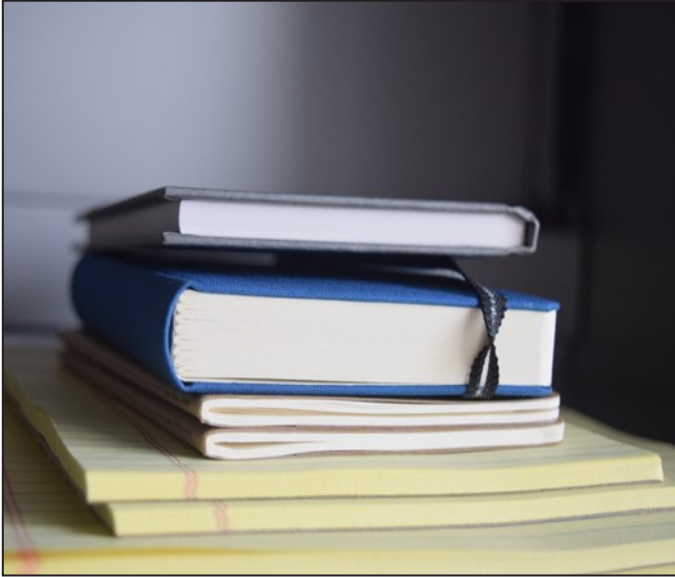
Assessment of existing reservoirs to determine repairs, if any, required to ensure structures are able to withstand a seismic event as determined by engineering standards and building codes.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees			105,000	121,000	124,000	128,000	478,000
Unfunded	SDCs			20,000	23,000	24,000	24,000	91,000

Operating Budget Impact

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

Capital Projects



Water Master Plan Update

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.

Status	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	SDCs				100,000	100,000		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.



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 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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Funded	Fees			200,000	200,000	200,000	200,000	800,000
Funded	SDC					200,000	300,000	500,000
Unfunded	Fees			200,000	200,000	200,000	2,717,000	3,317,000
Unfunded	SDC			200,000	200,000		3,357,000	3,757,000

Operating Budget Impact

Projects that expand facilities may increase operation expenditures, others will be maintenance of existing facilities.



Water Telemetry (SCADA) System 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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Unfunded	Fees						96,000	96,000
Unfunded	SDC						18,000	18,000

Operating Budget Impact

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



CITY OF
West Linn

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	
Capital maintenance Projects	Parks and Recreation	Fees	Y	\$ 100,000	
CedarOak Boat Ramp Parking Pavement	Parks and Recreation	Grant	Y	\$ 240,000	
CedarOak Boat Ramp Parking Pavement	Parks and Recreation	Fees	Y	\$ 60,000	
City-wide Trail Improvements	Parks and Recreation	Bond	N	\$ 0,000	
Fields Bridge Park Shelters	Parks and Recreation	SDC	Y	\$ 300,000	
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	Parks and Recreation	SDC	Y	\$ 445,000	
Hammerle Park Playground Renovation	Parks and Recreation	Fees	Y	\$ 15,000	
Hammerle Park Storm Drain and Drinking Fountain	Parks and Recreation	Fees	N	\$ 15,000	
Hammerle Park Tennis Court Renovation	Parks and Recreation	Fees	Y	\$ 15,000	
I-205 Trail	Parks and Recreation	Grant	N	\$ 1,500,000	
Maddax Woods Park Development	Parks and Recreation	SDC	Y	\$ 150,000	
Marylhurst Park Development	Parks and Recreation	SDC	Y	\$ 350,000	
Mary S. Young Circulation/Parking	Parks and Recreation	Grant	N	\$ 0,000	
Mary S. Young Park Restroom Renovation	Parks and Recreation	Fees	N	\$ 50,000	
North Willamette Park Tennis Court Renovation	Parks and Recreation	Fees	Y	\$ 15,000	
North Willamette Park Tot Lot	Parks and Recreation	Fees	Y	\$ 10,000	
Parker Road Sidewalk	Parks and Recreation	SDC	Y	\$ 100,000	
Parks Master Plan Update	Parks and Recreation	SDC	Y	\$ 50,000	
Regional Trail System	Parks and Recreation	SDC	Y	\$ 700,000	
Sahallie Illahee Park Playground Equipment	Parks and Recreation	Fees	N	\$ 75,000	
Skyline Ridge Tennis Court Renovation	Parks and Recreation	Fees	N	\$ 25,000	
Skyline Ridge Restroom	Parks and Recreation	Fees	N	\$ 75,000	
Sunset Fire Hall Exterior Paint	Parks and Recreation	Fees	Y	\$ 25,000	
Sunset Park Renovation	Parks and Recreation	Fees	N	\$ 500,000	
Tanner Creek Park Playground	Parks and Recreation	SDC	Y	\$ 50,000	
Tanner Creek Park Tennis Court Renovation	Parks and Recreation	Fees	N	\$ 25,000	
West A Street Pocket Park	Parks and Recreation	SDC	Y	\$ 35,000	
White Oak Savanna Improvements	Parks and Recreation	SDC	Y	\$ 600,000	
Willamette Park Grasscrete	Parks and Recreation	Fees	Y	\$ 40,000	
Willamette Park Grasscrete	Parks and Recreation	Grant	Y	\$ 160,000	
Willamette River Trail	Parks and Recreation	SDC	Y	\$ 870,000	
Parks and Recreation Subtotal:				\$6,655,000	

Capital Projects - By Fund

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
					\$ 50,000	\$ 50,000
		\$ 240,000				
		\$ 60,000				
	To be determined					
	\$ 300,000					
	Forecast beyond current 6 year window					
	Forecast beyond current 6 year window					
	Forecast beyond current 6 year window					
		\$ 45,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
		\$ 15,000				
						\$ 15,000
	\$ 15,000					
						\$ 1,500,000
	\$ 50,000	\$ 50,000	\$ 50,000			
	\$ 350,000					
	Forecast beyond current 6 year window					
						\$ 50,000
				\$ 15,000		
				\$ 10,000		
		\$ 100,000				
	\$ 50,000					
		\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000
						\$ 75,000
						\$ 25,000
						\$ 75,000
				\$ 25,000		
						\$ 500,000
		\$ 50,000				
						\$ 25,000
	\$ 30,000	\$ 5,000				
	\$ 500,000	\$ 100,000				
		\$ 40,000				
		\$ 160,000				
	\$ 100,000	\$ 100,000	\$ 200,000	\$ 230,000	\$ 140,000	\$ 100,000
	\$1,405,000	\$1,075,000	\$460,000	\$490,000	\$500,000	\$2,725,000

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Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate	
Library Generator	Library	Grant	N	\$ 90,000	
RFID Security Tag Project	Library	Grant	Y	\$ 131,000	
Library Subtotal:				\$221,000	
Disaster Recovery Infrastructure Hardware Refresh	Information Technology	Fees	N	\$ 75,000	
Virtual Server Farm Hardware Refresh	Information Technology	Fees	N	\$ 60,000	
Information Technology Subtotal:				\$135,000	
Library Roof Replacement	General	Fees	N	\$ 300,000	
City Hall Security/Access Improvements	General	Fees	N	\$ 250,000	
Deferred City Facility Capital Maintenance	General	Fees	N	\$ 100,000	
Bolton Station Rehabilitation	General	Fees	N	\$ 1,000,000	
West Linn Operations Facility	General	Fees	N	\$ 10,000,000	
Old Police Station Rehabilitation	General	Fees	N	\$ 1,000,000	
Robinwood Station Rehabilitation	General	Fees	N	\$ 750,000	
General Subtotal:				\$13,400,000	
Highway 43 Design (MSY Park to I-205)	Environmental Services	Fees	Y	\$ 200,000	
Highway 43 Grant Match (N City Limits to MSY Park)	Environmental Services	Fees	Y	\$ 1,000,000	
Pump Station Telemetry and Pump Upgrades	Environmental Services	Fees	Y	\$ 625,000	
Surface Water Maintenance Projects	Environmental Services	Fees	Y	\$ 900,000	
Surface Water Master Plan Projects	Environmental Services	Fees	Y	\$ 1,250,000	
Surface Water Master Plan Projects	Environmental Services	SDC	Y	\$ 600,000	
Surface Water Master Plan	Environmental Services	Fees	Y	\$ 135,000	
Surface Water Master Plan	Environmental Services	SDC	Y	\$ 135,000	
Surface Water SDC Update	Environmental Services	SDC	Y	\$ 30,000	
Waste Water Major Maintenance Projects	Environmental Services	Fees	Y	\$ 600,000	
Waste Water Master Plan	Environmental Services	Fees	Y	\$ 105,000	
Waste Water Master Plan	Environmental Services	SDC	Y	\$ 105,000	
Waste Water Master Plan Projects	Environmental Services	SDC	Y	\$ 1,800,000	
Waste Water Pipeline Rehabilitation	Environmental Services	Fees	Y	\$ 2,943,000	
Waste Water SDC Update	Environmental Services	SDC	Y	\$ 30,000	
Environmental Services Subtotal:				\$10,458,000	

Capital Projects - By Fund

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
						\$ 90,000
	\$ 131,000					
	\$131,000					\$90,000
					\$ 50,000	\$ 25,000
					\$ 40,000	\$ 20,000
					\$90,000	\$45,000
						\$ 300,000
					\$ 25,000	\$ 225,000
						\$ 100,000
					\$ 100,000	\$ 900,000
				\$ 100,000	\$ 900,000	\$ 9,000,000
			\$ 100,000		\$ 90,000	\$ 810,000
					\$ 100,000	\$ 650,000
			\$100,000	\$100,000	\$1,215,000	\$11,985,000
	\$ 200,000					
	\$ 1,000,000					
	\$ 325,000	\$ 300,000				
	\$ 500,000		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
		\$ 350,000	\$ 250,000	\$ 250,000	\$ 200,000	\$ 200,000
		\$ 200,000	\$ 150,000	\$ 150,000	\$ 50,000	\$ 50,000
	\$ 135,000					
	\$ 135,000					
	\$ 30,000					
		\$ 200,000			\$ 200,000	\$ 200,000
	\$ 105,000					
	\$ 105,000					
		\$ 600,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
	\$ 300,000		\$ 712,000	\$ 431,000	\$ 750,000	\$ 750,000
	\$ 30,000					
	\$2,865,000	\$1,650,000	\$1,512,000	\$1,231,000	\$1,600,000	\$1,600,000

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Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate	
10th St. Corridor (Fund Match)	Streets	Fees	N	\$ 100,000	
10th St. Corridor	Streets	SDC	N	\$ 1,750,000	
10th St. Corridor (ODOT Contribution)	Streets	Grant	N	\$ 4,200,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	Fees	Y	\$ 526,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	SDC	Y	\$ 800,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	Grant	Y	\$ 3,000,000	
Highway 43 Design (MSY Park to I-205)	Streets	Fees	Y	\$ 674,000	
Highway 43 Design (MSY Park to I-205)	Streets	Grant	Y	\$ 1,100,000	
Highway 43 Project (MSY Park to I-205)	Streets	Fees	N	\$ 2,320,000	
Highway 43 Project (MSY Park to I-205)	Streets	SDC	N	\$ 2,320,000	
Highway 43 Project (MSY Park to I-205)	Streets	Grant	N	\$ 15,500,000	
Pedestrian & Bike Projects	Streets	Fees	Y	\$ 260,000	
Pedestrian & Bike Projects	Streets	SDC	Y	\$ 250,000	
Street Crack Seal Program	Streets	Fees	Y	\$ 300,000	
Street Pavement Maintenance Program	Streets	Fees	Y	\$ 4,715,000	
Street Slurry Seal Program	Streets	Fees	Y	\$ 955,000	
Transportation SDC Update	Streets	SDC	Y	\$ 30,000	
Transportation System Plan Projects	Streets	Fees	Y	\$ 800,000	
Transportation System Plan Projects	Streets	SDC	Y	\$ 1,250,000	
Transportation System Plan Projects	Streets	SDC	N	\$ 1,000,000	
Transportation System Plan Projects	Streets	Fees	N	\$ 1,000,000	
Willamette Falls Drive Corridor	Streets	Fees	N	\$ 7,941,000	
Willamette Falls Drive Corridor	Streets	SDC	N	\$ 2,039,000	
Streets Subtotal:				\$52,830,000	
Annual Deteriorated Line Replacement	Water	Fees	Y	\$ 4,468,000	
Bland Reservoir No. 2	Water	Fees	N	\$ 536,000	
Bland Reservoir No. 2	Water	SDC	N	\$ 264,000	
Bolton Reservoir Replacement	Water	Fees	Y	\$ 1,100,000	
Demolish Abandoned View Drive Site Facilities	Water	Fees	N	\$ 96,000	
Demolish Abandoned View Drive Site Facilities	Water	SDC	N	\$ 18,000	
Pressure Reducing Valve/Vault Improvements	Water	Fees	N	\$ 251,000	
Pressure Reducing Valve/Vault Improvements	Water	SDC	N	\$ 47,000	
Reservoir Seismic Assessments and Repairs	Water	Fees	N	\$ 478,000	
Reservoir Seismic Assessments and Repairs	Water	SDC	N	\$ 91,000	
Water Master Plan Update	Water	SDC	Y	\$ 200,000	
Water System Improvement Projects	Water	Fees	Y	\$ 800,000	
Water System Improvement Projects	Water	SDC	Y	\$ 500,000	
Water System Improvement Projects	Water	Fees	N	\$ 3,317,000	
Water System Improvement Projects	Water	SDC	N	\$ 3,757,000	
Water Telemetry (SCADA) System Upgrade	Water	Fees	N	\$ 96,000	
Water Telemetry (SCADA) System Upgrade	Water	SDC	N	\$ 18,000	
Water Subtotal:				\$16,037,000	
Total All Funds:				\$99,736,000	

Capital Projects - By Fund

FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
					\$ 100,000
					\$ 1,750,000
					\$ 4,200,000
\$ 526,000					
\$ 800,000					
	\$ 1,500,000	\$ 1,500,000			
\$ 674,000					
\$ 1,100,000					
					\$ 2,320,000
					\$ 2,320,000
					\$ 15,500,000
\$ 30,000	\$ 30,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 100,000		\$ 100,000		\$ 100,000
\$ 665,000	\$ 1,050,000	\$ 650,000	\$ 850,000	\$ 650,000	\$ 850,000
\$ 355,000		\$ 300,000		\$ 300,000	
\$ 30,000					
\$ 100,000		\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000
\$ 100,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 200,000	\$ 200,000
		\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
		\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
					\$ 7,941,000
					\$ 2,039,000
\$4,380,000	\$2,980,000	\$3,400,000	\$2,000,000	\$1,950,000	\$38,120,000
\$ 1,050,000	\$ 700,000	\$ 618,000	\$ 700,000	\$ 700,000	\$ 700,000
					\$ 536,000
					\$ 264,000
\$ 1,100,000					
					\$ 96,000
					\$ 18,000
		\$ 23,000	\$ 24,000	\$ 25,000	\$ 179,000
		\$ 4,000	\$ 5,000	\$ 4,000	\$ 34,000
		\$ 105,000	\$ 121,000	\$ 124,000	\$ 128,000
		\$ 20,000	\$ 23,000	\$ 24,000	\$ 24,000
			\$ 100,000	\$ 100,000	
		\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
				\$ 200,000	\$ 300,000
		\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,717,000
		\$ 200,000	\$ 200,000		\$ 3,357,000
					\$ 96,000
					\$ 18,000
\$2,150,000	\$700,000	\$1,370,000	\$1,573,000	\$1,577,000	\$8,667,000
\$10,931,000	\$6,405,000	\$6,842,000	\$5,394,000	\$6,932,000	\$63,232,000



Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate	
10th St. Corridor (Fund Match)	Streets	Fees	N	\$ 100,000	
Accessibility Upgrades	Parks and Recreation	Fees	Y	\$ 60,000	
Annual Deteriorated Line Replacement	Water	Fees	Y	\$ 4,468,000	
Bland Reservoir No. 2	Water	Fees	N	\$ 536,000	
Bolton Reservoir Replacement	Water	Fees	Y	\$ 1,100,000	
Bolton Station Rehabilitation	General	Fees	N	\$ 1,000,000	
Capital maintenance Projects	Parks and Recreation	Fees	Y	\$ 100,000	
CedarOak Boat Ramp Parking Pavement	Parks and Recreation	Fees	Y	\$ 60,000	
City Hall Security/Access Improvements	General	Fees	N	\$ 250,000	
Deferred City Facility Capital Maintenance	General	Fees	N	\$ 100,000	
Demolish Abandoned View Drive Site Facilities	Water	Fees	N	\$ 96,000	
Disaster Recovery Infrastructure Hardware Refresh	Information Technology	Fees	N	\$ 75,000	
Hammerle Park Playground Renovation	Parks and Recreation	Fees	Y	\$ 15,000	
Hammerle Park Storm Drain and Drinking Fountain	Parks and Recreation	Fees	N	\$ 15,000	
Hammerle Park Tennis Court Renovation	Parks and Recreation	Fees	Y	\$ 15,000	
Highway 43 Design (MSY Park to I-205)	Environmental Services	Fees	Y	\$ 200,000	
Highway 43 Design (MSY Park to I-205)	Streets	Fees	Y	\$ 674,000	
Highway 43 Project (MSY Park to I-205)	Streets	Fees	N	\$ 2,320,000	
Highway 43 Grant Match (N City Limits to MSY Park)	Environmental Services	Fees	Y	\$ 1,000,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	Fees	Y	\$ 526,000	
Library Roof Replacement	General	Fees	N	\$ 300,000	
Mary S. Young Park Restroom Renovation	Parks and Recreation	Fees	N	\$ 50,000	
North Willamette Park Tennis Court Renovation	Parks and Recreation	Fees	Y	\$ 15,000	
North Willamette Park Tot Lot	Parks and Recreation	Fees	Y	\$ 10,000	
Old Police Station Rehabilitation	General	Fees	N	\$ 1,000,000	
Pedestrian & Bike Projects	Streets	Fees	Y	\$ 260,000	
Pressure Reducing Valve/Vault Improvements	Water	Fees	N	\$ 251,000	
Pump Station Telemetry and Pump Upgrades	Environmental Services	Fees	Y	\$ 625,000	
Reservoir Seismic Assessments and Repairs	Water	Fees	N	\$ 478,000	
Robinwood Station Rehabilitation	General	Fees	N	\$ 750,000	
Sahallie Illahee Park Playground Equipment	Parks and Recreation	Fees	N	\$ 75,000	
Skyline Ridge Tennis Court Renovation	Parks and Recreation	Fees	N	\$ 25,000	
Skyline Ridge Restroom	Parks and Recreation	Fees	N	\$ 75,000	
Street Crack Seal Program	Streets	Fees	Y	\$ 300,000	
Street Pavement Maintenance Program	Streets	Fees	Y	\$ 4,715,000	
Street Slurry Seal Program	Streets	Fees	Y	\$ 955,000	
Sunset Fire Hall Exterior Paint	Parks and Recreation	Fees	Y	\$ 25,000	
Sunset Park Renovation	Parks and Recreation	Fees	N	\$ 500,000	
Surface Water Maintenance Projects	Environmental Services	Fees	Y	\$ 900,000	
Surface Water Master Plan	Environmental Services	Fees	Y	\$ 135,000	
Surface Water Master Plan Projects	Environmental Services	Fees	Y	\$ 1,250,000	
Tanner Creek Park Tennis Court Renovation	Parks and Recreation	Fees	N	\$ 25,000	
Transportation System Plan Projects	Streets	Fees	Y	\$ 800,000	
Transportation System Plan Projects	Streets	Fees	N	\$ 1,000,000	

Capital Projects - By Source

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
						\$ 100,000
	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
	\$ 1,050,000	\$ 700,000	\$ 618,000	\$ 700,000	\$ 700,000	\$ 700,000
						\$ 536,000
	\$ 1,100,000					
					\$ 100,000	\$ 900,000
					\$ 50,000	\$ 50,000
		\$ 60,000				
					\$ 25,000	\$ 225,000
						\$ 100,000
						\$ 96,000
					\$ 50,000	\$ 25,000
		\$ 15,000				
						\$ 15,000
	\$ 15,000					
	\$ 200,000					
	\$ 674,000					
						\$ 2,320,000
	\$ 1,000,000					
	\$ 526,000					
						\$ 300,000
						\$ 50,000
				\$ 15,000		
				\$ 10,000		
			\$ 100,000		\$ 90,000	\$ 810,000
	\$ 30,000	\$ 30,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
			\$ 23,000	\$ 24,000	\$ 25,000	\$ 179,000
	\$ 325,000	\$ 300,000				
			\$ 105,000	\$ 121,000	\$ 124,000	\$ 128,000
					\$ 100,000	\$ 650,000
						\$ 75,000
						\$ 25,000
						\$ 75,000
		\$ 100,000		\$ 100,000		\$ 100,000
	\$ 665,000	\$ 1,050,000	\$ 650,000	\$ 850,000	\$ 650,000	\$ 850,000
	\$ 355,000		\$ 300,000		\$ 300,000	
				\$ 25,000		
						\$ 500,000
	\$ 500,000		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
	\$ 135,000					
		\$ 350,000	\$ 250,000	\$ 250,000	\$ 200,000	\$ 200,000
						\$ 25,000
	\$ 100,000		\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000
			\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000

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Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate	
Waste Water Major Maintenance Projects	Environmental Services	Fees	Y	\$ 600,000	
Waste Water Master Plan	Environmental Services	Fees	Y	\$ 105,000	
Waste Water Pipeline Rehabilitation	Environmental Services	Fees	Y	\$ 2,943,000	
Water System Improvement Projects	Water	Fees	Y	\$ 800,000	
Water System Improvement Projects	Water	Fees	N	\$ 3,317,000	
Water Telemetry (SCADA) System Upgrade	Water	Fees	N	\$ 96,000	
West Linn Operations Facility	General	Fees	N	\$ 10,000,000	
Willamette Falls Drive Corridor	Streets	Fees	N	\$ 7,941,000	
Willamette Park Grasscrete	Parks and Recreation	Fees	Y	\$ 40,000	
Virtual Server Farm Hardware Refresh	Information Technology	Fees	N	\$ 60,000	
Fees Subtotal:				\$53,131,000	
10th St. Corridor	Streets	SDC	N	\$ 1,750,000	
Bland Reservoir No. 2	Water	SDC	N	\$ 264,000	
Demolish Abandoned View Drive Site Facilities	Water	SDC	N	\$ 18,000	
Fields Bridge Park Shelters	Parks and Recreation	SDC	Y	\$ 300,000	
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	Parks and Recreation	SDC	Y	\$ 445,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	SDC	Y	\$ 800,000	
Highway 43 Project (MSY Park to I-205)	Streets	SDC	N	\$ 2,320,000	
Maddax Woods Park Development	Parks and Recreation	SDC	Y	\$ 150,000	
Marylhurst Park Development	Parks and Recreation	SDC	Y	\$ 350,000	
Parker Road Sidewalk	Parks and Recreation	SDC	Y	\$ 100,000	
Parks Master Plan Update	Parks and Recreation	SDC	Y	\$ 50,000	
Pedestrian & Bike Projects	Streets	SDC	Y	\$ 250,000	
Pressure Reducing Valve/Vault Improvements	Water	SDC	N	\$ 47,000	
Regional Trail System	Parks and Recreation	SDC	Y	\$ 700,000	
Reservoir Seismic Assessments and Repairs	Water	SDC	N	\$ 91,000	
Surface Water Master Plan	Environmental Services	SDC	Y	\$ 135,000	
Surface Water Master Plan Projects	Environmental Services	SDC	Y	\$ 600,000	
Surface Water SDC Update	Environmental Services	SDC	Y	\$ 30,000	
Tanner Creek Park Playground	Parks and Recreation	SDC	Y	\$ 50,000	

Capital Projects - By Source

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
		\$ 200,000			\$ 200,000	\$ 200,000
	\$ 105,000					
	\$ 300,000		\$ 712,000	\$ 431,000	\$ 750,000	\$ 750,000
			\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
			\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,717,000
						\$ 96,000
				\$ 100,000	\$ 900,000	\$ 9,000,000
						\$ 7,941,000
		\$ 40,000				
					\$ 40,000	\$ 20,000
	\$7,090,000	\$2,855,000	\$3,668,000	\$3,636,000	\$5,314,000	\$30,568,000
						\$ 1,750,000
						\$ 264,000
						\$ 18,000
	\$ 300,000					
	Forecast beyond current 6 year window					
	Forecast beyond current 6 year window					
	Forecast beyond current 6 year window					
		\$ 45,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
	\$ 800,000					
						\$ 2,320,000
	\$ 50,000	\$ 50,000	\$ 50,000			
	\$ 350,000					
		\$ 100,000				
	\$ 50,000					
		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
			\$ 4,000	\$ 5,000	\$ 4,000	\$ 34,000
		\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000
			\$ 20,000	\$ 23,000	\$ 24,000	\$ 24,000
	\$ 135,000					
		\$ 200,000	\$ 150,000	\$ 150,000	\$ 50,000	\$ 50,000
	\$ 30,000					
		\$ 50,000				

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Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate	
Transportation SDC Update	Streets	SDC	Y	\$ 30,000	
Transportation System Plan Projects	Streets	SDC	Y	\$ 1,250,000	
Transportation System Plan Projects	Streets	SDC	N	\$ 1,000,000	
Waste Water Master Plan	Environmental Services	SDC	Y	\$ 105,000	
Waste Water Master Plan Projects	Environmental Services	SDC	Y	\$ 1,800,000	
Waste Water SDC Update	Environmental Services	SDC	Y	\$ 30,000	
Water Master Plan Update	Water	SDC	Y	\$ 200,000	
Water System Improvement Projects	Water	SDC	Y	\$ 500,000	
Water System Improvement Projects	Water	SDC	N	\$ 3,757,000	
Water Telemetry (SCADA) System Upgrade	Water	SDC	N	\$ 18,000	
West A Street Pocket Park	Parks and Recreation	SDC	Y	\$ 35,000	
White Oak Savanna Improvements	Parks and Recreation	SDC	Y	\$ 600,000	
Willamette Falls Drive Corridor	Streets	SDC	N	\$ 2,039,000	
Willamette River Trail	Parks and Recreation	SDC	Y	\$ 870,000	
SDC Subtotal:				\$20,683,000	
10th St. Corridor (ODOT Contribution)	Streets	Grant	N	\$ 4,200,000	
CedarOak Boat Ramp Parking Pavement	Parks and Recreation	Grant	Y	\$ 240,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	Grant	Y	\$ 1,100,000	
Highway 43 Project (MSY Park to I-205)	Streets	Grant	N	\$ 15,500,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	Grant	Y	\$ 3,000,000	
I-205 Trail	Parks and Recreation	Grant	N	\$ 1,500,000	
Library Generator	Library	Grant	N	\$ 90,000	
Mary S. Young Circulation/Parking	Parks and Recreation	Grant	N	\$ 0,000	
RFID Security Tag Project	Library	Grant	Y	\$ 131,000	
Willamette Park Grasscrete	Parks and Recreation	Grant	Y	\$ 160,000	
Grant Subtotal:				\$25,921,000	
City-wide Trail Improvements	Parks and Recreation	Bond	N	\$ 0,000	
Bond Subtotal:				\$0	
Total All Sources:				\$99,736,000	

Capital Projects - By Source

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
	\$ 30,000					
	\$ 100,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 200,000	\$ 200,000
			\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
	\$ 105,000					
		\$ 600,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
	\$ 30,000					
				\$ 100,000	\$ 100,000	
					\$ 200,000	\$ 300,000
			\$ 200,000	\$ 200,000		\$ 3,357,000
						\$ 18,000
	\$ 30,000	\$ 5,000				
	\$ 500,000	\$ 100,000				
						\$ 2,039,000
	\$ 100,000	\$ 100,000	\$ 200,000	\$ 230,000	\$ 140,000	\$ 100,000
	\$2,610,000	\$1,650,000	\$1,674,000	\$1,528,000	\$1,758,000	\$11,374,000
						\$ 4,200,000
		\$ 240,000				
	\$ 1,100,000					
						\$ 15,500,000
		\$ 1,500,000	\$ 1,500,000			
						\$ 1,500,000
						\$ 90,000
	Forecast beyond current 6 year window					
	\$ 131,000					
		\$ 160,000				
	\$1,231,000	\$1,900,000	\$1,500,000	\$0	\$0	\$21,290,000
	To be determined					
	\$0	\$0	\$0	\$0	\$0	\$0
	\$10,931,000	\$6,405,000	\$6,842,000	\$5,394,000	\$6,932,000	\$63,232,000



Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate	
Accessibility Upgrades	Parks and Recreation	Fees	Y	\$ 60,000	
Annual Deteriorated Line Replacement	Water	Fees	Y	\$ 4,468,000	
Bolton Reservoir Replacement	Water	Fees	Y	\$ 1,100,000	
Capital maintenance Projects	Parks and Recreation	Fees	Y	\$ 100,000	
CedarOak Boat Ramp Parking Pavement	Parks and Recreation	Fees	Y	\$ 60,000	
CedarOak Boat Ramp Parking Pavement	Parks and Recreation	Grant	Y	\$ 240,000	
Fields Bridge Park Shelters	Parks and Recreation	SDC	Y	\$ 300,000	
Future Regional Park	Parks and Recreation	SDC	Y	\$ 445,000	
Hammerle Park Playground Renovation	Parks and Recreation	Fees	Y	\$ 15,000	
Hammerle Park Tennis Court Renovation	Parks and Recreation	Fees	Y	\$ 15,000	
Highway 43 Design (MSY Park to I-205)	Environmental Services	Fees	Y	\$ 200,000	
Highway 43 Design (MSY Park to I-205)	Streets	Fees	Y	\$ 674,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	Grant	Y	\$ 1,100,000	
Highway 43 Grant Match (N City Limits to MSY Park)	Environmental Services	Fees	Y	\$ 1,000,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	Fees	Y	\$ 526,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	SDC	Y	\$ 800,000	
Highway 43 Project (N City Limits to MSY Park)	Streets	Grant	Y	\$ 3,000,000	
Maddax Woods Park Development	Parks and Recreation	SDC	Y	\$ 150,000	
Marylhurst Park Development	Parks and Recreation	SDC	Y	\$ 350,000	
North Willamette Park Tennis Court Renovation	Parks and Recreation	Fees	Y	\$ 15,000	
North Willamette Park Tot Lot	Parks and Recreation	Fees	Y	\$ 10,000	
Parker Road Sidewalk	Parks and Recreation	SDC	Y	\$ 100,000	
Parks Master Plan Update	Parks and Recreation	SDC	Y	\$ 50,000	
Pedestrian & Bike Projects	Streets	SDC	Y	\$ 250,000	
Pedestrian & Bike Projects	Streets	Fees	Y	\$ 260,000	
Pump Station Telemetry and Pump Upgrades	Environmental Services	Fees	Y	\$ 625,000	
Regional Trail System	Parks and Recreation	SDC	Y	\$ 700,000	
RFID Security Tag Project	Library	Grant	Y	\$ 131,000	
Street Crack Seal Program	Streets	Fees	Y	\$ 300,000	

Capital Projects - Funded

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
	\$ 1,050,000	\$ 700,000	\$ 618,000	\$ 700,000	\$ 700,000	\$ 700,000
	\$ 1,100,000					
					\$ 50,000	\$ 50,000
		\$ 60,000				
		\$ 240,000				
	\$ 300,000					
		\$ 45,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
		\$ 15,000				
	\$ 15,000					
	\$ 200,000					
	\$ 674,000					
	\$ 1,100,000					
	\$ 1,000,000					
	\$ 526,000					
	\$ 800,000					
		\$ 1,500,000	\$1,500,000			
	\$ 50,000	\$ 50,000	\$ 50,000			
	\$ 350,000					
				\$ 15,000		
				\$ 10,000		
		\$ 100,000				
	\$ 50,000					
		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 30,000	\$ 30,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	\$ 325,000	\$ 300,000				
		\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000
	\$ 131,000					
		\$ 100,000		\$ 100,000		\$ 100,000

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Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate	
Street Pavement Maintenance Program	Streets	Fees	Y	\$ 4,715,000	
Street Slurry Seal Program	Streets	Fees	Y	\$ 955,000	
Sunset Fire Hall Exterior Paint	Parks and Recreation	Fees	Y	\$ 25,000	
Surface Water Maintenance Projects	Environmental Services	Fees	Y	\$ 900,000	
Surface Water Master Plan	Environmental Services	Fees	Y	\$ 135,000	
Surface Water Master Plan	Environmental Services	SDC	Y	\$ 135,000	
Surface Water Master Plan Projects	Environmental Services	Fees	Y	\$ 1,250,000	
Surface Water Master Plan Projects	Environmental Services	SDC	Y	\$ 600,000	
Surface Water SDC Update	Environmental Services	SDC	Y	\$ 30,000	
Tanner Creek Park Playground	Parks and Recreation	SDC	Y	\$ 50,000	
Transportation SDC Update	Streets	SDC	Y	\$ 30,000	
Transportation System Plan Projects	Streets	SDC	Y	\$ 1,250,000	
Transportation System Plan Projects	Streets	Fees	Y	\$ 800,000	
Waste Water Major Maintenance Projects	Environmental Services	Fees	Y	\$ 600,000	
Waste Water Master Plan	Environmental Services	Fees	Y	\$ 105,000	
Waste Water Master Plan	Environmental Services	SDC	Y	\$ 105,000	
Waste Water Master Plan Projects	Environmental Services	SDC	Y	\$ 1,800,000	
Waste Water Pipeline Rehabilitation	Environmental Services	Fees	Y	\$ 2,943,000	
Waste Water SDC Update	Environmental Services	SDC	Y	\$ 30,000	
Water Master Plan Update	Water	SDC	Y	\$ 200,000	
Water System Improvement Projects	Water	Fees	Y	\$ 800,000	
Water System Improvement Projects	Water	SDC	Y	\$ 500,000	
West A Street Pocket Park	Parks and Recreation	SDC	Y	\$ 35,000	
White Oak Savanna Improvements	Parks and Recreation	SDC	Y	\$ 600,000	
Willamette Park Grasscrete	Parks and Recreation	Fees	Y	\$ 40,000	
Willamette Park Grasscrete	Parks and Recreation	Grant	Y	\$ 160,000	
Willamette River Trail	Parks and Recreation	SDC	Y	\$ 870,000	
Total Funded:				\$36,707,000	

Capital Projects - Funded

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
	\$ 665,000	\$ 1,050,000	\$ 650,000	\$ 850,000	\$ 650,000	\$ 850,000
	\$ 355,000		\$ 300,000		\$ 300,000	
				\$ 25,000		
	\$ 500,000		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
	\$ 135,000					
	\$ 135,000					
		\$ 350,000	\$ 250,000	\$ 250,000	\$ 200,000	\$ 200,000
		\$ 200,000	\$ 150,000	\$ 150,000	\$ 50,000	\$ 50,000
	\$ 30,000					
		\$ 50,000				
	\$ 30,000					
	\$ 100,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 200,000	\$ 200,000
	\$ 100,000		\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000
		\$ 200,000			\$ 200,000	\$ 200,000
	\$ 105,000					
	\$ 105,000					
		\$ 600,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
	\$ 300,000		\$ 712,000	\$ 431,000	\$ 750,000	\$ 750,000
	\$ 30,000					
				\$ 100,000	\$ 100,000	
			\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
					\$ 200,000	\$ 300,000
	\$ 30,000	\$ 5,000				
	\$ 500,000	\$ 100,000				
		\$ 40,000				
		\$ 160,000				
	\$ 100,000	\$ 100,000	\$ 200,000	\$ 230,000	\$ 140,000	\$ 100,000
	\$10,931,000	\$6,405,000	\$5,690,000	\$4,221,000	\$4,750,000	\$4,710,000

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Summary Spreadsheet

Project Name	Fund	Source	Funded	Cost Estimate	
10th St. Corridor	Streets	SDC	N	\$ 1,750,000	
10th St. Corridor (Fund Match)	Streets	Fees	N	\$ 100,000	
10th St. Corridor (ODOT Contribution)	Streets	Grant	N	\$ 4,200,000	
Bland Reservoir No. 2	Water	Fees	N	\$ 536,000	
Bland Reservoir No. 2	Water	SDC	N	\$ 264,000	
Bolton Station Rehabilitation	General	Fees	N	\$ 1,000,000	
City Hall Security/Access Improvements	General	Fees	N	\$ 250,000	
City-wide Trail Improvements	Parks and Recreation	Bond	N	\$ 0,000	
Deferred City Facility Capital Maintenance	General	Fees	N	\$ 100,000	
Demolish Abandoned View Drive Site Facilities	Water	Fees	N	\$ 96,000	
Demolish Abandoned View Drive Site Facilities	Water	SDC	N	\$ 18,000	
Disaster Recovery Infrastructure Hardware Refresh	Information Technology	Fees	N	\$ 75,000	
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	
Hammerle Park Storm Drain and Drinking Fountain	Parks and Recreation	Fees	N	\$ 15,000	
Highway 43 Project (MSY Park to I-205)	Streets	Fees	N	\$ 2,320,000	
Highway 43 Project (MSY Park to I-205)	Streets	Grant	N	\$ 15,500,000	
Highway 43 Project (MSY Park to I-205)	Streets	SDC	N	\$ 2,320,000	
I-205 Trail	Parks and Recreation	Grant	N	\$ 1,500,000	
Library Generator	Library	Grant	N	\$ 90,000	
Library Roof Replacement	General	Fees	N	\$ 300,000	
Mary S. Young Circulation/Parking	Parks and Recreation	Grant	N	\$ 0,000	
Mary S. Young Park Restroom Renovation	Parks and Recreation	Fees	N	\$ 50,000	
Old Police Station Rehabilitation	General	Fees	N	\$ 1,000,000	
Pressure Reducing Valve/Vault Improvements	Water	Fees	N	\$ 251,000	
Pressure Reducing Valve/Vault Improvements	Water	SDC	N	\$ 47,000	
Reservoir Seismic Assessments and Repairs	Water	Fees	N	\$ 478,000	
Reservoir Seismic Assessments and Repairs	Water	SDC	N	\$ 91,000	
Robinwood Station Rehabilitation	General	Fees	N	\$ 750,000	
Sahallie Illahee Park Playground Equipment	Parks and Recreation	Fees	N	\$ 75,000	
Skyline Ridge Tennis Court Renovation	Parks and Recreation	Fees	N	\$ 25,000	
Skyline Ridge Restroom	Parks and Recreation	Fees	N	\$ 75,000	
Sunset Park Renovation	Parks and Recreation	Fees	N	\$ 500,000	
Tanner Creek Park Tennis Court Renovation	Parks and Recreation	Fees	N	\$ 25,000	
Transportation System Plan Projects	Streets	Fees	N	\$ 1,000,000	
Transportation System Plan Projects	Streets	SDC	N	\$ 1,000,000	
Water System Improvement Projects	Water	Fees	N	\$ 3,317,000	
Water System Improvement Projects	Water	SDC	N	\$ 3,757,000	
Water Telemetry (SCADA) System Upgrade	Water	Fees	N	\$ 96,000	
Water Telemetry (SCADA) System Upgrade	Water	SDC	N	\$ 18,000	
West Linn Operations Facility	General	Fees	N	\$ 10,000,000	
Willamette Falls Drive Corridor	Streets	Fees	N	\$ 7,941,000	
Willamette Falls Drive Corridor	Streets	SDC	N	\$ 2,039,000	
Virtual Server Farm Hardware Refresh	Information Technology	Fees	N	\$ 60,000	
Total Unfunded:				\$63,029,000	
Total All Projects Funded and Unfunded:				\$99,736,000	

Capital Projects - Unfunded

FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
					\$ 1,750,000
					\$ 100,000
					\$ 4,200,000
					\$ 536,000
					\$ 264,000
				\$ 100,000	\$ 900,000
				\$ 25,000	\$ 225,000
	To be determined				
					\$ 100,000
					\$ 96,000
					\$ 18,000
				\$ 50,000	\$ 25,000
	Forecast beyond current 6 year window				
	Forecast beyond current 6 year window				
	Forecast beyond current 6 year window				
					\$ 15,000
					\$ 2,320,000
					\$ 15,500,000
					\$ 2,320,000
					\$ 1,500,000
					\$ 90,000
					\$ 300,000
	Forecast beyond current 6 year window				
					\$ 50,000
			\$ 100,000	\$ 90,000	\$ 810,000
			\$ 23,000	\$ 24,000	\$ 179,000
			\$ 4,000	\$ 5,000	\$ 34,000
			\$ 105,000	\$ 121,000	\$ 128,000
			\$ 20,000	\$ 23,000	\$ 24,000
				\$ 100,000	\$ 650,000
					\$ 75,000
					\$ 25,000
					\$ 75,000
					\$ 500,000
					\$ 25,000
			\$ 250,000	\$ 250,000	\$ 250,000
			\$ 250,000	\$ 250,000	\$ 250,000
			\$ 200,000	\$ 200,000	\$ 2,717,000
			\$ 200,000	\$ 200,000	\$ 3,357,000
					\$ 96,000
					\$ 18,000
				\$ 100,000	\$ 9,000,000
					\$ 7,941,000
					\$ 2,039,000
				\$ 40,000	\$ 20,000
\$0	\$0	\$0	\$1,152,000	\$1,173,000	\$2,182,000
\$0	\$10,931,000	\$6,405,000	\$6,842,000	\$5,394,000	\$6,932,000
					\$63,232,000



Contact Us

Your West Linn Capital Project Managers:

Public Works Director | Lance Calvert, P.E., lcalvert@westlinnoregon.gov
Management Analyst | Morgan Coffie, mcoffie@westlinnoregon.gov
Contact Lance or Morgan with questions about planned water, streets, waste water,
and surface water projects.

Parks & Recreation Director | Ken Worcester, kworcester@westlinnoregon.gov
Contact Ken with questions about planned parks projects.

Finance Director | Lauren Breithaupt, lbreithaupt@westlinnoregon.gov
Contact the Finance Director with general questions about City finances, forecasts, budgets,
taxes, and debt.