

## **CAPITAL IMPROVEMENT PLAN**



SHERWOOD CANNERY SQUARE AND SHERWOOD CENTER FOR THE ARTS

FY 2018/19-2023/24

JULY 1, 2018

CITY OF SHERWOOD, OREGON

#### City of Sherwood, Oregon

22560 SW Pine Street Sherwood, OR 97140

Capital Improvement Plan

Fiscal Year 2018-2019

#### **City Council**

Mayor
Council President
Sean Garland
Council Member
Kim Young

#### **City Staff**

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City Manager
Assistant City Manager
Finance Director
Public Works Director
Community Development Director
Community Services Director
City Engineer

Joseph Gall, ICMA-CM Thomas Pessemier, ICMA-CM Katie Henry Craig Sheldon Julia Hajduk Kristen Switzer Robert Galati, P.E.

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22560 SW Pine Street Sherwood, OR 97140

Capital Improvement Plan

Fiscal Year 2018-2019

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Mayor Keith Mays
Council President Sean Garland
Council Member Jennifer Kuiper
Council Member Renee Brouse
Council Member Tim Rosener
Council Member Russell Griffin
Council Member Kim Young

#### **City Senior Leadership**

City Manager
Assistant City Manager
Finance Director
Public Works Director
Community Development Director
Community Services Director
City Engineer

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Old Town Sidewalk Improvements	URA-2
Old Town Alley Pavement Improvements	URA-3
Sherwood Blvd Property Sanitary Sewer Extension	URA-5



### **EXECUTIVE SUMMARY**

## SHERWOOD FIVE YEAR CAPITAL IMPROVEMENT PLAN (FISCAL YEARS 2018 TO 2023)

The City of Sherwood's Capital Improvement Plan (CIP) establishes, prioritizes, and defines funding for capital projects to improve existing systems and develop new infrastructure and facilities. The use of a CIP promotes better use of the City's limited financial resources, reduces costs, focuses priorities, and assists in the coordination of public and private development.

The City's CIP is a five year planning document which identifies the major capital improvement expenditures and gives a proposed sequence of implementing their construction. The CIP serves as a long range dynamic plan since the plan is reviewed and revised annually to account for completed and newly identified projects. In addition, City priorities may change due to funding opportunities or circumstances that have caused a more rapid deterioration of assets or greater need identified elsewhere.

As a basic tool for documenting anticipated capital improvement expenditures, the listing of projects includes "unfunded" projects in which needs have been identified, but specific solutions and funding resources have not been determined.

#### THE CIP PROCESS

The CIP is the result of an ongoing infrastructure planning process, which provides flexibility and takes advantage of opportunities for funding capital improvement expenditures. The Fiscal Years 2018-2023 CIP is developed utilizing adopted policies and current master plans, input from the public, professional peer review, and review and approval of the City's elected officials. A draft CIP is made available to the general public and elected officials for review and comment. Input from the public occurs at many levels. As Master Plans are developed and adopted, there are public input opportunities to ensure that the plans reflect community input and need.

Throughout the year staff and Council receive comments, suggestions and concerns from the public related to needed improvements which are incorporated into the CIP as appropriate. As part of the CIP development and adoption process for the one-year and five-year plans, the public is encouraged to provide comments. The CIP is presented to the City Council for adoption. The projects and project schedules shown in the CIP are part of the basis for preparation of the City's overall budget and staff allocations for that year.

#### HOW PROJECTS ARE ADDED TO OR REMOVED FROM THE CIP

The CIP development and review team consists of City staff and department directors who are responsible for development of the CIP project list, reviewing proposed CIP project scopes and schedules, and finally submitting recommendations to the City Manager. The City Manager recommendation is then presented to the City Council.



Typically there are more project requests than can be funded in the five-year CIP period, so the CIP Review Team conducts an internal project ranking of each project relative to all others. The criteria used in this internal ranking include, but are not limited to the following;

- Council Goals Supports the goals established by the City Council. Meets the city-wide long-term goals and is based upon Master Plan recommendations.
- Master Plan Proposed upgrade or expansion of infrastructure systems is identified in one of the City's Master Plans.
- Health and Safety Enhances, improves, or protects the overall health, safety and welfare of the City's residents.
- Regulatory Requirement Proposed upgrade or expansion satisfies regulatory or mandated requirements, standards and specifications.
- Outside Funding/Partnership That funding sources other than dedicated City resources, are identified, requested, committed, or
- Upgrade Serviceability To determine if the project has the potential to coincide with other CIP projects to minimize financial costs and development impacts, and to maintain and enhance the efficiency of providing services to the citizens of the City.

The CIP Review Team also considers public input received throughout the year along with additional identified areas of concern to determine if projects need to be added to the CIP master document. They then analyze the financial impact of the CIP as well as the City's ability to process, design, construct, and ultimately maintain the constructed infrastructure. It is the intent that the review team will meet periodically throughout the year to evaluate the progress of the projects, and determine future needs of the City.

The overall goal of the CIP Review Team is to develop CIP recommendations that:

- Preserve the past by investing in the continued upgrades of City assets and infrastructure;
- Protect the present by performing improvements to existing infrastructure and facilities;
   and
- Plan for the future.

Items such as minor equipment and routine expenses will not be included in the CIP as they are accounted for in other budget items of the City's annual budget. In addition, the operating or maintenance impact of the proposed CIP projects are not included in the CIP project costs. These costs will be accounted for in other budget items of the City's annual budget.

#### CIP CATEGORIES

Because there are several different funding sources for capital projects, which have limitations on how the funds can be used, projects within the CIP fall within 5 primary categories:

- 1) Transportation Projects
  - a) Transportation Capital Projects
  - b) Transportation Maintenance Projects
  - c) Pedestrian Capital Projects
  - d) Neighborhood Traffic Management/Calming



- 2) Utility Infrastructure Projects
  - a) Stormwater Capital Projects
  - b) Stormwater Maintenance Projects
  - c) Sanitary Sewer Capital Projects
  - d) Sanitary Sewer Maintenance Projects
  - e) Water System Capital Projects
  - f) Water System Maintenance Projects
- 3) General Construction Capital Projects
- 4) Urban Renewal Agency (URA) Projects
  - a) URA Capital Projects
- 5) Parks Projects
  - a) Parks Capital Projects

The CIP document is designed to forecast capital needs for the next five years. The CIP will be reviewed, revised and updated every year as part of the annual City budget development process.

#### **HOW THE CIP IS FUNDED**

The purpose of the CIP is two-fold. The one-year CIP identifies specific projects with certain funding availability which will be completed (or started) over the next fiscal year. The five-year CIP is a bit more aspirational as funding availability is not certain. The City may receive more or less revenue depending on development growth, and other revenue sources. In addition, the City may obtain outside funding for projects through grants, county, regional, state or federal allocation of funds. For this reason, the five-year CIP list may include more projects than will actually be able to be funded or constructed within the five-year time period. The CIP is updated annually in order to reflect new information and projections.

The nature and cost of the project generally determine the financing options as well as the projected revenue resources utilized by the project. The following financial resources are evaluated for funding use:

- Outside Funding including grants, federal, state, county funds and donations.
- Development Fees system development charges (SDC's).
- Utility Rate Revenue.
- Debt secured by a restricted revenue source.
- General Obligation Debt.

#### PROJECT LISTS AND DETAIL SHEETS

A complete listing of all the CIP projects is included in Section C. The one-year and five-year project descriptions are included in Section A and Section B of the CIP respectively.

The project detail sheet provides the following information:

- A project location map showing the location and extents of the project.
- The estimated project design/construction cost.
- Identifying which Project Ranking Criteria is being used.



- The project type and priority (e.g., short-term, medium-term, long-term).
- A project description along with a description of the long-term operating and maintenance issues and costs.
- The fiscal year funding is needed within and which funding sources are planned on being used.

#### **COMPLETED PROJECTS**

This document generally represents Master Plan projects identified through updates prior to 2016. As projects are completed, they will be marked as such on the detail sheet but remain in the document for posterity. When Master Plans are updated, generally every 5-7 years, the CIP document will be comprehensively updated with new or modified projects and the completed projects will be removed.

## CAPITAL IMPROVEMENT PLAN SECTION A ONE-YEAR CAPITAL PROJECTS LIST

#### **ONE-YEAR CAPITAL IMPROVEMENT PROJECT LISTING**

The following project list shows all capital projects (including those projects funded with operational, capital & other funds) proposed for the FY 2018-2019 budget cycle. These projects are a compilation of projects from the City's Master Plans, and Engineering and Public Works identified infrastructure improvement projects. Not all projects on this table are shown under the Current Year Capital Projects page of the budget, but all projects are included in the FY 2018-2019 budget.

Pg#	Project Title	Estimated Project Cost	Previous Fiscal Year's Expend.	Estimated FY18/19 Expend.	Future Fiscal Year's Expend.	Note
T 29	Sunset Blvd/ Hwy 99W Improvement (Design)	991,262	84,876	117,209	789,177	
T 20	Kruger/Elwert Intersection Improvements	1,687,036	1,359,077	32,597	295,362	1
T 2	Tualatin-Sherwood Rd Widening Coordination with the County	150,000	75,000	25,000	50,000	1
T 9 & SD 7	Oregon St Improvements	6,155,448	0	478,320	5,677,128	
P 45	Sunset Blvd Sidewalk Infill	243,672	28,626	215,046	0	
M1-1	Galbreath Dr from Gerda Ln to Power Lines	197,720	0	197,720	0	
M1-2	Foundry St from Willamette End of Street	220,870	0	220,870	0	
M1-3	Sunset Blvd between Richen Park and Eucalyptus St	422,710	0	422,710	0	
M1-4	Washington St from 2 <sup>nd</sup> St to 3 <sup>rd</sup> St	89,820	0	89,820	0	
M1-4	Washington St from Willamette St to Barricade	114,920	0	114,920	0	
SD 8	2 <sup>nd</sup> St & Park St Storm Water Facility Rehab	375,944	72,305	303,639	0	
M3-33	Murdock Apt. Swale	271,718	50,000	221,718	0	
M3-23	Citywide Catch Basin Remediation Program	480,000	60,000	60,000	360,000	2
M3-25	Cascade Court Drainage	50,000	0	50,000	0	
M3-28	Woodhaven Swales	502,450	0	102,450	400,000	
M3-30	Water Quality Facility Refurbishments	400,000	0	100,000	300,000	
M3-31	Cedarbrook Outfall Project	76,988	13,300	63,698		
SS 25	Brookman Sanitary Sewer Conveyance Extension	2,055,777	18,540	37,237	2,000,000	3
SS 6	Washington St Sewer Rehab	52,750	0	52,750	0	
SS 4	Rock Creek Trunk Capacity Upgrade Ph 1	736,671	0	105,441	631,230	
SS 7	Rock Creek Trunk Capacity Upgrade Ph 2	651,229	0	82,441	568,788	
W 10	Brookman Expansion – Loop from Prop SW Sherwood PRV to Hwy 99W	68,000	0	68,000	0	

Pg#	Project Title	Estimated Project Cost	Previous Fiscal Year's Expend.	Estimated FY18/19 Expend.	Future Fiscal Year's Expend.	Note
W-1	Water Treatment Plant Surge Mitigation	622,514	115,000	507,514		
W 3	Water Treatment Plant Capacity Increase from 5.0mgd	745,000	62,593	80,320	602,087	
	Water Treatment Plant 20.0 mgt Expansion	1,282,847		205,455	1,077,392	
W 23	Routine Waterline Replacement Program	400,000	50,000	50,000	300,000	
W 28	Upgrade SCADA System	98,650	0	98,650	0	
W 3	Generator and Electrical Upgrade at WTP	3,840,070		624,666	3,215,404	
W 31	Update Resiliency Plan	182,201	0	182,201	0	
W 11	Brookman Expansion – Loop from Prop SW Sherwood PRV to Hwy 99W (M 8)	204,000	0	204,000	0	
W 12	Brookman Expansion – Loop from Prop SW Sherwood PRV to Hwy 99W (M 9)	239,000	0	239,000	0	
W 13	TEA Expansion Loop – Loop with Existing Oregon St Mains	154,000	0	154,000	0	
W 24	SW Sherwood PRV	150,000	0	150,000	0	
W 29	Update Water Management and Conservation Plan	75,000	50,000	25,000	0	
W 8	Fire Flow – Norton Ave	141,500	0	141,500	0	
W 30	Water Life Safety and Seismic Upgrades	502,331	82,000	213,018	207,313	
PK 5	Parks Master Plan and SDC Update	175,000	0	175,000	0	
P13	Cedar Creek Trail	865,000	483,100	381,900		4
P18b	Ice Age Tonquin Trail WCVA Bike stations	55,000	20,000	35,000		5
P18a	Ice Age Tonquin Trail Way Finding Signage Project	105,000	35,010	69,990	0	5
PK 1	Dog Park Design – North of Hwy 99W	105,000	5,000	100,000	0	
PK 2	Skate Park Design and Construction	580,000	18,957	561,043	0	6

#### **Keyed Notes**

- 1. Project is being designed and constructed under an Inter-Governmental Agreement (IGA) with WACO, and funded out of MSTIP funds. Costs shown here are City costs only for the land acquisition and/or staff time coordinating the project with Washington County
- 2. Project is ongoing yearly replacement program and may extend beyond the five year timeline
- 3. CWS project; funds shown here are anticipated local contribution
- 4. Regionally funded project; only local match amount shown here
- 5. Project budgeted amount based on funding by other than City funding sources (WACO Visitors Association Bicycle Way Finding Grant, Metro Nature in the Neighborhood Way Finding Grant).
- 6. Project assumes grant funding obtained for construction of the Skate Park. If funds are not awarded, the project will be scaled back

## CAPITAL IMPROVEMENT PLAN SECTION B FIVE-YEAR CAPITAL PROJECTS LIST

Surset Box49Pine St Intersection Improvements   \$ 6,000			mated ost		17/18 r prior)		18/19		19/20		20/21	2	1/22		22/23	23/24	F	uture
Staget Design of Staget Flower Relation   Province Interaction   Staget Plant	STREET PROJ	ECTS	S; INC	CLU	JDING	ST	ORM A	NI	D SANI	TA	RY AS	APF	LICA	BLE				
Staget Design of Staget Flower Relation   Province Interaction   Staget Plant	Sunset houlevard/Highway 99 W improvement (design)	\$ 9	91 262	s	84 876	\$	117 209	\$	789 177	s		s		s				
Tradition-Shemmood Road widening coordination with Country   \$ 150,000   \$ 75,000   \$ 2,000   \$ 60,	Kruger/Elwert Intersection improvements, City contribution																	
Dispose   Simposementa (Design and Construction Conductors angonal VIVO)   \$ 243,072   \$ 23,076   \$ 245,076   \$ 240,076   \$	·																	
Surnet Blivia devokarinitis	Oregon St Improvements (Design and Construction;			φ	75,000			φ	30,000	\$	4,257,846	\$ 1,	419,284					
Prop   Steel   Proque   Rd & Mardock Rd Improvements   \$2,624,000   \$1,850,000	Sunset Blvd sidewalk infill	\$ 2	43,672	\$	28,626	\$	215,046	\$	-	\$	-	\$	-	\$	-			
Pies Steef Pisase II	Sunset Blvd/Pine St Intersection Improvements	\$	6,000					\$	6,000									
Searchard from Carried Lane to Power Lines (grind and overlay)   \$ 197,720	•									\$	500,000	\$ 2,	124,000	\$	1,850,000			
S		\$ 10	02,813					\$	102,813									
Surset Boulevard between Richman Park and Eucalyptus (grind and overlay)   S 422,710   S		\$ 1	97,720			\$	197,720											
Gernal and overlay    S   422,70   S   422	•	\$ 2	20,870			\$	220,870											
Veconstruct    \$ 88,820   \$ 8,9,900   \$ 8,9,900   \$ 8,9,900   \$ 8,9,900   \$ 8,9,900   \$	(grind and overlay)	\$ 4	22,710			\$	422,710											
Main Street from Railload to Sunset (grind and overlay)   \$ 20,000   \$ 20,0	(reconstruct)	\$	89,820			\$	89,820											
Ladd Hill from Surset for City limits (grind and overlay)   \$ 121,000   \$ \$ 121,000   \$ \$ 214,000   \$ \$ 214,000   \$ \$ 214,000   \$ \$ 214,000   \$ \$ 214,000   \$ \$ 214,000   \$ \$ 214,000   \$ \$ \$ 93,000   \$ \$ 93,000   \$ \$ 93,000   \$ \$ 180,000   \$ 180,000   \$	(reconstruct)	\$ 1	14,920			\$	114,920											
Division Street from Street from Street from Street from Merriman to Williamete (reconstruct)   \$ 93,000   \$ 93,000   \$ 180,	Main Street from Railroad to Sunset (grind and overlay)	\$ 2	00,000					\$	200,000									
Reconstruct    \$ 214,000		\$ 1:	21,000					\$	121,000									
Shaumburg from Division to end of road (reconstruct)   \$ 180,000   \$ 145,000   \$ 145,000   \$ 145,000   \$ 145,000   \$ 145,000   \$ 145,000   \$ 145,000   \$ 145,000   \$ 145,000   \$ 154,000	(reconstruct)																	
Washington from Tualatin to Shaumburg (reconstruct) \$ 145,000		_						\$	93,000									
Oregon Street from Hall to Brickyard (reconstruct)   \$ 182,000	Shaumburg from Division to end of road (reconstruct)	\$ 1	80,000							\$	180,000							
Street from Hall to Brickyard (reconstruct)   Street from Brickyard to Roundabout (grind and overlay)   Street from Brickyard to Roundabout (grind and overlay)   Street between Edy Road and Roy Rogers (grind and overlay)   Stephens between Edy Road and Roy Rogers (grind and overlay)   Stephens between Roy Rogers and Sydney (grind and overlay)   Stephens between Roy Rogers and Sydney (grind and overlay)   Stephens between Roy Rogers and Sydney (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Sherwood Blvd to Holland (grind and overlay)   Stephens from Oricut to Prine (reconstruct)   Stephens from Oricut (reconstruct)   Stephens from Oricut (reconstruct)   Stephens from Ori	Washington from Tualatin to Shaumburg (reconstruct)																	
Second   Steet from Brickyard to Roundabout (grind and overlay)   Second	., ., ., ., ., ., ., ., ., ., ., ., ., .	-																
Borchers between Edy Road and Roy Rogers (grind and overlay)   \$ 164,000   \$ 164,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 28,000   \$ 342,00	Oregon Street from Brickyard to Roundabout (grind and																	
S   164,000		\$	78,000							\$	78,000							
Langer Drive from Sherwood Blvd to Holland (grind and overlay)   \$ 342,000   \$ 342,000   \$ 342,000   \$ 342,000   \$ 342,000   \$ 345,000	overlay) Borchers between Roy Rogers and Sydney (grind and	\$ 10	64,000									\$	164,000					
Sada	overlay)	\$	28,000									\$	28,000					
Willamette Street from Norton to Foundry (reconstruct)       \$ 137,000       \$ 137,000         Willamette Street from Orcutt to Pine (reconstruct)       \$ 79,000       \$ 79,000         Mansfield from Division to Smock (reconstruct)       \$ 183,000       \$ 183,000         Stormwater         Oregon Street Regional WQF       \$ 704,404       \$ 324,184       \$ 380,220         2nd & Park St Storm Water Facility Rehab (Design & construction)       \$ 375,944       \$ 72,305       \$ 303,639         Gleneagle Dr Storm Water Facility       \$ 120,000       \$ 120,000       \$ 120,000         Gleneagle Willage Storm Water Facility       \$ 120,000       \$ 120,000         Extended detention Basin, N side of Oregon Street       \$ 149,930       \$ - \$ - \$ - \$ - \$ - \$ - \$ 149,930         St Charles (North) Storm Water Facility       \$ 85,000       \$ 85,000         St Charles (South) Storm Water Facility       \$ 95,000       \$ 95,000         Murdock Apartment swale       \$ 271,718       \$ 50,000       \$ 95,000         St Charles (South) Storm Water Facility       \$ 95,000       \$ 95,000         Citywide Catch Basin Remediation program       \$ 480,000       \$ 60,000       \$ 60,000       \$ 60,000       \$ 60,000       \$ 60,000       \$ 60,000       \$ 60,000       \$ 60,000       \$ 60,000       \$ 60,000	overlay)																	
Mansfield from Division to Smock (reconstruct)   \$ 183,000   \$ 1	Baler between T/S Road and Langer (grind and overlay) Willamette Street from Norton to Foundry (reconstruct)											\$	45,000	\$	137,000			
Stormwater   Sto	Willamette Street from Orcutt to Pine (reconstruct)	\$	79,000											\$	79,000			
Stormwater   Sto	Mansfield from Division to Smock (reconstruct)	-	83,000												183,000			
Step	Timbrel from Middleton to Sunset (grind and overlay)	\$	18,000		C.									\$	18,000			
2nd & Park St Storm Water Facility Rehab (Design & construction) \$ 375,944 \$ 72,305 \$ 303,639 \$ \$ 120,000 \$ 120,000 \$ \$ 120,00	Oregon Street Regional WQF	\$ 7	04.404		31				380,220									
September   Storm Water Facility   \$ 120,000   \$ 120	2nd & Park St Storm Water Facility Rehab (Design &		75.044		70.005			Ť										
Step				\$	72,305	\$	303,639	\$	120,000									
St Charles (North) Storm Water Facility \$ 85,000 St Charles (South) Storm Water Facility \$ 95,000 St Charles (South) Storm Water Facility \$ 85,000 St Charles (South) Storm Water Facili	Gleneagle Village Storm Water Facility																	
St Charles (South) Storm Water Facility \$ 95,000   \$ 95	Extended detention Basin, N side of Oregon Street		-,	\$	-	\$	-	\$	-			\$	-	\$	149,930			
Murdock Apartment swale       \$ 271,718       \$ 50,000       \$ 221,718       \$ 60,000       \$ 60,0																		
Citywide Catch Basin Remediation program       \$ 480,000       \$ 60,000	St Charles (South) Storm Water Facility  Murdock Apartment swale			\$	50,000	\$	221,718			Ф	90,000							
Drainage Swale Upgrade - Stella Olsen Park       \$ 110,000       \$ 110,000       \$ 110,000         May Court (draingage)       \$ 110,000       \$ 50,000       \$ 25,000         Willamette Street near Kathy Street       \$ 25,000       \$ 25,000         Mchael Court and Lowell       \$ 140,000       \$ 140,000         Woodhaven Swales       \$ 502,450       \$ 102,450       \$ 100,000       \$ 100,000       \$ 100,000         Golden Pond Swale       \$ 25,000       \$ 25,000       \$ 50,000       \$ 5	Citywide Catch Basin Remediation program	_						\$	60,000	\$	60,000	\$	60,000	\$	60,000	\$ 60,000	\$	60,000
Cascade Court (draingage)       \$ 50,000       \$ 50,000       \$ 25,000       \$ 25,000       \$ 25,000       \$ 25,000       \$ 140,000       \$ 140,000       \$ 140,000       \$ 100	Drainage Swale Upgrade - Stella Olsen Park																	
Willamette Street near Kathy Street     \$ 25,000     \$ 25,000     \$ 25,000       Michael Court and Lowell     \$ 140,000     \$ 140,000     \$ 100,000 <t< td=""><td>May Court (draingage)</td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$</td><td>110,000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	May Court (draingage)							\$	110,000									
Michael Court and Lowell     \$ 140,000     \$ 140,000     \$ 100,000 <td>Cascade Court (draingage)</td> <td></td> <td></td> <td></td> <td></td> <td>\$</td> <td>50,000</td> <td></td> <td></td> <td>•</td> <td>05.000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Cascade Court (draingage)					\$	50,000			•	05.000							
Woodhaven Swales       \$ 502,450       \$ 102,450       \$ 100,00								Ф	140.000	\$	25,000							
Golden Pond Swale         \$ 25,000         \$ 25,000         \$ 25,000         \$ 50,000         \$ 50,000         \$ 50,000         \$ 50,000         \$ 100,000         \$ \$ 50,000         \$ 50,000<	Woodhaven Swales					\$	102.450			\$	100.000	\$	100.000	\$	100.000			
Water Quality Facility Refurbishments         \$ 400,000         \$ 50,000         \$ 50,000         \$ 50,000         \$ 50,000         \$ 100,000         \$						Ψ	. 52,-100	۳	. 50,500			۳	. 55,500	Ψ	. 50,500			
Cedar Brook outfall project \$ 76,998 \$ 13,300 \$ 63,698 \$ - \$ - \$ - \$ - \$	Water Quality Facility Refurbishments						100,000	\$	50,000			\$	50,000	\$	50,000	\$ 100,000	\$	-
	Cedar Brook outfall project Fair Oaks Drainage			\$	13,300	\$	63,698	\$	-	\$	-	\$	-			\$ -	\$	-

	,		San	ita	ry Sew	er											
Old Town Laterals	\$ 771,053				•	\$	-	\$	48,000	\$	48,000	\$	48,000	\$	48,000	\$	579,053
Old Town Mid-block sewer point repair	\$ 32,000			\$	32,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Washington St Sewer Rehab	\$ 52,750			\$	52,750	Ψ		Ť		Ť		Ψ.		Ť		۳	
Gleneagle Dr Sanitary Sewer Rehab	\$ 49,850			Ψ	02,700							\$	49.850				
Schaumburg Dr/Division St Sanitary Sewer Rehab	\$ 250,000					\$	100,000	•	150,000			Ψ.	10,000				
Rock Creek Trunk Capacity Upgrade Ph I	\$ 736,671			\$	105,441	\$	631,230		130,000	\$		\$		\$		\$	-
Rock Creek Trunk Capacity Upgrade Ph II	\$ 651,229			\$	82,441	\$	568,788			\$		\$		\$		\$	
South Tonquin Employment Area Pipeline	\$ 630,388			φ	02,441	φ	300,700	φ		\$		\$		\$		\$	252,388
North Tonquin Employment Area Pipeline	\$ 2,370,076									\$	474,000		474,000	\$	474,000		
Brookman Area Sanitary Sewer Conveyance extension -	\$ 2,370,070									φ	474,000	φ	474,000	φ	474,000	φ	340,070
CWS project (anticpated City share only)	\$ 55,777	¢	18,540	\$	37,237							\$	_	\$	_	\$	_
Sanitary Master Plan	\$ 250,000	Ψ	10,540	Ψ	37,237					\$	50,000	\$	50,000	\$			100,000
Sanitary Waster Plan	\$ 250,000	_								2	50,000	Ф	50,000	Þ	50,000	Þ	100,000
				W	ater											_	
Brookman Expansion - Loop from Prop SW Sherwood PRV	0 00 555			<b> </b>	00.000												
to Hwy 99 (M7)	\$ 68,000			\$	68,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
WTP Master Plan with TVWD	\$ 75,000		75,000	\$		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Water Treatment Plant Surge Mitigation	\$ 622,514	\$	115,000	\$	507,514	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Water Treatment Plant Capacity Increase from 5.0mgd to	. 745.000	_	00.500	_	00.000	_	405.005		400.000								
5.8mgd with upgrades	\$ 745,000		62,593	\$	80,320	\$	435,805	\$	166,282	\$	-	\$	-	\$	-	\$	-
Water Treatment Cpacity - 5mgd buy in	\$ 806,000		806,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Water Treatment Plant 20.0 mgt Expansion	\$ 1,282,847		-	\$	205,455	\$	538,696	\$	538,696		50.000	•	50.000	•	50.000	•	50.000
Routine Waterline Replacement Program	\$ 400,000		50,000	\$	50,000	\$	50,000		50,000		50,000	\$	50,000	\$	50,000	\$	50,000
Upgrade SCADA System	\$ 98,650		-	\$	98,650	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
WTP Capacity Increase (Upgrade to 9.7 MGD)	\$ 7,560,818		-	\$	-	\$	-	\$	-		1,500,000	\$	6,060,818	\$	-	\$	-
Generator and Electical Upgrade at WTP	\$ 3,840,070		-	\$	624,666				1,607,702	\$	-	\$	-	\$	-	\$	-
Update Resiliency Plan	\$ 182,201	\$	-	\$	182,201	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Brookman Expansion -Loop from prop SW Sherwood PRV to Hwy 99 (M8)	\$ 204,000	\$	-	\$	204,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Brookman Expansion - Loop from prop SW Sherwood PRV to Hwy 99 (M9)	\$ 239,000	\$	-	\$	239,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
TEA Expansion Loop -Loop with existing Oregon Street																	
mains (M29)	\$ 154,000	\$	-	\$	154,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
SW Sherwood PRV (V-1)	\$ 150,000	\$	-	\$	150,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Update Water Management and Conservation Plan	\$ 75,000	\$	50,000	\$	25,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
TEA Expansion Loop -Loop with existing Oregon Street mains (M30 and M31)	\$ 702,000	\$		\$		\$	702,000	\$		\$		\$		\$		\$	_
TEA Expansion Loop -Loop with existing Oregon Street	<b>v</b> 100,000	7		_		_	,	Ť		Ť		-		-		-	
mains (M32, M33, and M34)	\$ 607,000	\$	_	\$	_	\$	-	\$	607,000	\$	-	\$	-	\$	-	\$	-
Fire Flow - Norton Avenue	\$ 141,500		-	\$	141,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Water Life Safety and Seismic Upgrades	\$ 502,331		82,000	\$	213,018	\$	207,313	\$		Ė		Ė		Ť		Ť	
, , , ,		_	Conors	) (	onstru	ct	ion	÷		_				_			
Cedar Creek Trail - Segment 8 & 9 Design & Construction			Ochicie	_	onstru												
(local contribution only)	\$ 865,000	\$	483,100	\$	381,900	\$	_	\$	_	\$	_	\$	_	\$	_	\$	_
Parks Master Plan & SDC Update	\$ 175,000		-	\$	175,000	\$	-	\$	-	\$		\$		\$		\$	-
Ice-Age Tonguin Trail WCVA grant funded project (bike	,500	<b>*</b>		<b>—</b>	,000	Ť		۳		۳		Ť		۳		Ť	
stations)	\$ 55.000	\$	20.000	\$	35,000												
Ice-Age Tonguin Trail Way Finding Signage Project	\$ 105.000		35,010	\$	69,990	\$		\$		\$		\$		\$		\$	
Cedar Creek Trail - Segment 11 Design & Construction	\$ 500,000		-	\$	-	\$		\$	-	\$	-	\$		\$		\$	500,000
Dog Park Design - North of Hwy 99	\$ 105.000		5.000	\$	100.000	\$		\$		\$	-	\$		\$		\$	-
Skate Park (Design & Constuction)	\$ 580,000		18,957	\$	561,043	\$		\$		\$	-	\$		\$	-	\$	
Unate I air (Design & Constuction)	ψ 300,000	Ψ	10,537	φ	301,043	φ		Ψ		φ		φ		φ		φ	

# CAPITAL IMPROVEMENT PLAN SECTION C FIVE-YEAR MAINTENANCE/OPERATIONAL CAPITALIZED PROJECTS LIST

	City of Sherwood Five Year Capital Improvement Plan - M.	AINTE	NANCE PROJE	CTS (FY 18	8 Through F	Y 22)			
			Total Estimated						
		Fund	Cost	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
	STREET PROJECTS; INCLUDING	ABLE							
1	Galbreath from Gerda Lane to Power Lines (grind and overlay)		\$ 197,720.00		\$ 197,720.00				
'	Grind off the top of the existing road surface and place one or more layers of asphalt pavement.	18			\$ 197,720.00				
2	Foundry from Willamette end of road (reconstruct)		\$ 220,870.00		\$ 220,870.00				
	Reconstruction Foundry from Willamette to end of road. This typically includes placement of rock or a concrete treatment base with asphalt on top. For streets with a higher traffic volume, both the rock or concrete treatment base and the asphalt	40			¢ 04.704.00				
	thickness may be increased. The decision as to which type of street to build is done at the design stage. This project will	18 46			\$ 81,721.90 \$ 46,382.70				
	include sanitary and storm improvements as well.	47			\$ 92,765.40				
3	Sunset Boulevard between Richen Park and Eucalyptus (grind and overlay)		\$ 422,710.00		\$ 422,710.00				
	Grind off the top of the existing road surface and place one or more layers of asphalt pavement.	18			\$ 207,127.90				
		47			\$ 215,582.10				
4	Washington Street from Second to Third Street (reconstruct)		\$ 89,820.00		\$ 89,820.00				
	Reconstruction of Washington Street from Second to Third. This typically includes placement of rock or a concrete with asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets with a higher traffic	18			\$ 82,634.40				
	volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The decision as to which type of street to build is done at the design stage. This project includes storm improvements as well.	10			ψ 02,034.40				
	type of street to baile is done at the design stage. This project molades sterm improvements as well.	47			\$ 7,185.60				
5	Washington Street from Willamette to barricade (reconstruct)		\$ 114,920.00		\$ 114,920.00				
	Reconstruction of Washington Street fromWillamette to the barricade. This typically includes placement of rock or a concrete with asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets with a	18			\$ 86,190.00				
	higher traffic volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The decision	46			\$ 17,238.00				
	as to which type of street to build is done at the design stage. This project includes sanitary and storm improvements as well	47			\$ 11,492.00				
0	Main Otract form Brilliand to Compat (print and accorded)				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	¢ 000 000 00			
6	Main Street from Railroad to Sunset (grind and overlay)  Grind off the top of the existing road surface and place one or more layers of asphalt pavement.	18	\$ 200,000.00			<b>\$ 200,000.00</b> \$ 200,000.00			
7	Ladd Hill from Sunset to City limits (grind and overlay)		\$ 121,000.00			\$ 121,000.00			
	Grind off the top of the existing road surface and place one or more layers of asphalt pavement.	18				\$ 121,000.00			
8	Division Street from Snyder Park Entrance to Cuthill (reconstruct)		\$ 214,000.00			\$ 214,000.00			
	Reconstruction of Division Street from the entrance to Snyder Park to Cuthill Street. This typically includes placement of rock or a concrete with asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets								
	with a higher traffic volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The	18				\$ 114,000.00			
	decision as to which type of street to build is done at the design stage. This project includes storm improvements as well.	47				\$ 100,000.00			
	Hall Other of Course Managine and to Williams the Course of the Course o								
9	Hall Street from Merriman to Willamette (reconstruct)  Reconstruction of Hall Street from Merriman to Willamette Drive. This typically includes placement of rock or a concrete		\$ 93,000.00			\$ 93,000.00			
	with asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets with a higher traffic volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The decision as to which								
	type of street to build is done at the design stage.	18				\$ 93,000.00			
10	Shaumburg from Division to end of road (reconstruct)		\$ 180,000.00				\$ 180,000.00		
	Reconstruction of Shaumburg from Division to end of Road. This typically includes placement of rock or a concrete with asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets with a higher traffic								
	volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The decision as to which	18					\$ 80,000.00		
	type of street to build is done at the design stage. This project includes storm improvements as well.	47					\$ 100,000.00		

	City of Sherwood Five Year Capital Improvement Plan - N	IAINTEI	NAN	CE PROJE	CTS (FY 18	3 Through F	Y 22)				
			Tota	I Estimated							
		Fund		Cost	FY 17/18	FY 18/19	FY 19/20	F	Y 20/21	FY 21/22	FY 22/23
11	Washington from Tualatin to Shaumburg (reconstruct)		\$	145,000.00				\$	145,000.00		
	Reconstruction of Washington Street from Tualalatin Street to Shaumburg. This typically includes placement of rock or a										
	concrete with asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets with a higher traffic volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The decision	18						\$	70,000.00		
	as to which type of street to build is done at the design stage. This project includes storm improvements as well.										
		47						\$	75,000.00		
12	Oregon Street from Lincoln to Hall (grind and overlay)	18	\$	154,000.00				<b>\$</b>   \$	154,000.00		
	Grind off the top of the existing road surface and place one or more layers of asphalt pavement. This project will also include storm improvements.							Ф	114,000.00 40000		
40		47		400.000.00							
13	Oregon Street from Hall to Brickyard (reconstruct)  Reconstruction of Oregon Street from Hall to Brickyard. This typically includes placement of rock or a concrete with		\$	182,000.00				\$	182,000.00		
	asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets with a higher traffic										
	volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The decision as to which type of street to build is done at the design stage. This project includes storm improvements as well.	18						\$	152,000.00		
		47							30000		
14	Oregon Street from Brickyard to Roundabout (grind and overlay)	10	\$	78,000.00				<b>\$</b>   \$	78,000.00		
	Grind off the top of the existing road surface and place one or more layers of asphalt pavement. This project will also include storm improvements.	18 47						Ф	48,000.00 30000		
		77							30000	****	
15	Borchers between Edy Road and Roy Rogers (grind and overlay)	10	\$	164,000.00						<b>\$164,000</b> \$164,000	
	Grind off the top of the existing road surface and place one or more layers of asphalt pavement.	18								\$164,000	
16	Borchers between Roy Rogers and Sydney (grind and overlay)		\$	28,000.00						\$28,000	
	Grind off the top of the existing road surface and place one or more layers of asphalt pavement.	18								\$28,000	
17	Langer Drive from Sherwood Blvd to Holland (grind and overlay)		\$	342,000.00						\$342,000	
	Grind off the top of the existing road surface and place one or more layers of asphalt pavement. This project will also	18								\$317,000	
	include storm improvements.	47								\$25,000	
18	Baler between T/S Road and Langer (grind and overlay)		\$	45,000.00						\$45,000	
	Grind off the top of the existing road surface and place one or more layers of asphalt pavement.	18								\$45,000	
19	Willamette Street from Norton to Foundry (reconstruct)		\$	137,000.00							\$137,000
	Reconstruction of Willamette Street from Norton to Foundry. This typically includes placement of rock or a concrete with										
	asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets with a higher traffic volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The decision as to which	18									\$102,000
	type of street to build is done at the design stage. This project includes storm improvements as well.										
		47									\$35,000
20	Willamette Street from Orcutt to Pine (reconstruct)		\$	79,000.00							\$79,000
	Reconstruction of Willamette Street from Orcutt to Pine. This typically includes placement of rock or a concrete with							T			
	asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets with a higher traffic	18									\$54,000
	volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The decision as to which type of street to build is done at the design stage. This project includes storm improvements as well.										
	type of others to baile to do no at the design stage. This project molades storm improvemente as well.	47									\$25,000
21	Mansfield from Division to Smock (reconstruct)		\$	183,000.00							\$183,000
	Reconstruction of Mansfield Street from Division to Smock. This typically includes placement of rock or a concrete with		•								
	asphalt on top. In some cases, the rock may be eliminated and the asphalt increased. For streets with a higher traffic	18						-			\$148,000
	volume, both the rock or concrete treatment base and the asphalt thickness may be increased. The decision as to which type of street to build is done at the design stage. This project includes storm improvements as well.										
	type of street to build is done at the design stage. This project includes storm improvements as well.	47									\$35,000
			•								
22	Timbrel from Middleton to Sunset (grind and overlay)		\$	18,000.00							\$18,000
	Grind off the top of the existing road surface and place one or more layers of asphalt pavement.	18									\$18,000

	City of Sherwood Five Year Capital Improvement Plan - M	AINTENA	NCE PROJI	ECTS	S (FY 18	Through F	Y 22	)					
		Total Estimated Fund Cost		FY	FY 17/18 FY 18/19		FY 19/20 FY 20/21		20/21	1 FY 21/22		FY 22/23	
	STORM V	VATER PRO	DJECTS				<u>'</u>						
23	Citywide Catch Basin Remediation program	\$	480,000.00	\$	60,000.00	\$ 60,000.00	\$	60,000.00	\$ 6	0,000.00	\$ 60,000.00	\$	60,000.00
	This program consists of replacement of un-sumped catch basins located within the City's storm drainage conveyance system, in compliance with CWS's MS4 Permit	47				\$ 60,000.00	\$	60,000.00	\$ 6	0,000.00	\$ 60,000.00	\$	60,000.00
24	May Court (draingage)  This project consist of constructing addition catchbasns and pipe.	<b>\$</b>	110,000.00				\$	<b>110,000.00</b> 110,000.00		,	,		,
25	Cascade Court (draingage)	\$	50,000.00			\$ 50,000.00							
	This project consist of constructing addition catch basin and piping.	47	•			\$ 50,000.00							
26	Willamette Street near Kathy Street	\$	25,000.00						\$ 2	5,000.00			
	This project consist of ditching and addition of a few catch basins.	47							\$ 2	5,000.00			
27	Michael Court and Lowell	\$	140,000.00				\$	140,000.00					
	This project consist of ditching swale, pipe work and structures.	47					\$	140,000.00					
28	Woodhaven Swales	\$	502,450.00			\$ 102,450.00	\$	100,000.00	\$ 10	0,000.00	\$ 100,000.00	\$	100,000.00
20	Water Quality Facility Rehabilitation is needed to remove sediments from the facility to ensure continued operation of existing structural facilities that protect surface waters from adverse impacts of storm water runoff. These ponds are responsible for holding water, removing pollutants and providing flood prevention and water quality treatment.	47	302,430.00			\$ 102,450.00	Ψ	100,000.00	Ψ	0,000.00	<b>4</b> 100,000.00		100,000.00
29	Golden Pond Swale	T/ (¢	25,000.00			Ψ 102,400.00			\$ 2	5,000.00			
25	Water Quality Facility Rehabilitation is needed to remove sediments from the facility to ensure continued operation of existing structural facilities that protect surface waters from adverse impacts of storm water runoff. These ponds are responsible for holding water, removing pollutants and providing flood prevention and water quality treatment.		23,000.00										
		47							\$ 2	5,000.00			
30	Water Quality Facility Refurbishments	\$	400,000.00			\$ 100,000.00	\$	50,000.00	\$ 5	0,000.00	\$ 50,000.00	\$	50,000.00
	Water Quality Facility Rehabilitation is needed to remove sediments from the facility to ensure continued operation of existing structural facilities that protect surface waters from adverse impacts of storm water runoff. These ponds are responsible for holding water, removing pollutants and providing flood prevention and water quality treatment.	47				\$ 100,000.00	\$	50,000.00	\$ 5	0,000.00	\$ 50,000.00	\$	50,000.00
	Cedar Brook Outfall project							00,000.00	•	0,000.00	ψ σσ,σσσ.σσ		33,333.33
31	Codes Break Outfall assistation to sensit as a spiriture along assistation in the sent of Codes Break Way and southwest of	\$	76,998.00	\$	13,300.00	\$ 63,698.00	\$	-	\$	-	\$ -	\$	-
	Cedar Brook Outfall project is to repair an existing slope erosion issue northeast of Cedar Brook Way and northwest of Highway 99W by extending the existing storm sewer to a point where a new outfall can be constructed that will eliminate the erosion issues.	47		\$	13,300.00	\$ 63,698.00							
32	Fair Oaks Drainage	\$	60,000.00		•							\$	60,000.00
02	This project consist of new piping, structures and storm improvements.	47	33,333.33									\$	60,000.00
33	Murdock Apartment Swale	\$	271,718.00	\$	50,000.00	\$ 221,718.00							
	This project will not be completed in 17/18 and needs to be do be done during in stream work in 18/19.	47		\$	50,000.00	\$ 221,718.00							
	SANITARY	SEWER PE	ROJECTS										
34	Old Town Laterals	\$	240,000.00			(	7	0		48000	4800	)	48000
U <del>-1</del>	This project consists of replacing old damaged sewer laterals in Old Town.	46	240,000.00					U	\$ 4	8,000.00			48,000.00
35	Old Town Mid-Block sewer Point Repair	\$	32,000.00			\$ 32,000.00			, ,	_,000.00	- 15,000.00	<b>*</b>	.5,555.65
	Repair mid-block sanitary sewer. This was originally scheduled for FY 17/18 but will likely not get completed until FY 18/19.	46	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			\$ 32,000.00							
		<del></del>											
36	Washington St Sewer Rehab	\$	52,750.00			\$ 52,750.00							

	City of Sherwood Five Year Capital Improvement Plan - M	AINTENA	NCE PROJE	CTS (FY 18	3 Through F	Y 22)			
		To	otal Estimated						
		Fund	Cost	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
	This project consists of replacing approximately 250 linear feet of existing 6-inch diameter sanitary sewer, from Manhole 341NSan to Manhole 342NSan, with 8-inch diameter pipe. This upgrade will alleviate flow restrictions and bring this section into compliance with minimum pipe sizes for public sanitary sewer conveyance systems. City maintenance capability of the upgraded line will also be enhanced. Funding will come from existing City sanitary sewer SDC funds.	46			\$ 52,750.00				
37	Gleneagle Dr Sanitary Sewer Rehab	\$	49,850.00						\$ 49,850.00
	This project consists of replacing approximately 145 linear feet of existing 6-inch diameter sanitary sewer, from Manhole 1201NSan to Manhole 1207NSan, with 8-inch diameter pipe. This upgrade will alleviate flow restrictions and bring this section into compliance with minimum pipe sizes for public sanitary sewer conveyance systems. City maintenance capability of the upgraded line will also be enhanced.	46							\$ 49,850.00
38	Schaumburg Dr/Division St Sanitary Sewer Rehab	\$	250,000.00			\$ 100,000.00	\$ 150.000.00		
30	This project consists of replacing approximately 1,162 linear feet of existing 6-inch diameter sanitary sewer, from Manhole 43NSan to Manhole 919NSan, with 8-inch diameter pipe. This upgrade will alleviate flow restrictions and bring this section into compliance with minimum pipe sizes for public sanitary sewer conveyance systems. City maintenance capability of the		230,000.00			100,000.00			
	upgraded line will also be enhanced.	46				\$ 100,000.00	\$ 150,000.00		
	WATI	ER PROJE	CTS						
39	Routine Waterline Replacement Program	\$	400,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
	This project includes replacement of pipes based on a 100-year life cycle adopting the following prioritization: 1. Known pipe capacity and condition issues 2. Pipe material – based on City record of pipe material and era of manufacture; Highest priorities are galvanized pipe and post-1950 cast iron 3. Pipe age – coordinate replacement of pipes 50 years or older with other City utilities and transportation (City, County or State) projects.	45		\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
40	Fire Flow - Norton Avenue	\$	141,500.00	\$ -	\$ 141,500.00	-	\$ -	\$ -	\$ -
	This project will upgrade 6-inch main along Norton Street from Willamette Street south to fire hydrant at Forest Avenue to an 8" water mainline. The current sized pipeline does not support the necessary fire flow requirement for the land use/occupancy type.	45	,		\$ 141,500.00				
41	Upgrade SCADA System	\$	98,650.00		\$ 98,650.00				
	This project will allow for upgrades to the Supervisory Control and data Acquisition (SCADA) computer system to ensure continued ability to monitor water facility performance and security systems at drinking water reseviors and pump stations.	45			\$ 98,650.00				

# CAPITAL IMPROVEMENT PLAN SECTION D COMPLETE LISTING OF ALL CAPITAL PROJECTS DESCRIPTIONS

## CITY PROPERTY DERELICT HOUSE DEMOLITION

Department:	Engineering	MP Project #:	n/a
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$ 25,000	Status	COMPLETED

Ranking Criteria Met		Project Type	Priority	
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	⊠ High ☐ Medium ☐ Low	
Project Description				
This project includes demolition of a derelict house included in the purchase of the property adjacent to Elwert Road. The house represents a health and safety liability to the City. The property was purchased with the intent of constructing intersection improvements to the Kruger/Elwert intersection. Pending Sherwood School District's High School project, house demolition process may occur earlier and be performed under the High School construction contract.				
Ongoing Maintenance Description and Estimated Annual Cost				
Demolition of the derelict house and out buildings will not result in any annual maintenance expenses or actions.				



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$25,000		Transportation Funds	100%				
FY18-19								
FY 19-23								
Future								

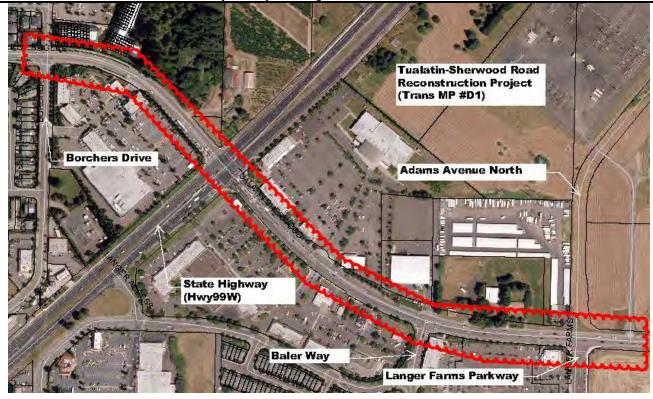
## **TUALATIN-SHERWOOD ROAD WIDENING IMPROVEMENTS**

Department:	Engineering	MP Project #:	D1
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$43,042,500		

Ranking Criteria Met		Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	⊠ High ☐ Medium ☐ Low		
	□ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low		
Project Description					
This project includes widening Tualatin-Sherwood Road from Langer Farms Parkway to Teton Avenue, include 5 travel lanes, bicycle lanes, sidewalks, and planter strips. Funding from WACO MSTIP. WACO DLUT responsible for design and construction of roadway improvements.					

Ongoing Maintenance Description and Estimated Annual Cost

Public Works does not have any maintenance responsibilities for Tualatin-Sherwood Road pavement section. Stormwater treatment facilities would be maintained by the City under agreement with WACO.

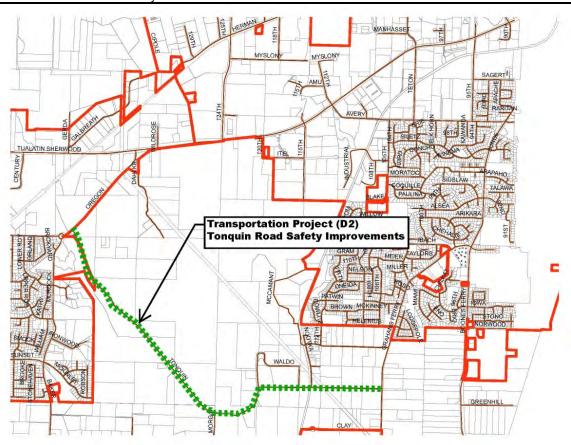


% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$75,000						
FY18-19	\$25,000	Trans Improvement TDT Fund	100%				
FY19-23	\$50,000						
Future	\$42,892,500	WACO MSTIP 3d Funds	100%				

## **TONQUIN ROAD SAFETY IMPROVEMENTS**

Department:	Engineering	MP Project #:	D2
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$28,406,000		

Ranking Criteria Met		Project Type	Priority	
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
	□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low	
Project Description				
This project includes widening Tonquin Road from Grahams Ferry Road to Oregon Street to provide shoulders. Funding from WACO MSTIP. WACO DLUT responsible for design and construction of roadway improvements.				
Ongoing Maintenance Description and Estimated Annual Cost				
Public Works would have maintenance responsibilities for keeping vegetation cut back from roadway for that section of Tonquin Road which is within the City Limits.				



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous							
FY18-19							
FY19-23							
Future	\$28,406,000	WACO MSTIP	100%				

### OREGON STREET INTERSECTION IMPROVEMENTS AT MURDOCK AND TONQUIN ROADS

Department:	Engineering	MP Project #:	D3
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$2,623,413		

Rar	nking Criteria Met	Project Type	Priority			
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■	☐ High   ☐ Medium   ☐ Low			
Project Description						

This project includes construction of a dumbbell roundabout at the Tonquin Road/Oregon Street intersection and Murdock Road/Oregon Street intersection. Dumbbell roundabout modifies existing Murdock Road roundabout by disallowing east circulating lane, the new Tonquin Road roundabout section of the dumbbell disallows the westbound circulating lane. Adds a second westbound approach lane to the Murdock Road roundabout for separated westbound left and westbound through lanes. Keep three lanes on bridge structure. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of City Transportation SDC's and Washington County TDT monies. Project includes purchase of necessary right-of-way lands.

### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping, lane striping, pavement surface repairs, street sweeping and storm system cleaning.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous	\$36,073		Transportation SDC (Pre-Design)	100%			
FY18-19							
FY19-23	\$2,624,000		(Undefined)				
Future							

### **ELWERT ROAD IMPROVEMENTS**

Department:	Engineering	MP Project #:	D4
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$10,155,747		

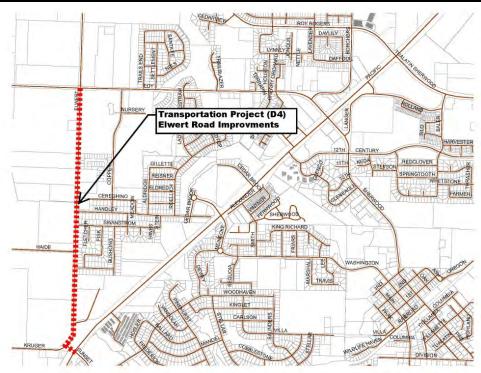
Ra	nking Criteria Met	Project Type	Priority			
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High    Medium    Low			
Project Description						

### Project Description

This project includes upgrading Elwert Road from Highway 99W to Edy Road, to a three lane arterial with bike lanes, sidewalks, and planter strips. This project may be phased with project D30 for design and construction purposes. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of City Transportation SDC's and Washington County TDT monies. Project includes purchase of necessary right-of-way lands.

## Ongoing Maintenance Description and Estimated Annual Cost

Elwert is currently under WACO jurisdictional and maintenance control. If in the future Elwert Road is transferred into the City's jurisdictional control, Public Works would have long-term maintenance of the new facility. Maintenance items will include street sweeping, storm system cleaning, painted lane striping, planter strip landscaping, and sidewalk cleaning.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$10,155,747		(Undefined)				

### **BROOKMAN ROAD IMPROVEMENTS - THREE LANE ARTERIAL**

Department:	Engineering	MP Project #:	D5		
Category:	Capital Project-Transportation	Navigator Job#			
Total Project Cost:	\$13,775,908				
Ranki	ng Criteria Met	Project Type	Priority		
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☑ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	☐ New/Expansion	☐ High   ☐ Medium   ☐ Low		
Project Description					
Implement Brookman Road Concept Plan improvements to Brookman Road from Highway 99W to Middleton Road.					
Ungrade read to three lone exterial facility with a chared use noth on the north side. Because right of way width sufficient for					

Implement Brookman Road Concept Plan improvements to Brookman Road from Highway 99W to Middleton Road. Upgrade road to three lane arterial facility with a shared use path on the north side. Reserve right-of-way width sufficient for potential widening to five-lane arterial consistent with I-5/Highway 99W Connector Plan for southern arterial. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of State, County and City monies. Project includes purchase of necessary right-of-way lands.

## Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$13,775,908		(Undefined)				

## **EDY ROAD IMPROVEMENTS**

Department:	Engineering	MP Project #:	D6
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$8,454,093		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High     Medium   ☐ Low			
Project Description						
This project includes upgrading Edy Road from Borchers Drive to Elwert Road to a three-lane collector with bike lanes, sidewalks, and planter strips. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of County and City monies. Project includes purchase of necessary right-of-way lands.						
	Ongoing Maintenance Desc	crintian and Estimated	Annual Cost			

### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$8,454,093		(Undefined)				

## LADD HILL ROAD IMPROVEMENTS

Department:	Engineering	MP Project #:	D7
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$5,532,749		

Rar	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High    Medium    Low			
Project Description						
This project includes upgrading Ladd Hill Road from Sunset Boulevard to the City Urban Growth Boundary to a three-lane arterial with bike lanes, sidewalks, and planter strips. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of County and City monies. Project includes purchase of necessary right-of-way lands.						

## Ongoing Maintenance Description and Estimated Annual Cost



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$6,532,749		(Undefined)			

### **OREGON STREET IMPROVEMENTS**

Department:	Engineering	MP Project #:	D8
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$6,155,448		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	⊠ High ☐ Medium ☐ Low			
Project Description						

## Project Description

This project includes upgrading Oregon Street from existing railroad crossing east to Murdock Road roundabout with a three-lane collector road with bike lanes, sidewalks, and planter strips. A shared use path will be located on the north side of Oregon Street (part of the Ice Age Tonquin Trail project). Funding will consist of a combination of County TDT and City stormwater SDC monies. Project includes purchase of necessary right-of-way, easement and tract lands. Design from FY18/19 to FY19/20. Construction from FY20/21 to FY21/22.

## Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items would include street sweeping and storm system cleaning, lane striping, pavement management, planter strip landscaping, and sidewalk maintenance.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19	\$478,320		Transportation TDT Funds	75%	City Stormwater SDC Funds	25%	
FY19-23	\$5,677,128		Transportation TDT Funds	75%	City Stormwater SDC Funds	25%	
Future							

CIP Projects Listing T-9 April 12, 2018

## **BALER TO HERMAN CONNECTION**

Department:	Engineering	MP Project #:	D9
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$4,547,377		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low			
Project Description						
This project constructs a collector road connecting Baler Road at Tualatin-Sherwood Road to the future extension of						

This project constructs a collector road connecting Baler Road at Tualatin-Sherwood Road to the future extension of Herman Road at Langer Farms Parkway, including bike lanes, sidewalks, and planter strips. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of County and City monies. Project includes purchase of necessary right-of-way lands.

## Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$4,547,377		(Undefined)				

## **CEDAR BROOK WAY EXTENSION – SEGMENT 2**

Department:	Engineering	MP Project #:	D11
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$8,532,750		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low			
	Project Description					
This project constructs a collector road from the existing terminus on Meinecke Road to Elwert Road, including bike lanes, sidewalks, and planter strips. Project may be constructed as part of adjacent private site development. Project alignment and funding has not been identified, nor has a project design/construction schedule been established.						
Ongoing Maintenance Description and Estimated Annual Cost						
Dublis Wada and days be a few actions of the confedit. Maintenant items and include start and						



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$8,532,750		(Undefined)			

## **EXTENSION OF LANGER FARMS PARKWAY AT HIGHWAY 99W**

Department:	Engineering	MP Project #:	D12
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$4,257,125		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low		
Project Description					
This project constructs a collector road extension of Langer Farm Parkway from the intersection with Highway 99W then running west terminating in a cul-de-sac. Includes bike lanes, sidewalks, and planter strips. Funding for this project has not been identified, nor has a design or construction schedule been established.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items would include street sweeping and					



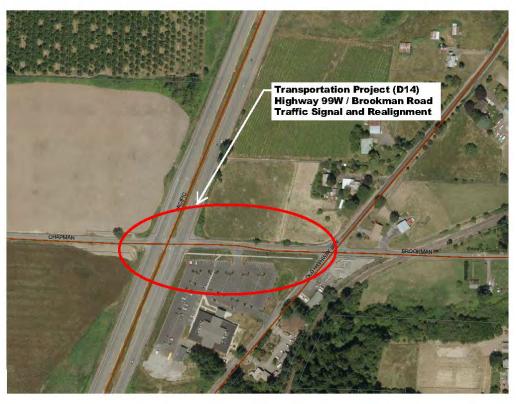
	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$4,257,125		(Undefined)				

## HIGHWAY 99W / BROOKMAN ROAD TRAFFIC SIGNAL AND REALIGNMENT

Department:	Engineering	MP Project #:	D14
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$15,451,784		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low			
	Projec	ct Description				
Redesign Brookman Road intersection with Highway 99W north ¼ mile current location, include installation of signal, turn lanes, and grade separated railroad crossing. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of State, County and City monies. Project includes purchase of necessary right-of-way lands.						

### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$15,451,784		(Undefined)				

## **SUNSET BOULEVARD IMPROVEMENTS**

Department:	Engineering	MP Project #:	D15
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$6,812,674		

Ra	nking Criteria Met	Project Type	Priority					
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low					
	□ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low					
	Projec	ct Description						
Upgrade Sunset Boulevard (from Aldergrove Avenue to Eucalyptus Terrace) to a three-lane arterial with bike lanes, sidewalks and planter strips. Address vertical crest sight distance issues near Pine Street. Project funding has not been identified, nor has a project design/construction schedule been established.								
	Ongoing Maintenance Description and Estimated Annual Cost							



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$6,812,674		(Undefined)					

### **EDY ROAD / HIGHWAY 99W INTERSECTION IMPROVEMENTS**

Department:	Engineering	MP Project #:	D16
Category: Capital Project-Transportation		Navigator Job#	
Total Project Cost:	\$215,906		
Rank	ing Criteria Met	Draiget Type	Driority
Taine	ing Chiena wei	Project Type	Priority
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low
	•		,

## **Project Description**

Restripe westbound Sherwood Boulevard approach to have a single left turn lane, a single through lane, and a single right turn lane. Eliminate split phase timing for the side streets and maintain the existing green phase on Highway 99W for northbound and southbound lanes. Add crosswalk to southbound approach. Possible phase with Pedestrian (P3) project.

## Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items would include street sweeping and lane striping, pavement management, and sidewalk maintenance.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount	Flinding Solirce   Flinding Solirce						
Previous								
FY18-19								
FY19-23								
Future	\$215,906		(Undefined)					

### **MEINECKE ROAD / HIGHWAY 99W INTERSECTION IMPROVEMENTS**

Department:	Engineering	MP Project #:	D17
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$102,813		

Ra	nking Criteria Met	Project Type	Priority					
	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low					
	□ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low					
Project Description								

Change the eastbound and westbound left turn phasing on Meinecke Road from permitted to permitted/protected and maintain the existing green timing for the northbound and southbound through movements. Possible coordination with Pedestrian Project (P3). Funding of project is listed in two parts; part a) is striping and signal timing which will be performed in the 5-year timeline, part b) is pedestrian crossing striping and safety zone which will be performed at a later date.

## Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items would include street sweeping and lane striping, and pavement management.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23	\$102,813		Transportation SDC Funds	100%				
Future								

## LANGER DRIVE IMPROVEMENTS

Department:	Engineering	MP Project #:	D18
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$4,259,374		

	Ra	nking Criteria Met	Project Type	Priority			
☐ Health & Safety ☐ Upgrade Serviceability ☐ New/Expansion ☐ High ☐ Medium ☐ Low  Project Description	□ Council Goals	Council Goals Regulatory Requirement		☐ High ☐ Medium ☐ Low			
Project Description	Master Plan	ster Plan		☐ High ☐ Medium ☐ Low			
· · · · ·	☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	⊠ High ☐ Medium ☐ Low			
Construct improvements to Langer Drive from Sherwood Boulevard to Baler Way that are consistent with the Sherwood	Project Description						
Town Center Plan. Includes buffered bike lanes, on-street parking, wider sidewalks, narrower travel lanes, removal of center left turn lane, and landscaping.							

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of cleaning of storm water catch basins, street sweeping, and leaf disposal.



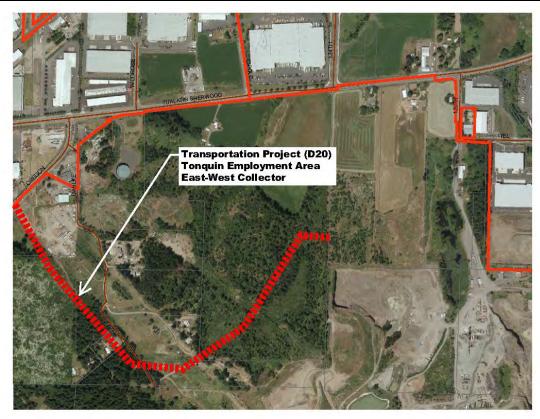
	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$4,259,374		(Undefined)				

## **TONQUIN EMPLOYMENT AREA EAST / WEST COLLECTOR**

Department:	Engineering	MP Project #:	D20
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$10,919,535		

Ra	nking Criteria Met	Project Type	Priority				
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low				
Project Description							
This project constructs an east-west collector road connecting 124th Avenue and Tonquin Road across the Tonquin							
Employment Area. Improvement to be coordinated with Transportation Project (D3).							
Ongoing Maintenance Description and Estimated Annual Cost							
O:	# 11.1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction it is anticipated that this work will be minimal and consist mostly of cleaning of storm water catch basins, street sweeping, and leaf disposal.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$10,919,535		(Undefined)					

### **HERMAN ROAD EXTENSION**

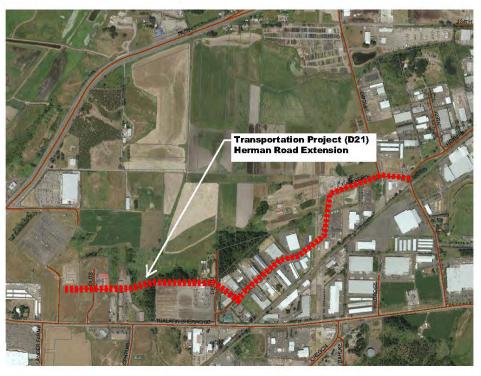
Department:	Engineering	MP Project #:	D21
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$13,943,186		

Ra	nking Criteria Met	Project Type	Priority					
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low					
☐ Health & Safety	☑ Upgrade Serviceability		☐ High ☐ Medium ☒ Low					
	Project Description							
Extends Herman Road from its existing terminus at Cipole Road west to either Highway 99W or Langer Farms Parkway.  Constructs either two or three lane collector. Includes bike lanes, sidewalks, and planter strips. Right-of-way purchase or dedication required. Funding has not been identified for this project, but may consist of WACO and City transportation								

funds. Design and construction schedule has not been established for this project.

Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of cleaning of storm water catch basins, street sweeping, and leaf disposal.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$13,943,186		(Undefined)					

### KRUGER / ELWERT / HWY99W INTERSECTION IMPROVEMENTS

construction.

Department:	Engineering	MP Project #:	D22
Category:	Capital Project - Transportation	Navigator Job#	
Total Project Cost:	\$1,687,037		

Ra	nking Criteria Met	Project Type	Priority			
	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety ☐ Upgrade Serviceability ☐ New/Expansion ☐ High ☐ Medium ☐ Low						
Project Description						
This project includes construction of a roundabout and relocation of the intersection of Kruger/Elwert Roads. This is joint City/County/State controlled project. The City has expended \$1.3 million to purchase the property needed for the relocation of the Kruger/Elwert intersection. This project will improve safety and traffic volume along Elwert. This project is identified on the FY2012 Federal Appropriations list for Congressional District #1, however the funding potential is considered low at						

### Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of cleaning of storm water catch basins, street sweeping, and leaf disposal.

this time. It is expected that ODOT and Washington County DLUT funding sources will be utilized for design and



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$1,359,077		Transportation TIF Funds	100%				
FY18-19	\$32,598		Transportation TDT Funds	10%	Sanitary	90%		
FY19-23	\$295,362		City Sanitary SDC Funds	88%	Transportation TDT Funds	12%		
Future								

## EDY ROAD / BORCHERS ROAD - RIGHT-IN / RIGHT-OUT AND EASTBOUND LANES

Department:	Engineering	MP Project #:	D23
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$2,000,000		IN CONSTRUCTION – PRI. DEVELOP.

	Project Type	Priority					
☐ Council Goals ☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
	☐ Outside Funding/Partnership ☐ Replacement ☐ High ☐ Medium ☐ L						
☐ Health & Safety ☐ Upgrade Serviceability ☐ New/Expansion ☐ High ☐ Medium ☐ Low							
Project Description							
The project converts the Edy Road / Borchers Drive intersection to right-in/right-out and eastbound left–in only movements. Includes the construction of a roundabout further west on Edy Road to provide access to adjacent lands for development. Funding for this project has not been defined and may include private development funding. The design and construction schedule for this project has also not been established.							

### Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of cleaning of storm water catch basins, street sweeping, and leaf disposal.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$2,000,000		Transportation TDT Fund Credits	25%	Private Development Portion	75%	
Future							

### SHERWOOD BOULEVARD / LANGER DRIVE INTERSECTION IMPROVEMENTS

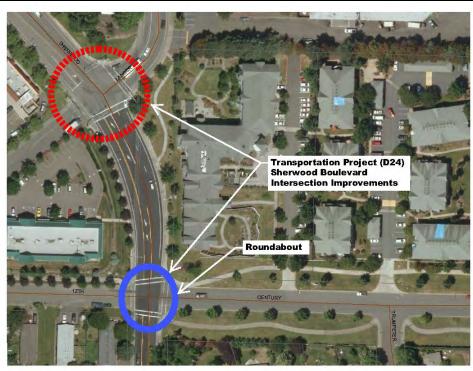
Department:	Engineering	MP Project #:	D24
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$937,193		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability	New/Expansion     ■	☐ High    Medium    Low			
Project Description						

This project includes moving the existing traffic signal at Langer Drive to the intersection of Century Drive. The Langer Drive intersection would be converted to a right-in/right-out and left-in only movements. Turn lanes would be added at the Century Drive intersection in the eastbound and westbound direction. Funding for this project has not been identified at this time, but may include WACO and City combined funds. The design and construction schedule for this project has also not been established.

## Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of cleaning of storm water catch basins, street sweeping, and leaf disposal.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$937,193		(Undefined)				

## SUNSET BOULEVARD / PINE STREET INTERSECTION IMPROVEMENTS

Category: Capital Project-Transportation Navigator Job#	
Category. Capital Floject-Hallsportation Navigator 300#	
Total Project Cost: \$6,000	

Rar	king Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety ☐ Upgrade Serviceability ☐ New/Expansion ☐ High ☐ Medium ☐ Low						
Project Description						
This project includes restriping Sunset Boulevard at Pine Street to add eastbound and westbound left turn lanes.						
Ongoing Maintenance Description and Estimated Annual Cost						
City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of restriping.						



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$6,000		Transportation SDC Funds	100%			
Future							

## SUNSET BOULEVARD / MAIN STREET - TRAFFIC CONTROL ENHANCEMENTS

Department:	Engineering	MP Project #:	D26		
Category:	Capital Project-Transportation	Navigator Job#			
Total Project Cost:	\$605,936				
Ranking Criteria Met Project Type Priority					
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
Project Description					
This project includes installation of a traffic signal at the intersection of Sunset Boulevard and Main Street. Funding for this project has not been identified at this time, nor has a design and construction schedule for this project been established.					

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of cleaning and maintaining signal performance.

Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$605,936		(Undefined)				

## **BAKER ROAD IMPROVEMENTS**

Department:	Engineering	MP Project #:	D27
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$1,702,588		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		☐ High  ☐ Medium  ☐ Low			
Project Description						
This project includes upgrading Baker Road from Sunset Boulevard south to the City's southern Urban Growth Boundary, with a two-lane arterial including bike lanes, sidewalks and planter strips. Funding for this project has not been identified at						

this time, nor has a design and construction schedule for this project been established.

## Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of street sweeping, storm drainage system cleaning, and leaf pick-up.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$1,702,588		(Undefined)				

## SUNSET BOULEVARD / TIMBREL LANE TRAFFIC CONTROL ENHANCEMENTS

Department:	Engineering	MP Project #:	D28
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$1,999,932		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low			
Project Description						
This project includes installation of a single lane roundabout at the Sunset Boulevard/Timbrel Lane intersection. Funding for this project has not been identified at this time, nor has a design and construction schedule for this project been established. Project would require purchasing land for roundabout right-of-way.						
	Ongoing Maintananaa Daga	printion and Estimated	Annual Coat			

### Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction it is anticipated that this work will be minimal and consist mostly of street sweeping, storm drainage system cleaning, and leaf pick-up.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$1,999,932		(Undefined)				

## **EDY ROAD TO ROY ROGERS ROAD COLLECTOR ROADWAY**

Department:	Engineering	MP Project #:	D29
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$3,202,650		

Ra	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low				
	Project Description						
This project includes building a two-lane collector road between Edy Road and Roy Rogers Road, between Cedarview Way and Lynnly Way. Funding for this project has not been identified at this time, nor has a design and construction schedule for this project been established. This project would require purchasing land for road right-of-way.							
Ongoing Maintenance Description and Estimated Annual Cost							

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of street sweeping, storm

drainage system cleaning, and leaf pick-up.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$3,202,650		(Undefined)				

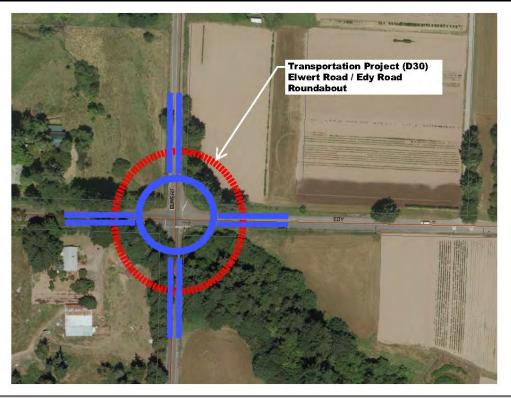
## **ELWERT ROAD / EDY ROAD ROUNDABOUT**

Department:	Engineering	MP Project #:	D30
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$2,562,343		

Ra	nking Criteria Met	Project Type	Priority				
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	☑ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low				
	Project Description						
This project includes installing single lane roundabout at the intersection of Edy Road and Elwert Road. This project may be phased with Transportation Project (D4) for design and construction purposes. Funding for this project has not been identified at this time, nor has a design and construction schedule for this project been established. This project would require purchasing land for road right-of-way.							

## Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of street sweeping, storm drainage system cleaning, and leaf pick-up.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$2,562,343		(Undefined)				

## **SUNSET BOULEVARD / HIGHWAY 99W IMPROVEMENTS**

Department:	Engineering	MP Project #:	D31
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$991,262		

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
Project Description						
This project includes adding westbound and eastbound left turn lanes on Sunset Boulevard, and changing the signal phasing from permissive to protected/permissive phasing. Consider implementing improvements with Pedestrian Project (P3) or Transportation Project (D22). Funding for this project has not been identified at this time, nor has a design and						

construction schedule for this project been established.

Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of restriping, street sweeping, and leaf pick-up.



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$84,876		Transportation TDT Funds	100%		
FY18-19	\$117,209		Transportation TDT Funds	100%		
FY19-23	\$789,177		Transportation TDT Funds	100%		
Future						

## LADD HILL ROAD / BROOKMAN ROAD INTERSECTION IMPROVEMENTS

Department:	Engineering	MP Project #:	D32
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$226,466		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low			
Project Description						
This project includes adding a southbound right turn lane on Ladd Hill Road to Brookman Road. Funding for this project has not been identified at this time, nor has a design and construction schedule for this project been established. This project would require purchasing land for road right-of-way.						
	Ongoing Maintenance Description and Estimated Annual Cost					

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of street sweeping, storm drainage system cleaning, and leaf pick-up.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$226,466		(Undefined)				

## SUNSET BOULEVARD / MURDOCK ROAD TURN LANES

Department:	Engineering	MP Project #:	D33
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$508,322		

Po	nking Criteria Met	Drainat Type	Priority		
Ra	Tiking Criteria wet	Project Type	Phoney		
	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High   ☐ Medium   ☐ Low		
Project Description					
This project includes adding a southbound right-turn lane and northbound left-turn lane on Murdock Road at the intersection with Sunset Boulevard. Funding for this project has not been identified at this time, nor has a design and construction schedule for this project been established.					
Ongoing Maintenance Description and Estimated Annual Cost					
City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed					

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of street sweeping, restriping, and leaf pick-up.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$508,322		(Undefined)				

## **BROOKMAN ROAD / MIDDLETON ROAD TRAFFIC CONTROL ENHANCEMENTS**

Department:	Engineering	MP Project #:	D34
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$138,945		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low			
Project Description						
This project includes moving the existing stop signage to the north and south Middleton Road approaches, and adding a southbound left-turn lane on Brookman Road at the intersection. Funding for this project has not been identified at this time, nor has a design and construction schedule for this project been established.						
	Ongoing Maintenance Desc	crintion and Estimated	Annual Cost			

### Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of street sweeping, storm drainage system cleaning, and leaf pick-up.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$138,945		(Undefined)				

## **AREA 59 NEIGHBORHOOD ROUTE**

Department:	Engineering	MP Project #:	D35
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$3,160,297		

Ranking Criteria Met		Project Type	Priority					
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low					
☐ Health & Safety	☐ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low					
Project Description								
This project includes constructing a neighborhood classification road between Copper Terrace and Elwert Road as identified in the Area 59 concept plan. Funding for this project has not been identified at this time, nor has a design and construction								

In the Area 59 concept plan. Funding for this project has not been identified at this time, nor has a design and construction schedule for this project been established. It is expected that private site development within this area will dedicate the needed right-of-way and construct the street.

## Ongoing Maintenance Description and Estimated Annual Cost

City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of street sweeping, storm drainage system cleaning, and leaf pick-up.



% of Project Budget Assigned to Funding Source								
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$3,160,297		(Undefined)					

# SHERWOOD SYSTEM MONITORING PROGRAM

Department:	Engineering	MP Project #:	D36				
Category:	Capital Project-Transportation	Navigator Job#					
Total Project Cost:	\$400,000						
Rank	ing Criteria Met	Project Type	Priority				
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low				
	Project Description						
Establish and maintain a program involving monitoring system performance measures semiannually. Program will monitor growth, performance targets, and identify when improvements are needed.							
Ongoing Maintenance Description and Estimated Annual Cost							
Maintain a monitoring p	rogram on an on-going basis.						

	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$400,000		(Undefined)			

#### **CLIFFORD COURT STREET RECONSTRUCTION**

Department:	Engineering	MP Project #:	X2
Category:	Capital Project – Upgrade	Navigator Job#	n/a
Total Project Cost:	\$2,375,000		

Ra	nking Criteria Met	Project Type	Priority					
Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
☐ Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low					
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low					
Project Description								
This project reconstructs approximately 190 linear feet of Clifford Court from the intersection of Lincoln Street to the end of								
the cul-de-sac. This project upgrades the current road section to meet the City's TSP standards for a local street. Also								
I included is the acquis	included is the acquisition of right-of-way, the installation/ungrade of utility infrastructure (sanitary, storm, and water) to meet							

the cul-de-sac. This project upgrades the current road section to meet the City's TSP standards for a local street. Also included is the acquisition of right-of-way, the installation/upgrade of utility infrastructure (sanitary, storm, and water) to meet current standards, undergrounding of franchise utilities, and street lighting improvement. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of City SDC's.

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$2,375,000		(Undefined)			

#### LINCOLN STREET (OREGON STREET TO WILLAMETTE STREET)

Department:	Engineering	MP Project #:	Х3
Category:	Capital Project – Upgrade	Navigator Job#	n/a
Total Project Cost:	\$2,970,000		

Rar	nking Criteria Met	Project Type	Priority			
Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☒ Low			
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						

#### Project Description

This project reconstructs approximately 975 linear feet of Lincoln Street between Oregon Street and Willamette Street. This project upgrades the current road section to meet the City's TSP standards for a neighborhood street. Also included is the acquisition of right-of-way, the installation/upgrade of utility infrastructure (sanitary, storm, and water) to meet current standards, undergrounding of franchise utilities, and street lighting improvement. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of City SDC's and County TDT monies.

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$2,970,000		(Undefined)			

#### LINCOLN STREET (WILLAMETTE STREET TO DIVISION STREET)

Department:	Public Works	MP Project #:	X4
Category:	Capital Project – Upgrade	Navigator Job#	
Total Project Cost:	\$4,000,000		

Rai	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
☐ Master Plan	☐ Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☒ Low				
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low				
Project Description							

This project reconstructs approximately 1,100 linear feet of Lincoln Street between Willamette Street and Division Street. This project upgrades the current road section to meet the City's TSP standards for a neighborhood route. Also included is the acquisition of right-of-way, the installation/upgrade of utility infrastructure (sanitary, storm, and water) to meet current standards, undergrounding of franchise utilities, and street lighting improvement. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of City SDC's and County TDT monies.

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$4,000,000		(Undefined)				

#### HIGHLAND DRIVE (WILLAMETTE STREET TO PINE STREET)

Department:	Public Works	MP Project #:	X5
Category:	Capital Project – Upgrade	Navigator Job#	n/a
Total Project Cost:	\$2,400,000		

Project Type	Priority					
ment Maintenance	☐ High ☐ Medium ☐ Low					
artnership 🛛 Replacement	☐ High ☐ Medium ☒ Low					
ility New/Expansion	☐ High ☐ Medium ☐ Low					
Project Description						
a	ment ☐ Maintenance  rtnership ☐ Replacement ☐ New/Expansion					

This project reconstructs Highland Drive between Willamette Street and Pine Street, approximately 870 linear feet. This project upgrades the current road section to meet the City's TSP standards for a residential street. Also included is the acquisition of right-of-way, the installation/upgrade of utility infrastructure (sanitary, storm, and water) to meet current standards, undergrounding of franchise utilities, and street lighting improvement. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of City SDC's.

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$2,400,000		(Undefined)			

#### ORCUTT PLACE (WILLAMETTE STREET TO END OF CUL-DE-SAC)

Department:	Public Works	MP Project #:	X6
Category:	Capital Project – Upgrade	Navigator Job#	n/a
Total Project Cost:	\$845,000		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	☐ Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☒ Low			
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						
This project reconstructs approximately 340 linear feet of Orcutt Place from the intersection of Willamette Street to the end						

This project reconstructs approximately 340 linear feet of Orcutt Place from the intersection of Willamette Street to the end of the cul-de-sac. This project upgrades the current road section to meet the City's TSP standards for a neighborhood route. Also included is the acquisition of right-of-way, the installation/upgrade of utility infrastructure (sanitary, storm, and water) to meet current standards, undergrounding of franchise utilities, and street lighting improvement. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of City SDC's.

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$845,000		(Undefined)			

#### **AREA 54/55 IMPROVEMENTS**

Department:	Public Works	MP Project #:	X7
Category:	Capital Project – Upgrade	Navigator Job#	n/a
Total Project Cost:	\$13,365,000		

Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
Project Description					
This project consists of improving Brookman Road from Highway 99W to Ladd Hill Road to a collector road according to the TSP standards, approximately 1.75 miles. Project funding has not been identified, nor has a project design/construction schedule been established. Funding for this project is expected to be a combination of City SDC's, County TDT, and MSTIP monies.					

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$13,365,000		(Undefined)			

#### WILLAMETTE STREET (PINE STREET TO DIVISION STREET)

Department:	Public Works	MP Project #:	Х8
Category:	Capital Project – Upgrade	Navigator Job#	n/a
Total Project Cost:	\$2,250,000		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	☐ Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☒ Low			
Project Description						

This project reconstructs Willamette Street between Pine Street and Division Street, approximately 850 linear feet. This project upgrades the current road section to meet the City's TSP standards for a neighborhood route. Also included is the acquisition of right-of-way, the installation/upgrade of utility infrastructure (sanitary, storm, and water) to meet current standards, undergrounding of franchise utilities, and street lighting improvement. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of City SDC's and County TDT monies.

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$2,250,000		(Undefined)			

# **VILLA ROAD / FIRST STREET CONNECTION**

VILLA ST

Department:	Public Works	MP Project #:	Х9
Category:	Capital Project – Upgrade	Navigator Job#	n/a
Total Project Cost:	\$2,885,000		

Rar	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low		
Project Description					
This project consists of connecting Villa Street to First Street. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of City SDC's.					
Ongoing Maintenance Description and Estimated Annual Cost					
City Public Works staff will be responsible for the cleaning and maintenance of this road after construction is completed. However, being new construction, it is anticipated that this work will be minimal and consist mostly of cleaning of storm					

water catch basins, street sweeping, and leaf disposal.

			% of Project Budget As	signed to Fundi	ng Source	
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$2,885,000		(Undefined)			

#### BALER WAY/TUALATIN-SHERWOOD ROAD INTERSECTION IMPROVEMENTS

Department:	Engineering	MP Project #:	X10
Category:	Capital Project- Transportation	Navigator Job#	n/a
Total Project Cost:	\$250,000		

Rar	nking Criteria Met	Project Type	Priority			
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	☐ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
Project Description						
This project consists of removing the existing traffic signal once the new signal on Tualatin-Sherwood Road at Adams Avenue is built and installing raised median on Tualatin-Sherwood Road. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of WACO MSTIP funding and be constructed as part of the Tualatin-Sherwood Road reconfiguration project.						
Ongoing Maintenance Description and Estimated Annual Cost						

City Public Works staff will be responsible for the cleaning and maintenance of Langer Drive after improvements are completed. Tualatin-Sherwood Road will be maintained by Washington County.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Fundi	ng Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$250,000	(Ur	defined)				

### **ALEXANDER LANE (SMITH AVENUE TO STREET TERMINUS)**

Department:	Engineering	MP Project #:	X11
Category:	Maintenance Project	Navigator Job#	n/a
Total Project Cost:	\$23,000		

Rar	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement		☐ High ☐ Medium ☒ Low		
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low		
Project Description					
This project rehabilitates approximately 300 linear feet of Alexander Lane road surface from the Smith Avenue intersection to the end of Alexander Lane. This project rehabilitates the street surface by placing a new 2-inch AC pavement overlay on the existing pavement. The schedule for project design and construction has not been established for this project. The expectation is that funding will consist of street maintenance fund monies.					

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$23,000		(Undefined)				

### SUNSET BOULEVARD (GREENGATE DRIVE TO REDFERN DRIVE)

Department:	Engineering	MP Project #:	X12
Category:	Maintenance Project	Navigator Job#	n/a
Total Project Cost:	\$143,500		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	Maintenance	☐ High ☐ Medium ☒ Low			
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						
This project rehabilitates approximately 1,600 linear feet of Sunset Boulevard road surface from the Greengate Drive intersection to the Redfern Drive intersection. This project rehabilitates the street surface by placing a new 2-inch AC pavement overlay on the existing pavement. The schedule for project design and construction has not been established for this project. The expectation is that funding will consist of street maintenance fund monies.						

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$143,500		(Undefined)				

#### OREGON STREET (LINCOLN STREET TO MURDOCK ROAD)

Department:	Engineering	MP Project #:	X13
Category:	Maintenance Project	Navigator Job#	n/a
Total Project Cost:	\$260,500		

Ran	king Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement		☐ High ☐ Medium ☒ Low			
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						

This project rehabilitates approximately 2,800 linear feet of Oregon Street road surface from the Lincoln Street intersection to the intersection with Murdock Road. This project rehabilitates the street surface by placing a new 2-inch AC pavement section on the existing pavement. A project design and construction schedule has not been established. The expectation is that funding will consist of street maintenance fund monies. This project will be performed if the Transportation MP project on page #T9 (total reconstruction of Oregon Street) does not occur.

#### Ongoing Maintenance Description and Estimated Annual Cost



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous							
FY18-19							
FY19-23							
Future	\$260,500						

#### PINE STREET IMPROVEMENTS

Department:	Engineering	MP Project #:	Trans MP #XD1
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$1,850,000		
Ranki	ng Criteria Met	Project Type	Priority
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low
	□ Upgrade Serviceability	New/Expansion     ■	☐ High ☐ Medium ☒ Low

# Project Description

This project includes construction of street improvements to bring Pine Street up to City standards, between Division Street and Sunset Boulevard. Plans exist, but will need to be updated before releasing for bid. New construction easements will need to be obtained as the existing construction easements have lapsed. Funding to come from City transportation SDC funds.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works will have long-term maintenance of the new facility. Maintenance items will include street and sidewalk cleaning and repairs. Storm water system will receive regularly scheduled maintenance to meet CWS reporting requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$1,850,000		Trans Improvement SDC Funds	100%			
Future							

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CIP Projects Listing April 12, 2018

# HANDLEY STREET SIDEWALK INFILL

Department:	Engineering	MP Project #:	P1
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$17,889		

Rar	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High    Medium    Low			
	Project Description					
This project includes construction of sidewalk along the north side of Handley Street from Elwert Road to the existing sidewalk terminus, approximately 250 feet east of Elwert Road. Funding for this project has not been identified. Design and construction schedule has not been established.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works will be responsible for the long term observation of sidewalk maintenance conditions. The property owner						



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$17,889		(Undefined)			

CIP Projects Listing P-1 April 12, 2018

#### **HIGHWAY 99W SIDEWALK INFILL**

Department:	Engineering	MP Project #:	P2
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$5,938,495		

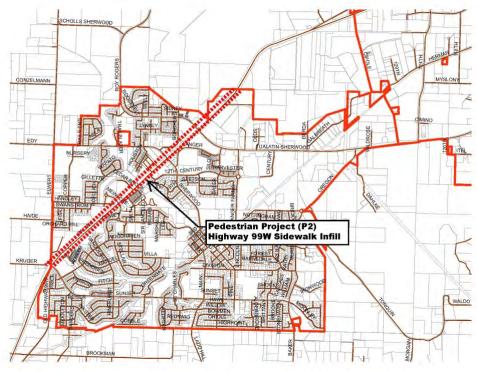
Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	☐ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low		
Project Description					
This project includes construction of sidewalk along both sides of Highway 99W between the north and south limits of the Urban Growth Boundary. Project is expected to include a combination of funding from State ODOT, City Transportation					

Urban Growth Boundary. Project is expected to include a combination of funding from State ODOT, City Transportation SDC's, and private developments. Funding for this project has not been identified. Design and construction schedule has not been established.

Cotabilorica.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works staff will be responsible for the long term observation of sidewalk maintenance condition. Necessary maintenance repairs will be the responsibility of the property owner fronting the sidewalk, and the City in open space areas.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$5,938,495		(Undefined)				

CIP Projects Listing P-2 April 12, 2018

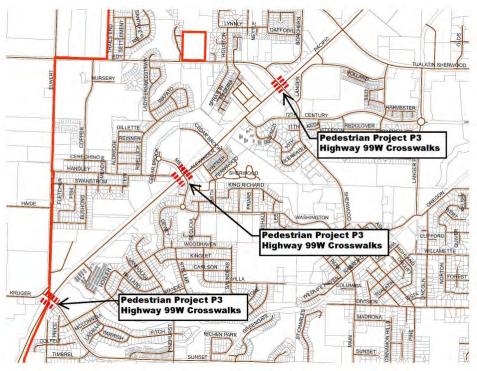
#### **HIGHWAY 99W CROSSWALKS**

Department:	Engineering	MP Project #:	P3
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$10,003		

Ra	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
☐ Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High   ☐ Medium   ☐ Low				
	Project Description						
This project includes installation of pedestrian crosswalks at existing traffic signal locations on Highway 99W between Edy Road and Sunset Boulevard. The crosswalk improvements may be phased individually with their corresponding intersection improvement project (D16, D17 and D31). Funding for this project has not been identified. Design and construction schedule has not been established.							

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works staff will be responsible for the long term observation of crosswalk maintenance condition. ODOT maintenance program will be responsible for maintenance of the crosswalks.



	% of Project Budget Assigned to Funding Source								
Fiscal Year	Flinding Source Flinding Source								
Previous									
FY18-19									
FY19-23									
Future	\$10,003		(Undefined)						

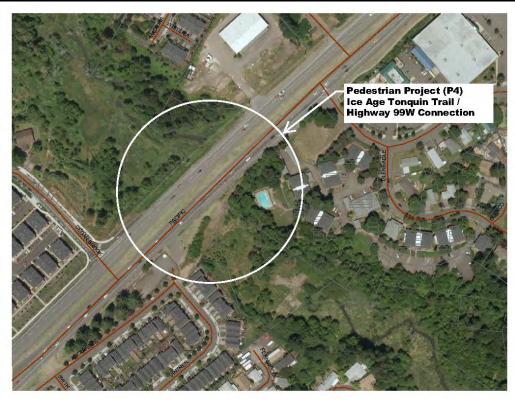
CIP Projects Listing P-3 April 12, 2018

#### ICE AGE TONQUIN TRAIL / HIGHWAY 99W CONNECTION

Department:	Engineering	MP Project #:	P4
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$366,781		

Rar	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High    Medium    Low			
	Projec	ct Description				
This project includes construction of a shared use path that connects the proposed Cedar Creek Trail / Tonquin Trail to Highway 99W. Funding for this project has not been identified, nor has a project design/construction schedule been established.						
Ongoing Maintenance Description and Estimated Annual Cost						

Public Works would have long-term maintenance of the new facility. Yearly maintenance actions would include cleaning the trail surface, replacing any worn or damaged sections, keeping vegetation cut back from the trail, and maintaining any trail structural elements. Estimated at \$10,000 per year.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$366,781		(Undefined)					

### 10TH STREET NEIGHBORHOOD GREENWAY

Department:	Engineering	MP Project #:	P5
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$10,500		
Ranki	ng Criteria Met	Project Type	Priority
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low

Rai	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	☐ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low				
Project Description							
This project includes	construction of sidewalks and shared	lane markings to 10th 9	Street and Gleneagle Drive from Sherwood				

This project includes construction of sidewalks and shared lane markings to 10<sup>th</sup> Street and Gleneagle Drive from Sherwood Boulevard to the planned Cedar Creek / Tonquin Trail connection. Funding for this project has not been identified. Design and construction schedule has not been established.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include restriping and sidewalk maintenance observation.



	% of Project Budget Assigned to Funding Source								
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %			
Previous									
FY18-19									
FY19-23									
Future	\$10,500		(Undefined)						

CIP Projects Listing P-5 April 12, 2018

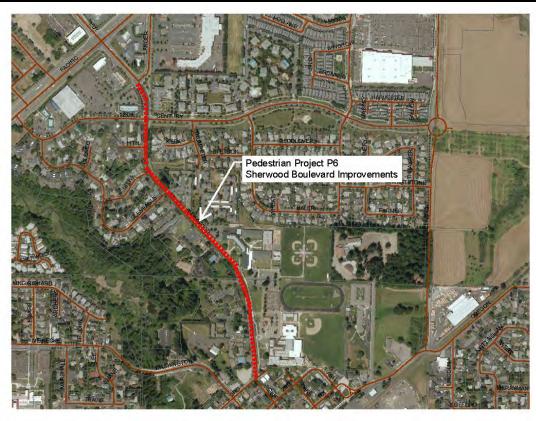
#### SHERWOOD BOULEVARD IMPROVEMENTS

Department:	Engineering	MP Project #:	P6				
Category:	Capital Project-Pedestrian	Navigator Job#					
Total Project Cost:	\$1,273,618						
Ranki	ng Criteria Met	Project Type	Priority				
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	□ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low				
Project Description							

This project includes constructing improvements to Sherwood Boulevard between Langer Drive and 3<sup>rd</sup> Street that are consistent with the Sherwood Town Center Plan. Major improvements include a shared use path on the east side, wider sidewalks on the west side, narrower travel lanes, and landscaping.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping, facility cleaning, and any structural repairs.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$1,273,618		(Undefined)					

CIP Projects Listing P-6 April 12, 2018

# LANGER TO TRUMPETER SHARED USE PATH

Department:	Engineering	MP Project #:	P7
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$435,976		
Rankii	ng Criteria Met	Project Type	Priority

Rar	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low				
	Project Description						
This project includes of	constructing a shared use path conne	ecting Langer Drive and	Trumpeter Drive.				
Ongoing Maintenance Description and Estimated Annual Cost							
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and surfaces.							



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$435,976		(Undefined)					

# HOPKINS ELEMENTARY SCHOOL NORTH SHARED USE PATH

Department:	Engineering	MP Project #:	P8
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$303,946		

Rar	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low			
	Projec	ct Description				
	This project includes constructing a shared use path along the north side of Hopkins School connecting Sherwood Boulevard to the existing trail south of Baler Way.					
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would hasurfaces.	Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and surfaces.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Flinding Source Flinding Source						
Previous							
FY18-19							
FY19-23							
Future	\$303,946		(Undefined)				

CIP Projects Listing P-8 April 12, 2018

# HOPKINS ELEMENTARY SCHOOL EAST SHARED USE PATH

Department:	Engineering	MP Project #:	P9
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$495,319		

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low			
	Projec	ct Description				
	This project includes constructing a shared use path along the east side of Hopkins Elementary School, connecting the existing trail south of Baler Way to St Francis Church access road.					
Ongoing Maintenance Description and Estimated Annual Cost						
	Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and structural maintenance of the pathway.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$495,319		(Undefined)				

CIP Projects Listing P-9 April 12, 2018

# SHERWOOD MIDDLE SCHOOL SHARED USE PATH

Department:	Engineering	MP Project #:	P10
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$529,091		

Rar	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low			
	Project Description					
	This project includes constructing a shared use path on the east side of Sherwood Middle School, connecting the Hopkins Elementary School East Shared Use Path to the pear-about at the Oregon Street/Ash Street intersection.					
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and cleaning of sidewalks.						



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$529,091		(Undefined)				

# **ICE AGE TONQUIN TRAIL SEGMENT 6**

Department:	Engineering	MP Project #:	P11
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$4,650,409		

Rai	nking Criteria Met	Project Type	Priority	
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low	
	Projec	ct Description		
	constructing the Ice Age Tonquin Tra tersection to the Tonquin Road/Oreg		ents from immediately west of the Tonquin	
Ongoing Maintenance Description and Estimated Annual Cost				
Public Works would have long-term maintenance of the new facility within the City limits. Maintenance items will include landscaping and cleaning of sidewalks.				

Pedestrian Project (P11)
Ice Age Tonquin Trail
Segment 6

Pedestrian Project (P11)
Ice Age Tonquin Trail
Segment 6

	% of Project Budget Assigned to Funding Source						
Fiscal Year	Flinding Source Flinding Source					Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$4,650,409		(Undefined)				

CIP Projects Listing P-11 April 12, 2018

# **ICE AGE TONQUIN TRAIL SEGMENT 7**

Department:	Engineering	MP Project #:	P12
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$1,438,318		

•						
Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	⊠ High ☐ Medium ☐ Low			
	Project Description					
This project includes constructing the Ice Age Tonquin Trail Segment 7 improvements from immediately west of the Tonquin Road/Oregon Street intersection to immediately north of Park Street.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility within the City limits. Maintenance items will include landscaping and cleaning of sidewalks.						



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$1,438,319		(Undefined)				

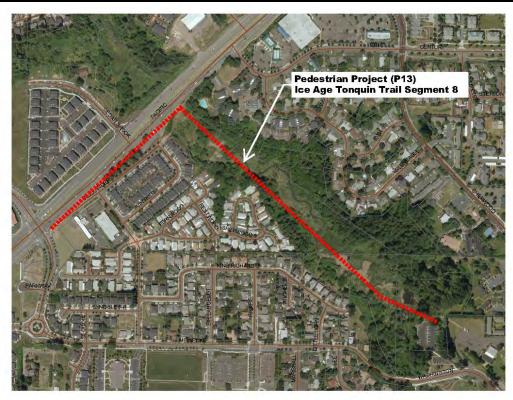
CIP Projects Listing P-12 April 12, 2018

# **ICE AGE TONQUIN TRAIL SEGMENT 8**

Department:	Engineering	MP Project #:	P13
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$865,000 City Share		

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
Project Description						
This project includes constructing Ice Age Tonquin Trail Segment 8 from immediately north of Park Street to immediately south of Hwy 99W, and the Hwy 99W crossing at Meinecke Road.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would h	ave long-term maintenance of the ne	w facility. Maintenance	e items will include landscaping, cleaning			

Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping, cleaning of sidewalks and repair of any damaged structural elements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$483,100	ODOT TGM Grant, City Transportation SDC Match	85/15 Split				
FY18-19	\$381,900	ODOT TGM Grant, City Transportation SDC Match	85/15 Split				
FY19-23							
Future							

CIP Projects Listing P-13 April 12, 2018

#### **ICE AGE TONQUIN TRAIL SEGMENT 9**

Department:	Engineering	MP Project #:	P14
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$1,347,898		
Rank	ing Criteria Met	Project Type	Priority
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low
☐ Health & Safety	☐ Ungrade Serviceability	⊠ New/Expansion	⊠ High □ Medium □ Low

#### **Project Description**

This project includes constructing Ice Age Tonquin Trail Segment 9 from immediately north of Highway 99W to Roy Rogers Road (including Roy Rogers intersection).

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility within the City limits. Maintenance items will include landscaping, cleaning of sidewalks, and repair or replacement of damaged structural items.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$1,347,898		(Undefined)				

CIP Projects Listing P-14 April 12, 2018

# **ICE AGE TONQUIN TRAIL SEGMENT 10**

Department:	Engineering	MP Project #:	P15
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$1,867,725		

Ra	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	☑ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low				
	Project Description						
This project includes constructing Ice Age Tonquin Trail Segment 10 improvements from Roy Rogers Road north to the Tualatin National Wildlife Refuge trailhead.							
Ongoing Maintenance Description and Estimated Annual Cost							
Public Works would have long-term maintenance of the new facility within the City limits. Maintenance items will include landscaping, sidewalk cleaning, and repair or replacement of any damaged structural elements.							



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$1,867,725		(Undefined)				

CIP Projects Listing P-15 April 12, 2018

# **ICE AGE TONQUIN TRAIL SEGMENT 11**

Department:	Engineering	MP Project #:	P16
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$2,778,000		

Rai	nking Criteria Met	Project Type	Priority	
Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low	
Project Description				
This project includes constructing the Ice Age Tonquin Trail Segment 11 improvements from immediately east of Tonquin Road/Oregon Street intersection to immediately west of Cipole Road.				
Ongoing Maintenance Description and Estimated Annual Cost				
Public Works would have long-term maintenance of the new facility within the City limits. Maintenance items will include landscaping, sidewalk cleaning, and repair or replacement of any damaged structural elements.				



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$2,778,000		(Undefined)			

CIP Projects Listing P-16 April 12, 2018

# **ICE AGE TONQUIN TRAIL SEGMENT 12**

Department:	Engineering	MP Project #:	P17
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$3,690,738		

Rai	nking Criteria Met	Project Type	Priority	
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low	
Project Description				
This project includes constructing the Age Tonquin Trail Segment 12 improvements from immediately west of Cipole Road to immediately north of Highway 99W.				
Ongoing Maintenance Description and Estimated Annual Cost				
Public Works would have long-term maintenance of the new facility within the City limits. Maintenance items will include landscaping, sidewalk cleaning, and repair or replacement of any damaged structural elements.				



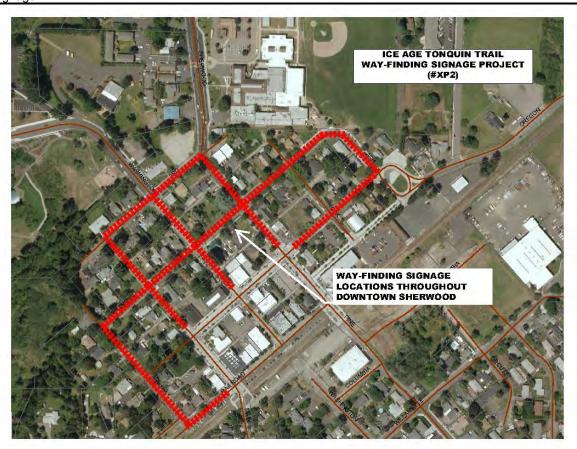
% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$3,690,738		(Undefined)			

**CIP Projects Listing** P-17 April 12, 2018

## ICE-AGE TONQUIN TRAIL WAYFINDING SIGNAGE

Department:	Engineering	MP Project #:	XP-2
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$105,000		

Ra	nking Criteria Met	Project Type	Priority		
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	⊠ High ☐ Medium ☐ Low		
	Project Description				
This project includes installation of wayfinding signage in conjunction with the Ice Age Tonquin Trail project. Funding is through Metro Neighborhood Grant.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include long term maintenance of the signage.					

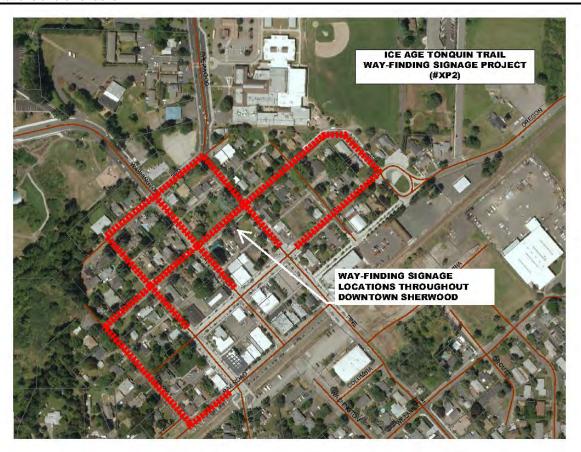


	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$35,010	Metro Neighborhood Grant	100%				
FY18-19	\$69,990	Metro Neighborhood Grant	100%				
FY19-23							

# ICE-AGE TONQUIN TRAIL WCVA BIKE STATION GRANT

Department:	Engineering	MP Project #:	XP-2
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$55,000		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
	Project Description					
This project will instal	I bike maintenance stations and cove	red bike racks through	out the Old Town area.			
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include long term maintenance of the stations and bike racks.						



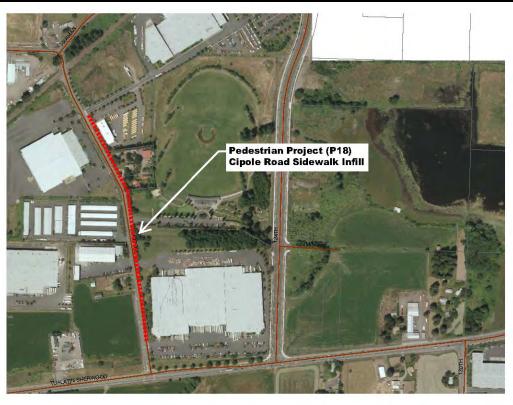
	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$20,000		Metro Neighborhood Grant	100%		
FY18-19	\$35,000		Metro Neighborhood Grant	100%		
FY19-23						
Future						

CIP Projects Listing P-18b April 12, 2018

# **CIPOLE ROAD SIDEWALK INFILL**

Department:	Engineering	MP Project #:	P18
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$51,000		

Total Project Cost.	\$51,000					
Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High   ☐ Medium   ☐ Low			
Project Description						
This project includes constructing approximately 800 feet of sidewalk along the east side of Cipole Road from approximately 1,250 feet north of Tualatin-Sherwood Road to the existing sidewalk terminus located approximately 450 feet north of Tualatin-Sherwood Road.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and cleaning of sidewalks.						



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$51,000		(Undefined)			

CIP Projects Listing P-19 April 12, 2018

# 12TH STREET SIDEWALK INFILL

Department:	Engineering	MP Project #:	P19
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$70,000		

Ra	nking Criteria Met	Project Type	Priority		
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	⊠ High ☐ Medium ☐ Low		
Project Description					
This project includes constructing sidewalk along the south side of 12 <sup>th</sup> Street from Highway 99W to Sherwood Boulevard. Design items include obtaining right-of-way and access easements.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and cleaning of sidewalks.					



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$70,000		(Undefined)			

## **DIVISION STREET SIDEWALK INFILL**

Department:	Engineering	MP Project #:	P20
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$1,287,891		

Rar	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low			
	Projec	ct Description				
This project includes of	constructing sidewalk along both side	s of Division Street from	m Main Street to Cuthill Place.			
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and						
cleaning of sidewalks.						



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	The standing source is a stand					
Previous							
FY18-19							
FY19-23							
Future	\$1,287,891		(Undefined)				

CIP Projects Listing P-21 April 12, 2018

## **MEINECKE ROAD SIDEWALK INFILL**

Department:	Engineering	MP Project #:	P21
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$23,500		

Rar	nking Criteria Met	Project Type	Priority		
		☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High     Medium   ☐ Low		
	Projec	ct Description			
	constructing sidewalk along the north approximately 400 feet).	side of Meinecke Road	d from Lee Drive to the existing sidewalk		
Ongoing Maintenance Description and Estimated Annual Cost					
	Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and cleaning of sidewalks.				



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Source Funding Source							
Previous								
FY18-19								
FY19-23								
Future	\$23,500		(Undefined)					

CIP Projects Listing P-22 April 12, 2018

## **PINE STREET SIDEWALK INFILL SEGMENT 1**

Department:	Engineering	MP Project #:	P22
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$12,000		

Rai	nking Criteria Met	Project Type	Priority				
		☐ Maintenance	☐ High ☐ Medium ☐ Low				
		Replacement	☐ High ☐ Medium ☐ Low				
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low				
	Projec	ct Description					
This project includes	constructing sidewalk along the west	side of Pine Street fron	n Willamette Street to Columbia Street.				
Ongoing Maintenance Description and Estimated Annual Cost							
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and cleaning of sidewalk.							



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Flinding Source Flinding Source						
Previous							
FY18-19							
FY19-23							
Future	\$12,000		(Undefined)				

CIP Projects Listing P-23 April 12, 2018

## **PINE STREET SIDEWALK INFILL SEGMENT 2**

Department:	Engineering	MP Project #:	P23
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$68,500		
Ranking Criteria Met		Project Type	Priority
M Council Goals	Pegulatory Peguirement	☐ Maintenance	☐ High ☐ Medium ☐ Low

Rar	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	□ Upgrade Serviceability	☐ New/Expansion	⊠ High ☐ Medium ☐ Low		
Project Description					
This project includes constructing sidewalks along the east side of Pine Street from Division Street to Sunset Boulevard, and the fill the sidewalk gap along the west side of Pine just north of Sunset Boulevard.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and cleaning the sidewalks.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$68,500		(Undefined)				

CIP Projects Listing P-24 April 12, 2018

### **WILLAMETTE STREET SIDEWALK INFILL SEGMENT 1**

Department:	Engineering	MP Project #:	P24
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$929,411		
Rank	king Criteria Met	Project Type	Priority
Мо по г			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low
<ul><li>⊠ Council Goals</li><li>⊠ Master Plan</li></ul>	<ul><li>☐ Regulatory Requirement</li><li>☐ Outside Funding/Partnership</li></ul>	☐ Maintenance ☐ Replacement	☐ High ☐ Medium ☐ Low ☐ High ☐ Medium ☐ Low

#### **Project Description**

This project includes constructing sidewalk along the south side of Willamette Street from Division Street to Upper Roy Street.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and cleaning the sidewalks.

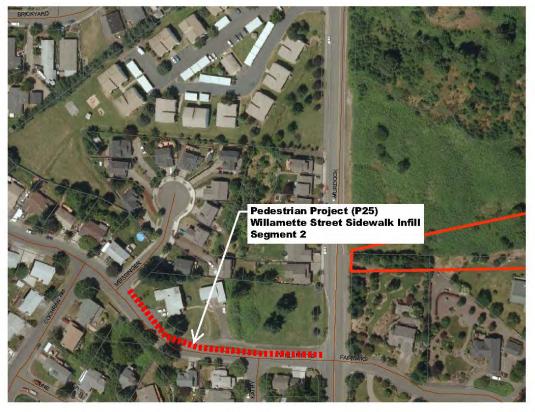


	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$929,411		(Undefined)				

## WILLAMETTE STREET SIDEWALK INFILL SEGMENT 2

Department:	Engineering	MP Project #:	P25
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$8,500		

Ranking Criteria Met Project Type Maintenance Maintena							
Master Plan	Rar	nking Criteria Met	Project Type	Priority			
☑ Health & Safety ☑ Upgrade Serviceability ☑ New/Expansion ☐ High ☐ Medium ☑ Low Project Description This project includes constructing sidewalk along the north side of Willamette Street from Cochran Drive to Murdock Road. Ongoing Maintenance Description and Estimated Annual Cost Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and	□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Project Description  This project includes constructing sidewalk along the north side of Willamette Street from Cochran Drive to Murdock Road.  Ongoing Maintenance Description and Estimated Annual Cost  Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and		☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
This project includes constructing sidewalk along the north side of Willamette Street from Cochran Drive to Murdock Road.  Ongoing Maintenance Description and Estimated Annual Cost  Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and		□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low			
Ongoing Maintenance Description and Estimated Annual Cost Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and	Project Description						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and	This project includes constructing sidewalk along the north side of Willamette Street from Cochran Drive to Murdock Road.						
	Ongoing Maintenance Description and Estimated Annual Cost						



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$8,500		(Undefined)				

CIP Projects Listing P-26 April 12, 2018

#### **HIGHWAY 99W GRADE-SEPARATED CROSSING**

Department:	Engineering	MP Project #:	P26
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$6,412,057		

Ra	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High    Medium    Low				
Project Description							

This project includes constructing a grade separated crossing of Highway 99W for pedestrians and bicyclists, providing a direct connection for the Ice Age Tonquin Trail east and west of the highway. Items will include constructing a combination pedestrian/wildlife habitat undercrossing of Highway 99W. The new undercrossing will be located within the existing stream culvert crossing corridor of Highway 99W. Significant coordination between ODOT, City, County, and other jurisdiction agencies will be necessary for the project. Project schedule and funding sources have not been determined at this time.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping, pavement surfaces, and non-structural items.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$6,412,057		(Undefined)				

## **WASHINGTON STREET SIDEWALK INFILL**

Category: Capital Project-Pedestrian Navigator Job#	
Total Project Cost: \$46,500	

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low			
Project Description						
This project includes constructing sidewalk along both sides of Washington Street from Division Street to Tualatin Street.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and sidewalk cleanings.						



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$46,500		(Undefined)				

CIP Projects Listing P-28 April 12, 2018

#### PINE STREET / DIVISION STREET CROSSING IMPROVEMENTS

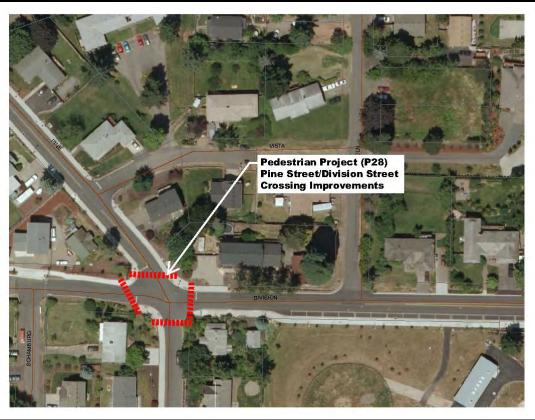
Department:	Engineering	MP Project #:	P28			
Category:	Capital Project-Pedestrian	Navigator Job#				
Total Project Cost:	\$1,000					
Rank	ing Criteria Met	Project Type	Priority			
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☒ Low			
Project Description						

This project includes installing crosswalk markings at the Pine Street/Division Street intersection.

Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include restriping the

intersection when needed.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$1,000		(Undefined)				

CIP Projects Listing P-29 April 12, 2018

## PINE STREET / SUNSET BOULEVARD CROSSING IMPROVEMENTS

Department:	Engineering	MP Project #:	P29
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$6,000		

Ra	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low				
	Project Description						
This project includes	installation of crosswalk striping at the	e Pine Street/Sunset Bo	oulevard intersection.				
Ongoing Maintenance Description and Estimated Annual Cost							
Public Works would have long-term maintenance of the new facility. Maintenance items will include restriping the crossings when needed.							



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous							
FY18-19							
FY19-23							
Future	\$6,000	Transportation SDC	100%				

CIP Projects Listing P-30 April 12, 2018

## SUNSET BOULEVARD/ST. CHARLES WAY CROSSING IMPROVEMENTS

Department:	Engineering	MP Project #:	P30
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$1,000		

Rar	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	□ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low		
	Projec	ct Description			
This project includes i	nstallation of crosswalk striping at the	e intersection of Sunset	Boulevard and St. Charles Way.		
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include restriping the crosswalk markings when needed.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$ 1,000		(Undefined)				

CIP Projects Listing P-31 April 12, 2018

## SUNSET BOULEVARD / REDFERN DRIVE CROSSING IMPROVEMENT

Department:	Engineering	MP Project #:	P31
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$10,000		

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability	New/Expansion     ■	☐ High   ☐ Medium   ☐ Low			
Project Description						
This project includes i	nstallation of pedestrian crossing at t	he Sunset Boulevard /	Redfern Drive intersection.			
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include restriping the pedestrian crossing as needed.						



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$10,000		(Undefined)			

CIP Projects Listing P-32 April 12, 2018

## SUNSET BOULEVARD / EXISTING TRAIL CROSSING IMPROVEMENTS

Department:	Engineering	MP Project #:	P35
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$1,000		

Rar	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
Project Description					
	nstallation of pedestrian crossing acr	oss Sunset Boulevard	at the existing trail located west of		
Heatherwood Lane.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include restriping the crossing on an as-needed basis.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$1,000		(Undefined)				

CIP Projects Listing P-33 April 12, 2018

## **LOCAL OFF-STREET TRAIL SEGMENT 1**

Department:	Engineering	MP Project #:	P36
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$1,350,200		

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low			
	Project Description					
This project includes constructing an off-street trail from the existing trail on Seely Lane to the Highway 99W/Home Depot access intersection (approximately 4,100 feet length).						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and repairs						

of trail facilities on an as-needed basis.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$1,350,200		(Undefined)				

## **LOCAL OFF-STREET TRAIL SEGMENT 4**

Department:	Engineering	MP Project #:	P39
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$337,550		

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low			
	Project Description					
This project includes constructing an off-street trail from Highway 99W to Woodhaven Drive, approximately 150-feet west of Dewey Drive (approximately 1,000-feet length).						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and repairs						

of trail facilities on an as-needed basis.



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$337,550		(Undefined)			

### **LOCAL OFF-STREET TRAIL SEGMENT 5**

Department:	Engineering	MP Project #:	P40
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$514,362		

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low			
Project Description						
This project includes constructing an off-street trail segment from the Stellar Drive trail to Sunset Boulevard at the Gatewood						
Drive pedestrian access, and an off-street trail segment connecting the Richen Park Terrace pedestrian access to Pinehurst						
Drive along the back	Drive along the back of Woodhaven Park (approximately 1,600 feet length).					

Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and repair of trail facilities on an as-needed basis.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$514,362		(Undefined)				

## **LOCAL OFF-STREET TRAIL SEGMENT 6**

Department:	Engineering	MP Project #:	P41
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$273,037		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low		
Project Description					
This project includes construction of off-street trail from Sunset Boulevard, just west of Redfern Drive, to the St. Charles Way trail (approximately 1,500 feet length).					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and repairs to trail facilities on an as-needed basis					

Pedestrian Project (P41)
Local Off-Street Trail
Segment 6

% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$273,037		(Undefined)			

## **LOCAL OFF-STREET TRAIL SEGMENT 7**

Department:	Engineering	MP Project #:	P42
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$218,430		

Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
Project Description					
This project includes construction of an off-street trail from the north end of the St Charles Way trail to Villa Road at the existing trail head (approximately 3,200 feet length).					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and repairs to trail facilities on an as-needed basis.					



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$218,430		(Undefined)			

CIP Projects Listing P-38 April 12, 2018

## **OREGON STREET SIDEWALK INFILL**

Department:	Engineering	MP Project #:	P44			
Category:	Capital Project-Pedestrian	Navigator Job#				
Total Project Cost:	\$225,000					

Ra	nking Criteria Met	Project Type	Priority			
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	☑ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
Project Description						
This project includes constructing sidewalk along the south side of Oregon Street between Hall Street and Orland Street.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and repair of sidewalk facilities on an as-needed basis.						



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$225,000		Transportation SDC Funds	100%			
Future							

## **MURDOCK ROAD SIDEWALK INFILL SEGMENT 1**

Department:	Engineering	MP Project #:	P45
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$77,000		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High   ☐ Medium   ☐ Low		
Project Description					
This project includes construction of sidewalk along the east side of Murdock Road between Willamette Street and the Murdock Road/Oregon Street intersection.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping and repairs to trail facilities on an as-needed basis					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$77,000		(Undefined)				

**CIP Projects Listing** P-40 April 12, 2018

## **MURDOCK ROAD SIDEWALK INFILL SEGMENT 2**

Department:	Engineering	MP Project #:	P46
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$588,596		

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low			
Project Description						
This project includes construction of pedestrian sidewalk along the east side of Murdock Road between Sunset Boulevard to the existing sidewalk terminus approximately 600 feet south of Upper Roy Street.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping, sidewalk cleaning, and repairs of the sidewalk facilities on an as-needed basis						



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$588,596		(Undefined)					

CIP Projects Listing P-41 April 12, 2018

## **ROY ROGERS ROAD CROSSING IMPROVEMENTS**

Department:	Engineering	MP Project #:	P47
Category:	Capital Project-Pedestrian	Navigator Job#	
Total Project Cost:	\$50,000		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
Project Description					
This project includes installation of a pedestrian crossing on Roy Rogers Road between Lynnly Way and Lavender Avenue (e.g. at the Seely Lane alignment).					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include restriping the pedestrian crossing on an as-needed basis.					



% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$50,000		(Undefined)				

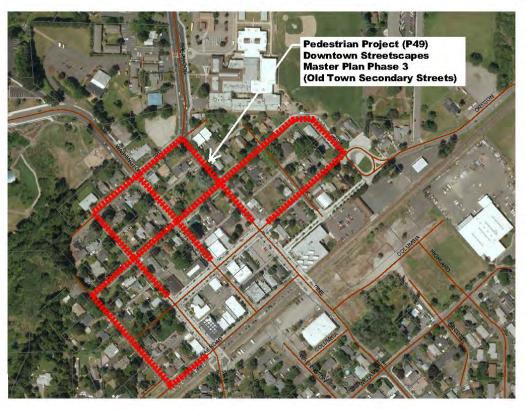
CIP Projects Listing P-42 April 12, 2018

## DOWNTOWN STREETSCAPES MASTER PLAN PHASE 3 (OLD TOWN SECONDARY STREETS)

Department:	Engineering	MP Project #:	P49			
Category:	Capital Project-Pedestrian	Navigator Job#				
Total Project Cost:	\$528,000					
Ranki	ng Criteria Met	Project Type	Priority			
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety ☐ Upgrade Serviceability ☐ New/Expansion ☐ High ☐ Medium ☐ Low						
Project Description						
This project includes completing Phase 3 (Old Town Secondary Streets) of the Downtown Streetscapes Master Plan.						

Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping, sidewalk cleaning, and repair of sidewalk facilities on an as-needed basis.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$528,000		(Undefined)					

CIP Projects Listing P-43 April 12, 2018

### DOWNTOWN STREETSCAPES MASTER PLAN PHASE 4 (OLD TOWN RESIDENTIAL STREETS)

Department:	Engineering	MP Project #:	P50			
Category:	Capital Project-Pedestrian	Navigator Job#				
Total Project Cost:	\$528,000					
Ranki	ng Criteria Met	Project Type	Priority			
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	☑ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
Project Description						
This project includes completing Phase 4 (Old Town Residential Neighborhoods) of the Downtown Streetscapes Master Plan.						
Ongoing Maintenance Description and Estimated Annual Cost						

Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping, sidewalk

cleaning, and repairs of sidewalk facilities on an as-needed basis.

Pedestrian Project (P50)
Downtown Streetscapes
Master Plan Phase 4
(Old Town Residential Streets)

	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount	Funding	Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$528,000	(Unde	fined)					

CIP Projects Listing P-44 April 12, 2018

### SUNSET BOULEVARD SIDEWALK INFILL (DESIGN & CONSTRUCTION)

Department:	Engineering	MP Project #:	XP-1			
Category:	Capital Project-Pedestrian	Navigator Job#				
Total Project Cost:	\$243,672					
Ranki	na Criteria Met	Project Type	Priority			

Rai	nking Criteria Met	Project Type	Priority		
Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	☐ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low		
Project Description					
This project includes constructing a public sidewalk along the north side of Sunset Boulevard, beginning the east side of the Pine Street intersection and extending east to connect to the existing sidewalk stub (approximately 190 l.f.)					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping, sidewalk					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous	\$28,626		Safe Sidewalks	100%			
FY18-19	\$215,046		Safe Sidewalks	100%			
FY19-23							
Future							

CIP Projects Listing P-45 April 12, 2018

# WILLAMETTE STREET, NORTON AVENUE, MARTIN COURT, LINCOLN STREET, OREGON STREET – STORM WATER IMPROVEMENT PROJECT

Department:	nent: Engineering		SD MP #1
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$370,044		

Ra	nking Criteria Met	Project Type	Priority		
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High   ☐ Medium   ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low		
Project Description					
This project includes removing & replacing existing storm lines with new storm lines, sized 10" to 24", based on pipe and manhole conditions and capacity improvements. This is a medium term project (+10-years). Project to be funded from storm water improvement SDC's.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled					



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Funding Source	Funding Source	Funding Amount or %		
Previous						
FY18-19						
FY19-23						
Future	\$370,044	SD Improvement SDC Funds	100%			

CIP Projects Listing SD 1 April 12, 2018

## MERRYMAN STREET TO OREGON STREET TO OUTFALL

Department:	Engineering	MP Project #:	SD MP #2
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$680,222		
Rar	nking Criteria Met	Project Type	Priority
Rar Council Goals	nking Criteria Met	Project Type  Maintenance	Priority ☐ High ☐ Medium ☐ Low
	· ·		,

#### **Project Description**

This project includes removing and replacing 12", 15" and 24" dia existing storm water mainline with new. Project includes crossing private property and under homes. Pipe bursting may be required. Project is identified as a long term project (20+ years)

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Source	Funding Amount or %		
Previous							
FY18-19							
FY19-23							
Future	\$680,222	City S	D Improvement SDC funds	100%			

CIP Projects Listing SD 2 April 12, 2018

# HALL STREET TO OREGON STREET, LOWER ROY STREET TO OREGON STREET, BRICKYARD STREET TO OREGON STREET, AND NOTTINGHAM STREET

Department:	Engineering	MP Project #:	SD MP #3
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$580,638		

Rai	nking Criteria Met	Project Type	Priority			
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☒ Low			
Project Description						
This project includes removing and replacing existing storm pipe with new and upsizing where necessary. This is a long term project (20+ years). Funding for this project would come from City stormwater improvement SDC's.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.						



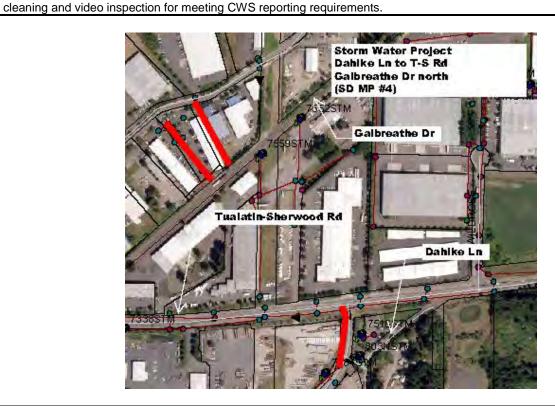
% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$580,638		City SD Improvement SDC Funds	100%		

CIP Projects Listing SD 3 April 12, 2018

### DAHLKE LANE TO TUALATIN-SHERWOOD ROAD, GALBREATH DRIVE NORTH

Department:	Engineering	MP Project #:	SD MP #4			
Category:	Capital Improvement	Navigator Job#				
Total Project Cost:	\$80,668					
Rank	ing Criteria Met	Priority				
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low			
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						
This project includes removing and replacing existing storm water pipe with new pipe. Replacement needed due to pipe condition and capacity issues. Project funded from City storm water improvement SDCs. This is a long term project schedule (20+ years).						
Ongoing Maintenance Description and Estimated Annual Cost						

Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous						
FY18-19						
FY19-23						
Future	\$80,668	City SD Improvement SDC Funds	100%			

CIP Projects Listing SD 4 April 12, 2018

#### LEE DRIVE TO MEINECKE ROAD - PIPE REPLACEMENT

Department:	Engineering	MP Project #:	SD MP #5		
Category:	Capital Improvement	Navigator Job#			
Total Project Cost:	\$80,928				
Ranki	ng Criteria Met	Project Type	Priority		
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low		
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low		
	Projec	ct Description			
This project includes removing and replacing existing storm water pipe with new 12" HDPE pipe. Pipe alignment may run under homes or through private property. This is a long term project (20+ years). Project will be funded from storm water reimbursement SDCs.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.					



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$80,928		SD Reimbursement SDC Funds	100%		

CIP Projects Listing SD 5 April 12, 2018

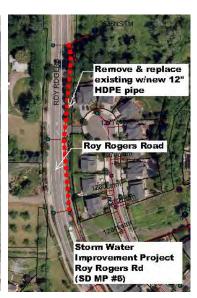
### LANGER DRIVE, JONQUIL TERRACE, ROY ROGERS ROAD - PIPE REPLACEMENT

Department:	Engineering	MP Project #:	SD MP #6		
Category:	Capital Improvement	Navigator Job#			
Total Project Cost:	\$332,828				
Ranki	ng Criteria Met	Project Type	Priority		
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low		
☐ Health & Safety	☑ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low		
	Projec	ct Description			
This project includes removal and replacement of existing 12" to 30" storm pipe w/new HDPE pipe. Replacement needed due to capacity and conditions issues with the pipe and manholes. Replacement is a long term project schedule (20+ years) Project funded from City SD reimbursement SDCs.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled					



cleaning and video inspection for meeting CWS reporting requirements.





	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount Funding Source Funding Amount or %				Funding Amount or %			
Previous								
FY18-19								
FY19-23								
Future	\$332,828	SD Reimbursement SI	DC Funds 100%					

#### **OREGON STREET REGIONAL STORMWATER FACILITY**

Department:	Engineering	MP Project #:	SD MP #7A
Category:	Capital Project – Storm	Navigator Job#	
Total Project Cost:	\$704,410		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low			
Project Description						
This project is identified in the City's Stormwater Master Plan. This project constructs a regional storm water treatment						

This project is identified in the City's Stormwater Master Plan. This project constructs a regional storm water treatment facility located north of Oregon Street and west of the Murdock Road roundabout, and which will serve the Tannery site acreage. The construction of this storm water quality facility will increase the redevelopment potential of the Tannery site. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of City SDC and CWS SWM CIP reimbursement monies.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works maintenance will consist of inspection and cleaning the water quality facility to maintain its functionality. This work will be performed on a yearly basis.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19	\$324,183		Stormwater SDC Funds	100%				
FY19-23	\$380,220		Stormwater SDC Funds	100%				
Future								

# SW $2^{\text{ND}}$ AND PARK STREETS, STORM WATER QUALITY FACILITY REHABILITATION DESIGN

Department:	Engineering	MP Project #:	SD MP #8
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$375, 943		

Rai	nking Criteria Met	Project Type	Priority			
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
	Project Description					
This project includes reviewing the existing facility and determining corrective measures to make the facility fully operable and able to meet CWS operational requirements. This is a near term project (<5+ years).						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.						



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$72,304		SD Improvement SDC Funds	100%				
FY18-19	\$303,639		SD Improvement SDC Funds	100%				
FY19-23								
Future								

#### ST CHARLES STREET (NORTH) PROPRIETARY CARTRIDGE CATCHBASIN INSTALLATION

Department:	Engineering	MP Project #:	SD MP #9			
Category:	Capital Improvement	Navigator Job#				
Total Project Cost:	\$85,000					
Ranl	Ranking Criteria Met Project Type Priority					
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expan	⊠ High ☐ Medium ⊠ Low			
	Projec	ct Description				
This project includes replacing an existing catchbasin with a proprietary stormwater cartridge catchbasin (x2 cartridges).  This is a regulatory retrofit requirement needed to meet the requirements of the CWS MS4 permit. This is a short term timeline project (<5 years). This project will be funded through the City storm improvement SDCs.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works will have	Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled					



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %			
Previous								
FY18-19	\$85,000	SD Improvement SDC Funds	100%					
FY19-23								
Future								

### ST CHARLES STREET (SOUTH) PROPRIETARY CARTRIDGE VAULT INSTALLATION

Department:	Engineering	MP Project #:	SD MP #10
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$95,000		

Ra	nking Criteria Met	Project Type	Priority				
☐ Council Goals ☐ Regulatory Requirement		☐ Maintenance	☐ High ☐ Medium ☐ Low				
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	□ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low				
	Project Description						
This project includes installation of a proprietary storm water quality treatment vault system (multi-cartridge). This is a regulatory retrofit requirement needed to meet the requirements of the CWS MS4 permit. This is a short term timeline project (<5 years). This project will be funded through the use of City storm improvement SDC's.							
Ongoing Maintenance Description and Estimated Annual Cost							
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.							



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23	\$95,000		SD Improvement SDC Funds	100%				
Future								

CIP Projects Listing SD 10 April 12, 2018

### DRAINAGE SWALE UPGRADE AT STELLA OLSEN PARK

Department:	Engineering	MP Project #:	SD MP #11
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$110,744		

Ranking Criteria Met		Project Type	Priority			
☐ Council Goals	□ Regulatory Requirement		⊠ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						
This project includes rehabilitating the swale by upgrading the side slopes, increasing bottom width, and overall conveyance capacity. Project is listed as a short term schedule (<5 years). Project funding would come from SD improvement SDC'						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.						



% of Project Budget Assigned to Funding Source								
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %			
Previous								
FY18-19								
FY19-23	\$110,774	SD Improvement SDC Funds	100%					
Future								

CIP Projects Listing SD 11 April 12, 2018

#### INSTALLATION OF EXTENDED DETENTION STORM WATER BASIN AT GLENEAGLE DRIVE

Department:	Engineering	MP Project #:	SD MP #12		
Category:	Capital Improvement	Navigator Job#			
Total Project Cost:	\$120,000				
	•				
Rank	ing Criteria Met	Project Type	Priority		
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low		
	Projec	ct Description			
This project includes installation of a storm water extended detention basin, for conformance with anticipated hydro-modification requirements of CWS MS4 permit. This is listed as a medium term project schedule (>10+ years). Funding for this project would come from stormwater improvement SDC funds.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled					

cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23	\$120,000		SD Improvement SDC Funds	100%				
Future								

### EXTENDED DETENTION BASIN, NORTH SIDE OF SW OREGON STREET

Department:	Engineering	MP Project #:	SD MP #7B
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$149,930		

Rai	nking Criteria Met	Project Type	Priority		
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High    Medium    Low		
	Projec	ct Description			
This project includes design and construction of an extended detention basin on the existing system outfall. Project needed to conform with future hydro-modification requirements of CWS MS4 permit. This is listed as a medium term project schedule. Funding will come from SD Improvement SDC's.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled					

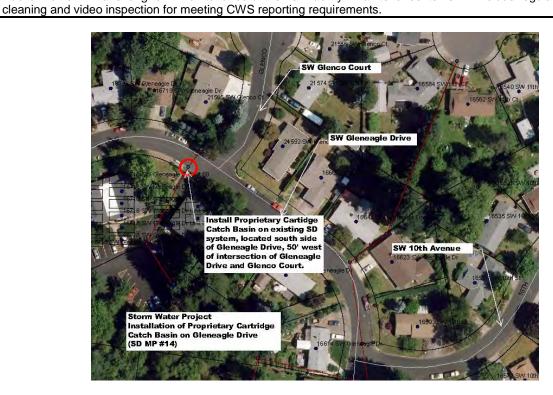


	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23	\$149,930		SD Improvement SDC Funds	100%				
Future								

CIP Projects Listing SD 13 April 12, 2018

# INSTALLATION OF STORM WATER QUALITY PROPRIETARY CATCHBASINS (1x4 CARTRIDGE CATCHBASIN AND 1x1 CARTRIDGE CATCHBASIN, SOUTHWEST OF 16678 SW GLENEAGLE DRIVE)

Department:	Engineering	MP Project #:	SD MP #14		
Category:	Capital Improvement	Navigator Job#			
Total Project Cost:	\$80,000				
Ranki	ng Criteria Met	Project Type	Priority		
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☑ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low		
	Projec	ct Description			
This project includes installation of two storm water quality proprietary catchbasins (1x4 cartridge catchbasin, and 1x1 cartridge catchbasin) on an existing system outfall, located off Gleneagle Drive, behind 16678 Gleneagle Drive lot. Project needed to provide regional storm water quality treatment to existing untreated public systems, in conformance with CWS MS4 permit requirements. Project listed as a medium term project schedule (10+ years). Project will be funded from SD Improvement SDC funds.					
Ongoing Maintenance Description and Estimated Annual Cost					



Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled

	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous							
FY18-19							
FY19-23							
Future	\$80,000	SD Improvement SDC funds	100%				

# INSTALLATION OF STORM WATER QUALITY VAULT ON EXISTING SYSTEM (PROPRIETARY SYSTEM X8 CARTRIDGES) (GLENEAGLE DRIVE STORM)

Department:	Engineering	MP Project #:	SD MP #13
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$120,000		

Ra	nking Criteria Met	Project Type	Priority			
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability		☐ High    Medium    Low			
	Projec	ct Description				
This project includes installation of an x8 cartridge proprietary storm water quality vault on an existing system outfall, located off Gleneagle Drive, behind 16574 Gleneagle Drive lot. Project needed to provide regional storm water quality treatment to existing untreated public systems, in conformance with CWS MS4 permit requirements. Project listed as a medium term project schedule (10+ years). Project will be funded from SD Improvement SDC funds.						
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#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23	\$120,000		SD Improvement SDC funds	100%				
Future								

### INSTALLATION OF EXTENDED DRY DETENTION BASIN - STORM WATER IMPROVEMENT

Department:	Engineering	MP Project #:	SD MP #16		
Category:	Capital Improvement	Navigator Job#			
Total Project Cost:	\$220,103				
Rank	ing Criteria Met	Project Type	Priority		
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
	Projec	ct Description			
This project includes construction of an extended dry detention basin on an existing storm water system outfall. Project is needed to meet CWS MS4 permit requirement. Project is listed as a long term (20+ year) project in the MP. Project is funded from storm water improvement SDC's.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled					

cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$220,103		SD Improvement SDC Funds	100%			

### **INSTALLATION OF STORM WATER TREATMENT SWALE**

Department:	Engineering	MP Project #:	SD MP #17
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$119,915		

Ra	nking Criteria Met	Project Type	Priority		
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
	Projec	ct Description			
This project includes constructing a storm water treatment swale from existing public storm water outfall, towards public storm water conveyance ditch. Project is identified in MP as needed to meet CWS MS4 permit requirements. Project is listed as a long term goal (20+ years). Project would be paid with funds from storm water improvement SDC's.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works will have	e long-term maintenance of the new f	facility. Maintenance it	ems will include regularly scheduled visual		

inspection, and replanting of water quality plantings for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Flinding Source Flinding Source						
Previous							
FY18-19							
FY19-23							
Future	\$119,915	SD Improvement SDC Funds	100%				

**CIP Projects Listing** SD 17 April 12, 2018

### INSTALL STORM WATER QUALITY TREATMENT SWALE ON EXISTING OUTFALL

Department:	Engineering	MP Project #:	SD MP #18
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$120,839		

Rai	nking Criteria Met	Project Type	Priority	
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low	
	Projec	ct Description		
This project includes installation of a storm water quality treatment swale on the outfall of an existing storm water conveyance system (public). Project is identified in MP as needed to meet CWS MS4 permit requirements. Project is listed as a long term goal (20+ years). Project would be paid with funds from storm water improvement SDC's.				
Ongoing Maintenance Description and Estimated Annual Cost				
Public Works will have	e long-term maintenance of the new f	acility. Maintenance ite	ems will include regularly scheduled visual	

Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled visual inspection, and replanting of water quality plantings for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Flinding Source Flinding Source							
Previous								
FY18-19								
FY19-23								
Future	\$120,839		SD Improvement SDC Funds	100%				

### EXTENDED DRY DETENTION BASIN EAST SIDE OF SW MURDOCK ROAD

Department:	Engineering	MP Project #:	SD MP #19
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$330,376		
Ranking Criteria Met		Project Type	Priority

Rai	nking Criteria Met	Project Type	Priority		
☐ Council Goals ☐ Regulatory Requirement		☐ Maintenance	☐ High ☐ Medium ☐ Low		
		Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low		
	Projec	ct Description			
This project includes construction of an extended dry detention basin, located at the outfall of an existing storm water conveyance system. The basin is needed to meet regulatory requirements of CWS MS4 permit for storm water quality and treatment. This project is listed as a long term goal (20+ years). Funding will come from storm water improvement SDC's.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works will have	e long-term maintenance of the new f	acility. Maintenance ite	ems will include regularly scheduled		

Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled invasive vegetation removal and replanting of water quality facilities vegetation for meeting CWS reporting requirements.



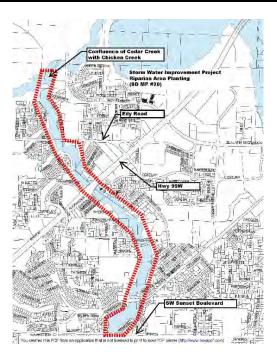
	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous							
FY18-19							
FY19-23							
Future	\$330,376	SD Improvement SDC Funds	100%				

# CEDAR CREEK RIPARIAN AREA PLANTING, SUNSET BOULEVARD TO CONFLUENCE WITH CHICKEN CREEK RIPARIAN AREA

Department:	Engineering	MP Project #:	SD MP #20
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$344,520		

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Ran	king Criteria Met	Project Type	Priority		
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
	Projec	ct Description			
This project includes water quality and hydro-modification planting the Cedar Creek riparian area corridor of Cedar Creek from Sunset Blvd to the confluence with Chicken Creek riparian area. This is a regulatory requirement of CWS MS4 permit for hydro-modification. This is listed as a long term goal (20+ years). This project will be funded through SD improvement funds.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works will have	Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled				

Public Works will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled removal of invasive species and replanting water quality vegetation for meeting CWS permit requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Flinding Source Flinding Source						
Previous							
FY18-19							
FY19-23							
Future	\$344,520		SD Improvement SDC Funds	100%			

# STORM WATER MASTER PLAN MINOR UPDATE RELATED TO CWS MS4 PERMIT CHANGES

Department:	Engineering	MP Project #:	SD MP #21			
Category:	Capital Improvement	Navigator Job#				
Total Project Cost:	\$6,009					
Ran	Ranking Criteria Met Project Type Priority					
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
	Projec	ct Description				
This project includes updating the existing storm water master plan to reflect project changes and updated requirements of CWS MS4 permit. This is listed as a short term project (5+ years). The project will be funded from SDC improvement funds.						
Ongoing Maintenance Description and Estimated Annual Cost						
	There are no physical system maintenance requirements related to this project. The only effort will be in tracking project completed under the current master plan listing.					

	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %			
Previous								
FY18-19								
FY19-23								
Future	\$6,009	SD Improvement SDC Funds	100%					

CIP Projects Listing SD 21 April 12, 2018

### STORM WATER HYDRO-MODIFICATION STUDY

Department:	Engineering	MP Project #:	SD MP #22			
Category:	Capital Improvement	Navigator Job#				
Total Project Cost:	\$120,750					
		_				
Ran	Ranking Criteria Met Project Type Priority					
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		☐ High  ☐ Medium  ☐ Low			
	Projec	ct Description				
This project includes conducting a study of the existing storm water natural conveyance system based on hydro- modification impacts to reflect updated requirements of CWS MS4 permit. This is listed as a medium term project (10+ years). The project will be funded from SDC improvement funds.						
Ongoing Maintenance Description and Estimated Annual Cost						
There are no physical system maintenance requirements related to this project. The only effort will be in performing the hydro-modification study and documenting potential changes to future master plan projects.						

	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount	Funding Source	_	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$120,750	SD Improvement SDC Funds	0,750	100%				

### STORM WATER MASTER PLAN MAJOR UPDATE

Department:	Engineering	MP Project #:	SD MP #23		
Category:	Capital Improvement	Navigator Job#			
Total Project Cost:	\$250,125				
		1			
Rai	nking Criteria Met	Project Type	Priority		
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
	Proje	ct Description			
requirements that will	conducting a major update of the exist be in existence at the time of the upon SD Improvement SDC's.		er plan, to meet CWS MS4 permit long term goal (20+ years). The project		
	Ongoing Maintenance Des	cription and Estimated	Annual Cost		

	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Source Funding Source					Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$250,125	SD Improvement SDC Funds	0,125	100%			

CIP Projects Listing SD 23 April 12, 2018

# BROOKMAN AREA (AREA 54/55) UPPER LADD HILL REGIONAL STORMWATER TREATMENT FACILITY FEASIBILITY STUDY AND DESIGN

Department:	Engineering	MP Project #:	n/a
Category:	Capital Project – Storm	Navigator Job#	
Total Project Cost:	\$151,250		

Ra	nking Criteria Met	Project Type	Priority		
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
	Projec	ct Description			
The project is to define an area where a regional stormwater quality treatment facility may be located and to provide a design for its construction. These design drawings will be provided to developers for their use in development of the Brookman Area (Areas 54/55). This level of work will not have any impact on Public Works maintenance staff. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of City SDC and CWS SWM CIP reimbursement monies.					
Ongoing Maintenance Description and Estimated Annual Cost					
No Public Works mair	ntenance efforts will be required for th	is phase of the project			



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Flinding Source Flinding Source							
Previous								
FY18-19								
FY19-23								
Future	\$151,250		(Undefined)					

### BROOKMAN AREA (AREA 54/55 EAST) REGIONAL STORMWATER FACILITY

reimbursement monies.

Department:	Engineering	MP Project #:	n/a
Category:	Capital Project – Storm	Navigator Job#	
Total Project Cost:	\$847,950		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	⊠ High ☐ Medium ☐ Low			
Project Description						
	This project constructs a combined regional water quality and detention facility located near the north boundary of Area					
54/55, just east of the railroad tracks. This project will treat runoff from future development area before entering the public system and also reduce peak runoff rates. Project funding has not been identified, nor has a project design/construction						
			ination of City SDC and CWS SWM CIP			

Ongoing Maintenance Description and Estimated Annual Cost

Public Works maintenance will consist of inspection and cleaning the water quality facility to maintain its functionality. This work will be performed on a yearly basis.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$847,950		(Undefined)					

### BROOKMAN ROAD (AREA 54/55 WEST) REGIONAL STORMWATER FACILITY

Department:	Engineering	MP Project #:	n/a
Category:	Capital Project – Storm	Navigator Job#	
Total Project Cost:	\$427,950		

Rar	nking Criteria Met	Project Type	Priority				
□ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■	⊠ High ☐ Medium ☐ Low				
	Project Description						
This project constructs a combined regional water quality and detention facility located between Old Highway 99W and							
	Middleton Road, just north of the railroad tracks. This project will treat runoff from future development area before						
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discharging into Cedar Creek and also reduce peak runoff rates. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of City SDC and CWS SWM CIP reimbursement monies.

Ongoing Maintenance Description and Estimated Annual Cost

Public Works maintenance will consist of inspection and cleaning the water quality facility to maintain its functionality. This work will be performed on a yearly basis.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$427,950		(Undefined)				

### AREA 48 HEDGES CREEK STORMWATER FACILITY

Department:	Engineering	MP Project #:	n/a
Category:	Capital Project – Storm	Navigator Job#	
Total Project Cost:	\$1,050,000		

Rar	nking Criteria Met	Project Type	Priority			
□ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low			
	Project Description					
This project constructs	s a regional water quality and possibl	e detention facility loca	ted on the south side of Tualatin-			
	ss from Cipole Road. This project will					
Hedges Creek. Project funding has not been identified, nor has a project design/construction schedule been established.  The expectation is that funding will consist of a combination of City SDC and CWS SWM CIP reimbursement monies.						
Ongoing Maintenance Description and Estimated Annual Cost						
	Origing Maintenance Desc	inplion and Estimated i	Tillidai 003t			
Public Works mainten	ance will consist of inspection and cle	eaning the water quality	y facility to maintain its functionality. This			

Public Works maintenance will consist of inspection and cleaning the water quality facility to maintain its functionality. This work will be performed on a yearly basis.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$1,050,000		(Undefined)				

### AREA 48 COFFEE LAKE CREEK STORMWATER FACILITY

Department:	Engineering	MP Project #:	n/a
Category:	Capital Project – Storm	Navigator Job#	
Total Project Cost:	\$500,000		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
	Projec	ct Description			
This project constructs a regional water quality facility to treat runoff from future development area, located on the southeast corner of Area 48. This facility may also include detention time to reduce impacts to existing downstream culverts. Project funding has not been identified, nor has a project design/construction schedule been established. The expectation is that funding will consist of a combination of City SDC and CWS SWM CIP reimbursement monies.					
On the Maintenance Description and Estimated Association					

Ongoing Maintenance Description and Estimated Annual Cost

Public Works maintenance will consist of inspection and cleaning the water quality facility to maintain its functionality. This work will be performed on a yearly basis.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Flinding Source Flinding Source					Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$500,000		(Undefined)				

#### SOUTH TONQUIN EMPLOYMENT AREA SANITARY SEWER MAINLINE EXTENSION

Department:	Engineering	MP Project #:	SS MP #1
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$630,388		

Ra	nking Criteria Met	Project Type	Priority			
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
Project Description						
This project includes	installation of approximately 2,700 lf of	of 10-inch diameter san	itary sewer mainline pipe from public trunk			

This project includes installation of approximately 2,700 lf of 10-inch diameter sanitary sewer mainline pipe from public trunk line located in Tonquin Road, east along the middle of the Tonquin Employment Area (TEA) to provide access to public sanitary sewer facilities for serving future TEA site development. Anticipate that need for mainline pipe installation will be within 5-years, or near term. Construction of mainline will be performed by private development in coordination with site development. SDC credits for oversizing the mainline pipe (between the standard 8-inch and required 10-inch size) will be available.

#### Ongoing Maintenance Description and Estimated Annual Costs

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$378,000		CWS SS Improvement SDC Fund	16.6%			
Future	\$252,388						

#### NORTH TONQUIN EMPLOYMENT AREA SANITARY SEWER MAINLINE EXTENSION

Department:	Engineering	MP Project #:	SS MP #2
Category:	Capital Improvements	Navigator Job#	
Total Project Cost:	\$2,370,000		

Rar	nking Criteria Met	Project Type	Priority			
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High    Medium    Low			
Project Description						

This project includes installation of approximately 4,100 If of 10-inch diameter sanitary sewer mainline pipe from public trunk line located in Oregon Street, extending east along the Tualatin-Sherwood Road Frontage and extending into the Tonquin Employment Area (TEA) from the north to approximately mid-site, to provide access to public sanitary sewer facilities for serving future TEA site development. Anticipate that the need for installation of the mainline pipe will be within 5-years, or near term. Construction of mainline will be performed by private development in coordination with site development. SDC credit for oversizing the mainline pipe (between the standard 8-inch and required 10-inch size) will be available.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$1,422,000		Private Development Funding	75%			
Future	\$948,070		City SS Imp SDC Fund	8.3%	CWS SS Imp SDC Fund	16.6%	

#### **BROOKMAN AREA SANITARY SEWER TRUNK LINE EXTENSION**

Department:	Engineering	MP Project #:	SS MP #3
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$1,889,378		REDEFINED (SEE PROJECT CWS-1)

Ra	nking Criteria Met	Project Type	Priority			
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		☐ High    Medium    Low			
Project Description						
This project includes installation of approximately 5,500 lf of 10-inch diameter PVC sanitary sewer mainline pipe from public						

This project includes installation of approximately 5,500 If of 10-inch diameter PVC sanitary sewer mainline pipe from public trunk line located at the existing City limits between Cobble Court and Redfern Avenue, within the wetlands corridor. The 10-inch line size provides service to the Brookman Area only. If the line is to also serve the Sherwood West Concept Area, then the line size will be increased to 15-inch diameter HDPE. It is anticipated that construction of the pipeline to service the Brookman Area is within 5-years, or near term. Upsizing of the line to 15-inch will depend on the development pressure exhibited by the Sherwood West Concept Area at the time of development within the Brookman Area. SDC credits for oversizing the trunk line (between the standard 8-inch and required 10-inch or 15-inch size) will be available.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection meeting CWS reporting requirements.



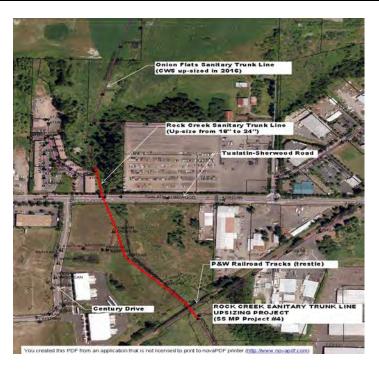
	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$18,540		City SS Imp SDC Fund	100%				
FY18-19	<del>\$75,000</del>		Private Development Funds	<del>75%</del>				
FY19-23	<del>\$1,795,838</del>		City SS Imp SDC Fund	8.3%	CWS SS Imp SDC Fund	<del>16.6%</del>		
Future			REDEFINED (SEE PROJ. CWS-1)					

# ROCK CREEK SANITARY TRUNK LINE UP-SIZING PROJECT, P&W RAILROAD TO TUALATIN-SHERWOOD ROAD (PROJECT PHASE 1)

Department:	Engineering	MP Project #:	SS MP #4
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$736,671		

Total Project Cost.	\$730,071				
Rani	king Criteria Met	Project Type	Priority		
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High   ☐ Medium   ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low		
Project Description					
This project includes up-sizing approximately 1,910 If of 18" diameter sanitary trunk line to 24" diameter trunk line, commencing where Onion Flats trunk line up-sizing (by CWS in 2016) was completed and running south to the first manhole beyond the P&W Railroad ROW. Since project is up-sizing of large diameter trunk line, funding of project construction will primarily include CWS sanitary SDC's. Near term improvement based on TEA development schedule.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled					

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for CWS reporting requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19	\$105,441		CWS SS Imp SDC Fund	66.6%			
FY19-23	\$631,230		City SS Imp SDC Fund	33.3%			
Future							

### **OLD TOWN SANITARY SEWER MAINLINE REPLACEMENT**

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Department:	Engineering	MP Project #:	SS MP #8		
Category:	Capital Improvement	Navigator Job#			
Total Project Cost:	\$238,508				
Ran	king Criteria Met	Project Type	Priority		
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High   ☐ Medium   ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low		
Project Description					
This project includes installing approximately 3,214 lf of 8" diameter PVC sanitary sewer mainline pipe, replacing all Old Town mid-block sanitary mainline pipes which are undersized and deficient in service capacity and condition. Project would be funded from City sanitary improvement SDCs. Project would include asphalt paving of alley way surfaces, which would be funded separately from transportation SDCs.					

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous	\$32,000						
FY18-19							
FY19-23							
Future	\$206,508						

CIP Projects Listing SS-5 April 12, 2018

### SW WASHINGTON STREET & SW SCHAMBURG DRIVE SANITARY SEWER UPGRADE

Department:	Engineering	MP Project #:	SS MP #9	
Category:	Capital Improvement	Navigator Job#		
Total Project Cost:	\$250,000			
Rank	ing Criteria Met	Project Type	Priority	
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
	☐ Outside Funding/Partnership	Replacement	☐ High  ☐ Medium  ☐ Low	
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low	
	Projec	ct Description		
This project includes approximately 1,100 lf of removal and replacement of existing 6" diameter sanitary sewer mainline pipe with 8" diameter sanitary sewer mainline pipe. Commencing on Washington Street and ending at the end of Schamburg Drive. Project replaces undersized pipe to meet City standards, improve serviceability, and increase system life cycle. Funding will be from City sanitary sewer improvement SDC funds.				
Ongoing Maintenance Description and Estimated Annual Cost				
Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.				



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23	\$250,000							
Future								

Note: This project combined two prior CIP projects into one.

# ROCK CREEK TRUNK LINE REPLACEMENT, P&W RAILROAD TO OREGON STREET (PROJECT PHASE 2)

Department:	Engineering	MP Project #:	SS MP #10
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$651,229		

Ra	nking Criteria Met	Project Type	Priority					
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
	☐ Outside Funding/Partnership	□ Replacement	⊠ High ☐ Medium ☐ Low					
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low					
	Project Description							
This project includes replacement of approximately 2,600 lf of existing 15" diameter RCP sanitary sewer trunk pipeline with								

18" diameter HDPE sanitary sewer trunk line between P&W Railroad right-of-way and Oregon Street, Replacement needed due to existing system deficit condition and to provide capacity for future development. Anticipate need for replacement to be near term (within 5 years). Construction funding will be combination of CWS and City SS SDC funds,

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19	\$82,441							
FY19-23	\$568,788							
Future								

# UPSIZE/REMOVE & REPLACE SANITARY SEWER PIPE – PARK STREET, PARK ROW AVENUE, COLUMBIA STREET, FOUNDRY AVENUE, & DIVISION STREET

Department:	t: Engineering		SS MP #11
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$1,980,439		

•						
Ra	inking Criteria Met	Project Type	Priority			
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low			
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
	Projec	ct Description				
This project includes remove and replace existing concrete sewer pipe due to condition issues, and replace existing 6-inch diameter concrete sanitary mainline with 8-inch diameter PVC sanitary mainline pipe. Long term replacement/upgrade project, to increase system serviceability to existing residents.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would h	nave long-term maintenance of the ne	w facility. Maintenance	e items will include regularly scheduled			

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection to meet CWS reporting requirements.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$1,980,439							

CIP Projects Listing SS-8 April 12, 2018

# SANITARY SEWER REPLACEMENT – ONION FLATS TRUNK WEST TOWARDS LANGER FARMS PARKWAY

Department:	Engineering	MP Project #:	SS MP #12
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$90,699		

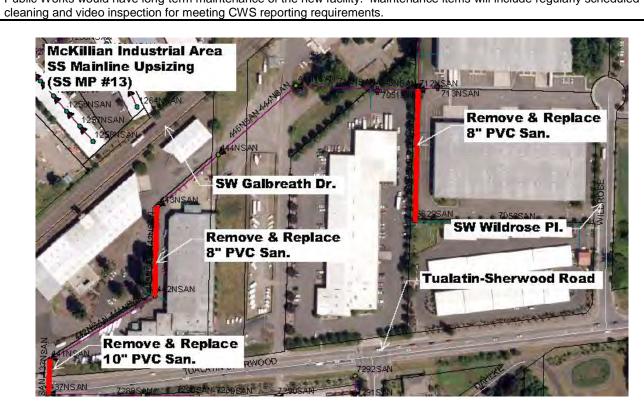
Ra	nking Criteria Met	Project Type	Priority				
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low				
☐ Health & Safety	☐ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low				
	Projec	ct Description					
	This project includes removal and replacement of approximately 300 lf of 8-inch diameter concrete sanitary sewer pipe with 8-inch diameter PVC sanitary sewer pipe. Replacement needed due to pipe condition and possible future failure issues.						
Ongoing Maintenance Description and Estimated Annual Cost							
Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.							



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$90,699							

### MCKILLIAN INDUSTRIAL AREA SANITARY SEWER MAINLINE UPSIZING

Department:	Engineering	MP Project #:	SS MP #13			
Category:	Capital Improvement	Navigator Job#				
Total Project Cost:	\$380,149					
Ranking Criteria Met Project Type Priority						
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Master Plan	☐ Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☒ Low			
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
	Projec	ct Description				
This project includes removing and replacing approximately 800 lf of 8" CP with 10" PVC pipe, from Tualatin-Sherwood Road, paralleling Galbreath Dr., ending at the Wild Rose Ave. industrial park boundary. Replacement needed due to pipe condition and future serviceability. This is a long term project goal.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would hav	Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled					



% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$380,149						

### SW LADD HILL ROAD - SANITARY SEWER MAINLINE REPLACEMENT

Department:	Engineering	MP Project #:	SS MP #14		
Category:	Capital Improvement	Navigator Job#			
Total Project Cost:	\$22,894				
Ranki	ng Criteria Met	Project Type	Priority		
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low		
☐ Health & Safety	☑ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low		
	Projec	ct Description			
This project includes removing and replacing approximately 100 If of 8" CP with 10" PVC pipe, from the intersection of SW Willow Drive, south. Replacement needed due to pipe condition and future serviceability. This is a long term project goal.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.					



	% of Project Budget Assigned to Funding Source								
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %			
Previous									
FY18-19									
FY19-23									
Future	\$22,894								

CIP Projects Listing SS-11 April 12, 2018

### **SW FOREST AVENUE – BURIED MANHOLE**

Department:	Engineering	MP Project #:	SS MP #15			
Category:	Capital Improvement	Navigator Job#				
Total Project Cost:	\$4,259					
Ranki	ng Criteria Met	Project Type	Priority			
☐ Council Goals	Regulatory Requirement	Maintenance	☐ High ☐ Medium ☒ Low			
Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety ☐ Upgrade Serviceability		☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						
This project includes uncovering a sanitary sewer manhole located within SW Forest avenue, determining the condition, and						

making repairs as needed to re-establish structural condition and flow capacity. This is a long term project goal.

Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$4,259							

### SW HANDLEY STREET - SANITARY SEWER MANHOLE MAINTENANCE

Department:	Engineering	MP Project #:	SS MP #16			
Category:	Maintenance	Navigator Job#				
Total Project Cost:	\$5,574					
Rank	ing Criteria Met	Project Type	Priority			
☐ Council Goals	Regulatory Requirement		☐ High ☐ Medium ☒ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						
This project includes repair or replacement of sanitary sewer manhole due to condition deficiencies. This is a long term project goal (+20yr).						

Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source								
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %			
Previous									
FY18-19									
FY19-23									
Future	\$5,574								

CIP Projects Listing SS-13 April 12, 2018

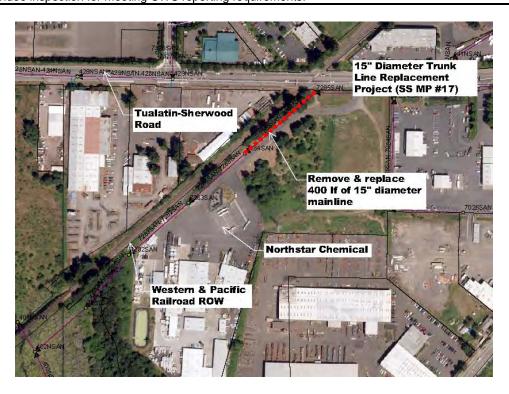
### 15" DIAMETER SANITARY SEWER TRUNK LINE REPLACEMENT

Department:	Engineering	MP Project #:	SS MP #17			
Category:	Capital Improvement	Navigator Job#				
Total Project Cost:	\$339,046					
Ranki	ng Criteria Met	Project Type	Priority			
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low			
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						
This project includes removing and replacing approximately 400 lf of 15" HDPE with 15" HDPE pipe, from Tualatin-						
Sherwood Road, paralleling Western & Pacific ROW, Replacement needed due to adverse pipe slope and future						

serviceability. This is a long term project goal.

Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$339,046							

**CIP Projects Listing** SS-14 April 12, 2018

### SW ORCUTT PLACE - SANITARY SEWER MAINLINE REPLACEMENT

Department:	Engineering	MP Project #:	SS MP #18		
Category:	Capital Improvement	Navigator Job#			
Total Project Cost:	\$80,587				
Ranki	ng Criteria Met	Project Type	Priority		
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☒ Low		
☐ Health & Safety	☑ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low		
	Projec	ct Description			
This project includes removing and replacing approximately 400 lf of existing 6" sanitary pipe with 8" PVC pipe, from Willamette St to end of cul-de-sac. Replacement needed due to pipe condition and future serviceability. This is a long term project goal.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled					



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$80,587							

CIP Projects Listing SS-15 April 12, 2018

### SW HIGHLAND DRIVE - SANITARY SEWER MAINLINE REPLACEMENT

Department:	Engineering	MP Project #:	SS MP #19					
Category:	Capital Improvement	Navigator Job#						
Total Project Cost:	\$140,000							
Ranki	ng Criteria Met	Project Type	Priority					
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
Master Plan	Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☒ Low					
☐ Health & Safety	☑ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low					
	Projec	ct Description						
This project includes removing and replacing approximately 600 lf of existing sanitary pipe with 8" PVC pipe, from SW Willamette St to end of existing limits. Replacement needed due to pipe condition and future serviceability. This is a long term project goal.								
	Ongoing Maintenance Description and Estimated Annual Cost							

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$140,000							

CIP Projects Listing SS-16 April 12, 2018

### SW GLENEAGLE DRIVE - SANITARY SEWER LINE REPLACEMENT

Department:	Engineering	MP Project #:	SS MP #20				
Category:	Capital Improvement	Navigator Job#					
Total Project Cost:	\$49,850						
Ran	king Criteria Met	Project Type	Priority				
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low				
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low				
Project Description							
This project includes removing and replacing approximately 100 If of 8" RCP with 10" PVC pipe. Replacement needed due to pipe condition and future serviceability. This is a long term project goal (+20 yr)							
Ongoing Maintenance Description and Estimated Annual Cost							
Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.							



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount Funding Source Funding Amount or % Funding Source Funding Amount or %					
Previous						
FY18-19						
FY19-23	\$49,850					
Future						

CIP Projects Listing SS-17 April 12, 2018

### SW PINE STREET SANITARY SEWER IMPROVEMENT

Department:	Engineering	MP Project #:	SS MP #21
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$277,849		COMPLETED

Rar	nking Criteria Met	Project Type	Priority			
☐ Council Goals ☐ Regulatory Requirement		☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	⊠ High ☐ Medium ☐ Low			
Project Description						
This project includes installing approximately 600 lf of 8" PVC pipe, from SW Sunset Blvd. to crest of SW Pine Street. Installation of pipe necessary to provide service to lots currently unserved, and underserved. This is a near term project.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.						



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$277,849		SS Improvement SDC Fund	100%		
FY18-19						
FY19-23						
Future						

CIP Projects Listing SS-18 April 12, 2018

### **OLD TOWN LATERAL REPLACEMENT**

Department:	Engineering	MP Project #:	SS MP #22			
Category:	Capital Improvement	Navigator Job#				
Total Project Cost:	\$771,053					
Ranking Criteria Met Project Type Priority						
☐ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low			
☐ Health & Safety	☐ Upgrade Serviceability ☐ New/Expansion ☐ High ☐ Medium					
Project Description						
This project includes removing and replacing sanitary sewer lateral mainlines that run mid-block through the Old Town district. Replacement needed due to pipe condition and future serviceability. This is a long term project goal.						
Ongoing Maintenance Description and Estimated Annual Cost						

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount Funding Source Funding Funding Source Funding Funding Source Amount or %					
Previous						
FY18-19						
FY19-23	\$192,000					
Future	\$579,053					

CIP Projects Listing SS-19 April 12, 2018

### **SANITARY SEWER MASTER PLAN UPDATE**

Department:	Engineering	MP Project #:	SS MP #25	
Category:	Capital Improvement	Navigator Job#		
Total Project Cost:	\$250,035			
Rank	ing Criteria Met	Project Type	Priority	
□ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
☐ Health & Safety	☐ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low	
Project Description				
The Sanitary Sewer Master Plan is scheduled to be updated in a 5-year standard cycle. The update will take into account system performance over time, system expansion, and system conditions along with any new regulation requirements. This is a mid-term project.				
	Ongoing Maintenance Desc	cription and Estimated	Annual Cost	

	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23	\$250,035		SS Improvement SDC Fund	47.3%	Rates	52.7%
Future						

There is no anticipated annual maintenance costs associated with the Master Plan update.

CIP Projects Listing SS-20 April 12, 2018

### **ROCK CREEK TRUNK LINE REPLACEMENT PROJECT**

Department:	Engineering	MP Project #:	SS MP CWS-1
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$2,429,973		COMPLETED

Ranking Criteria Met		Project Type	Priority		
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low		
	Project Description				
This project includes reconstructing the Rock Creek Trunk Line, changing the alignment and upsizing the pipe from the northern City limits to the Sherwood Sanitary Sewer Pump Station. Project will be funded, designed and constructed by CWS.					
Ongoing Maintenance Description and Estimated Annual Cost					
CWS will have long term maintenance responsibility for the trunk line. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.					



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$2,429,973		CWS SS Improvement SDC Funds	100%		
FY18-19						
FY19-23						
Future						

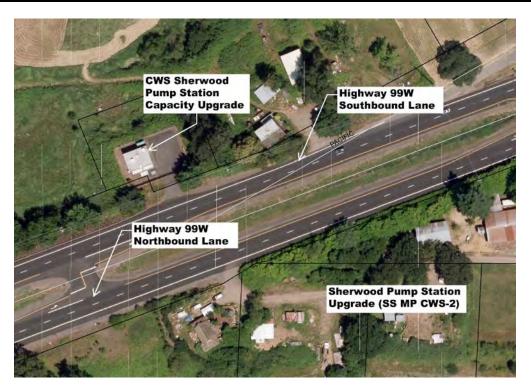
CIP Projects Listing SS-21 April 12, 2018

### **SHERWOOD PUMP STATION**

Department:	Engineering	MP Project #:	SS MP #CWS-2
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	TBD		
Ranking Criteria Met		Project Type	Priority

,				
Ranking Criteria Met		Project Type	Priority	
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
☐ Health & Safety	☑ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low	
Project Description				
This project includes increasing the capacity of the pump station's existing equipment to handle the increase in flow from future City development areas (Tonquin Employment Area, Brookman Area, Sherwood West Area). This project will be funded, designed and constructed by CWS. Timing of the development will be based on development demand.				
Ongoing Maintenance Description and Estimated Annual Cost				
CWS would have long	CWS would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning			

and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous						
FY18-19						
FY19-23						
Future	TBD	CWS SS Improvement SDC Fu	und 100%			

#### **UPPER TUALATIN INTERCEPTOR IMPROVEMENT PROJECT**

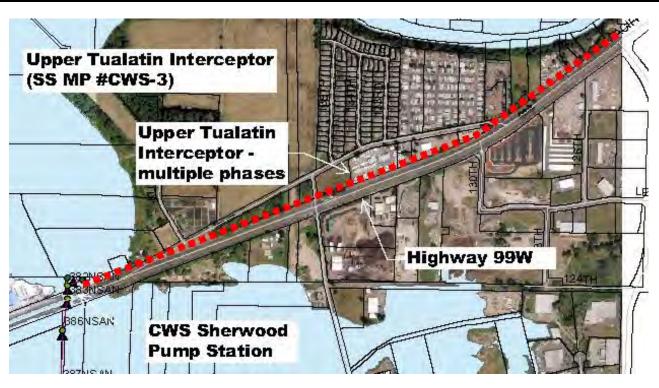
Department:	Engineering	MP Project #:	SS MP #CWS-3
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	TBD		
Rankii	ng Criteria Met	Project Type	Priority
☐ Council Goals [	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low

Ranking Criteria Met		Project Type	Priority	
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■	☐ High   ☐ Medium   ☐ Low	
Project Description				
This project includes installation of new interceptor pipe from the Sherwood Pump Station to the Upper Tualatin Interceptor				

trunk line. Project will be funded, designed and constructed by CWS. Timing of project is based on future City development projects, and system capacity.

#### Ongoing Maintenance Description and Estimated Annual Cost

CWS will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous						
FY18-19						
FY19-23						
Future	TBD	CWS SS Improvement SDC Fund	100%			

#### SHERWOOD TRUNK LINE UPSIZING PROJECT

Department:	Engineering	MP Project #:	SS MP #CWS-4
Category:	Capital Improvement	Navigator Job#	
Total Project Cost:	\$7,130,000		

Ra	nking Criteria Met	Project Type	Priority			
☐ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High    Medium    Low			
	Project Description					
This project includes upsizing the existing 24" trunk to a 27" trunk line. Project will be funded, designed, and constructed by CWS. Project timeline is based on existing system capacity and condition, relative to future City development areas.						
Ongoing Maintenance Description and Estimated Annual Cost						
CWS will have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.						



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19						
FY19-23						
Future	\$7,130,000		CWS SS Improvement SDC Fund	100%		

CIP Projects Listing SS-24 April 12, 2018

#### **BROOKMAN SANITARY TRUNK LINE EXTENSION**

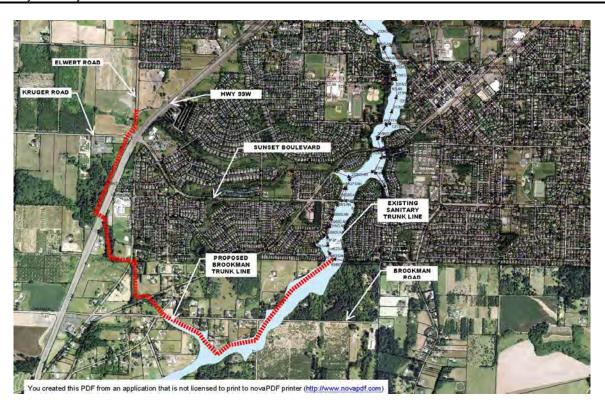
project SS MP#3 listing.

Department:	Engineering	MP Project #:	CWS-1
Category:	Capital Project-Sanitary	Navigator Job#	n/a
Total Project Cost:	\$7,649,122		Redefines Project SS MP#3

Rar	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	⊠ High ☐ Medium ☐ Low		
Project Description					
This project extends a public sanitary conveyance system mainline through the Brookman Area annexed property, west and north to serve the Sherwood West annexation property. This mainline extension will provide service for the future growth of both annexed areas. Funding will primarily come from CWS sanitary sewer SDC funds and from private development expansion within the area in the form of a CWS reimbursement district overlay payments. Project redefines and replaces					

Ongoing Maintenance Description and Estimated Annual Cost

Public Works maintenance will consist mostly of inspection of the conveyance system on a bi-weekly basis and cleaning once every 5 to 10 years.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous	\$18,540		City Sanitary SDC Funds	100%			
FY18-19	\$37,237		City Sanitary SDC Funds	100%			
FY19-23	\$7,611,885		CWS Sanitary SDC Funds	100%			
Future							

### SUNSET BOULEVARD/PINE STREET SANITARY SEWER EXTENSION

Department:	Engineering	MP Project #:	SS MP #21
Category:	Capital Project-Sanitary	Navigator Job#	
Total Project Cost:	\$252,800		COMPLETED

Rai	nking Criteria Met	Project Type	Priority			
☐ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	⊠ High ☐ Medium ☐ Low			
	Project Description					
The project extends the existing sanitary sewer mainline within Sunset Boulevard, east 130 feet to serve several properties which currently rely on septic tanks. As these properties septic systems fail, access to the public sanitary sewer will allow connection of service laterals from the properties. Funding for this project will come from sanitary SDC's.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include regular maintenance of						



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$278,000					
FY18-19						
FY19-20						
Future						

### **EXISTING WRWTP UPGRADES**

Department:	Public Works	MP Project #:	WRWTP-1
Category:	Water Supply	Navigator Job#	
Total Project Cost:	\$1,000,000		

Rai	nking Criteria Met	Project Type	Priority					
□ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low					
	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	⊠ High ☐ Medium ☐ Low					
	Project Description							
This project consists of two improvement projects at the plant related to surge mitigation and disinfectant contact time in order to deliver the current 15 mgd capacity.								
Ongoing Maintenance Description and Estimated Annual Cost								
Maintenance is the re	sponsibility of the City of Wilsonville.	No increase in costs e	Maintenance is the responsibility of the City of Wilsonville. No increase in costs expected.					



	% of Project Budget Assigned to Funding Source					
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$190,000					
FY18-19	\$507,514					
FY19-23						
Future	\$302,486		(Undefined)			

#### WRWTP PURCHASE 5 MGD INTAKE CAPACITY

long-term supply needs.

Department:	Public Works	MP Project #:	WRWTP-2		
Category:	Water Supply	Navigator Job#			
Total Project Cost:	\$806,000				
Ranki	ng Criteria Met	Project Type	Priority		
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety ☐ Upgrade Serviceability			⊠ High ☐ Medium ☐ Low		
Project Description					

This project consists of the purchase of 5 mgd of additional capacity in the WRWTP's oversized intake facilities to meet Ongoing Maintenance Description and Estimated Annual Cost

Maintenance is the responsibility of the City of Wilsonville. No increase in costs expected.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19	\$806,000						
FY19-23							
Future							

### WRWTP TREATMENT EXPANSION - SHERWOOD 5 MGD SHARE

Department:	Public Works	MP Project #:	WRWTP-3
Category:	Water Supply	Navigator Job#	
Total Project Cost:	\$12,145,888		

			ı			
Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	□ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	□ Upgrade Serviceability		☐ High ☐ Medium ☐ Low			
Project Description						
This project pursues expansion of the WRWTP treatment facilities to secure a total capacity of 10 mgd from the plant. Current facility without upgrades can only reach 15 mgd. This will be needed to meet the City of Sherwood's, Wilsonville's and other future partners' demands.						
Ongoing Maintenance Description and Estimated Annual Cost						
Maintenance would be the responsibility of the City of Wilsonville. It is anticipated that by adding infrastructure maintenance costs would increase. Costs are unknown at this time						

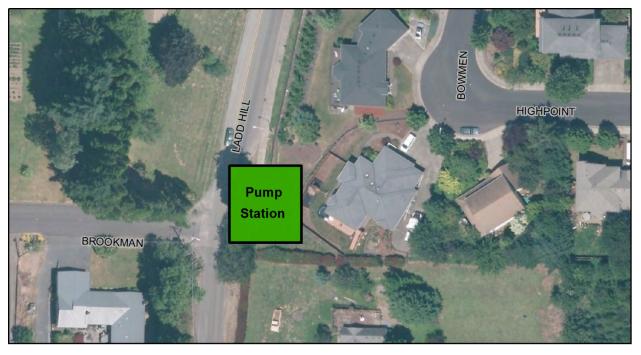


% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$62,593					
FY18-19	\$704,986					
FY19-23	\$11,378,309					
Future						

### PROPOSED 1,600 GPM LADD HILL PUMP STATION

Department:	Public Works	MP Project #:	WTR-P1
Category:	Pump Station	Navigator Job#	
Total Project Cost:	\$477,000		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low		
Project Description					
This project constructs a new pump station to serve future customers along Ladd Hill Road in the proposed 400 Brookman Zone.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements					

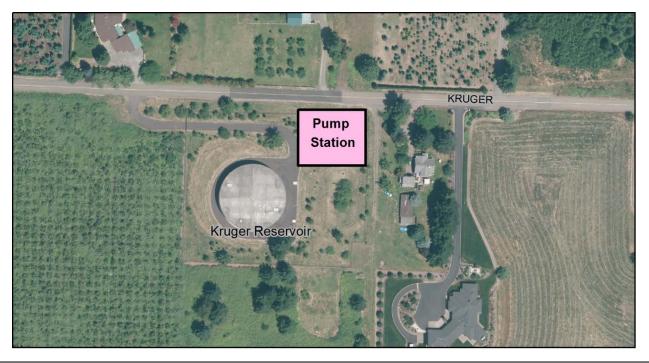


% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$477,000		(Undefined)				

### PROPOSED 2,400 GPM KRUGER PUMP STATION

Department:	Public Works	MP Project #:	WTR-P2
Category:	Pump Station	Navigator Job#	
Total Project Cost:	\$2,547,000		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low		
Project Description					
This project constructs a new pump station in the same location as the existing reservoir in order to boost water from the reservoir to provide customers with constant pressure service at an HGL of approximately 630 ft.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					

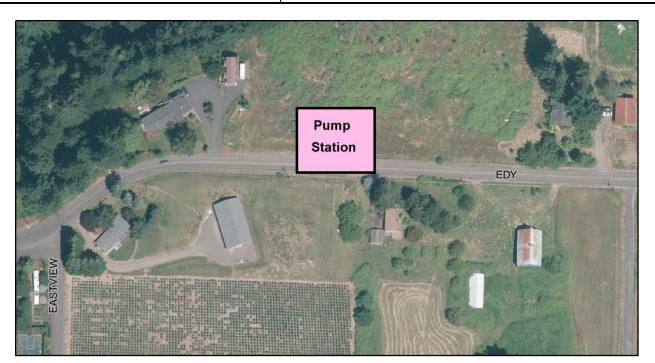


	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$2,547,000		(Undefined)				

### PROPOSED 1,600 GPM EDY ROAD PUMP STATION

Department:	Public Works	MP Project #:	WTR-P3
Category:	Pump Station	Navigator Job#	
Total Project Cost:	\$1,505,000		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
Project Description					
This project constructs a new pump station to serve future high-elevation customers along Edy Road near the western boundary of the West Urban Reserve in the proposed 475 West Zone.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$1,505,000		(Undefined)					

### FIRE FLOW CAPACITY - MARJORIE STEWART COMMUNITY/SENIOR CENTER

Department:	Public Works	MP Project #:	M-1
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$36,000		COMPLETED

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☒ Low			
	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
	Projec	ct Description				
Boulevard) from Sher	This project will upgrade from an existing 6-inch to 8" line to serve the Sherwood Senior Center (21907 Sherwood Boulevard) from Sherwood Boulevard. The current sized pipeline does not support the necessary fire flow requirement for the land use/occupancy type.					
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works maintenance for the upgrade to include leak detection, hydrant and valve maintenance. Existing facilities are						

to be maintained the same. No increase in costs anticipated for ongoing maintenance. .



% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous	\$36,000		Water Utility	100%			
FY18-19							
FY19-23							
Future							

### FIRE FLOW CAPACITY - NORTON AVENUE

Department:	Public Works	MP Project #:	M-2
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$141,500		

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☒ Low			
	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
	Projec	ct Description				
This project will upgrade 6-inch main along Norton Street from Willamette Street south to fire hydrant at Forest Avenue to an 8" water mainline. The current sized pipeline does not support the necessary fire flow requirement for the land use/occupancy type.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works mainten	Public Works maintenance for the upgrade to include leak detection, bydrant and valve maintenance. Existing facilities are					

Public Works maintenance for the upgrade to include leak detection, hydrant and valve maintenance. Existing facilities are to be maintained the same. No increase in costs anticipated for ongoing maintenance.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19	\$141,500		Water SDC	100%				
FY19-23								
Future								

### FIRE FLOW CAPACITY – JUNE COURT

Department:	Public Works	MP Project #:	M-60
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$43,000		COMPLETED

Ra	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement		☐ High     Medium   ☐ Low				
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High    Medium    Low				
			☐ High ☐ Medium ☐ Low				
Project Description							
This project will upgrade 300 feet of 2-inch galvanized main with an addition of a fire hydrant on June Court from Cochran Avenue to end of cul-de-sac.							
Ongoing Maintenance Description and Estimated Annual Cost							
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.							



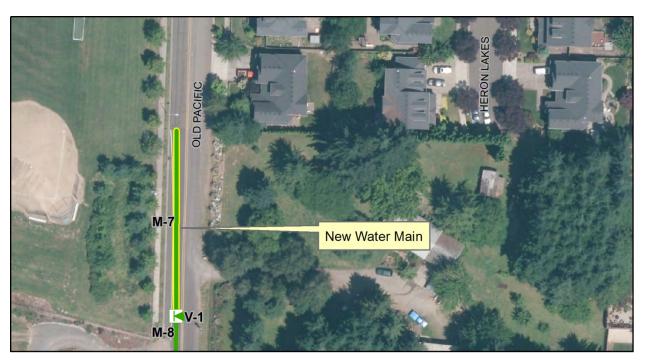
	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$43,000		Water SDC	100%				
FY18-19								
FY19-23								
Future								

#### EXPANSION TO BROOKMAN - LOOP FROM PROP SW SHERWOOD PRV TO HWY 99W

Department:	Public Works	MP Project #:	M-7				
Category:	Water Main	Navigator Job#					
Total Project Cost:	\$68,000						
Ranki	ng Criteria Met	Project Type	Priority				
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	☑ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low				
Project Description							
This project will install new main along Old Hwy 99W from existing dead end south of Crooked River Lane to proposed							

Southwest Sherwood PRV (V-1). Projects to be phased as development proceeds. Funding by private development. Ongoing Maintenance Description and Estimated Annual Cost

Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19	\$68,000		Water SDC	100%				
FY19-23								
Future								

#### EXPANSION TO BROOKMAN - LOOP FROM PROP SW SHERWOOD PRV TO HWY 99W

Department:	Public Works	MP Project #:	M-8			
Category:	Water Main	Navigator Job#				
Total Project Cost:	\$204,000					
Rank	ing Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low			
Project Description						
This project will install new main along Old Hwy 99W from proposed Southwest Sherwood PRV (V-1) across Goose Creek.						
Projects to be phased as development proceeds. Supports development of future Brookman area. Funding by private						
development.						

Ongoing Maintenance Description and Estimated Annual Cost

Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.

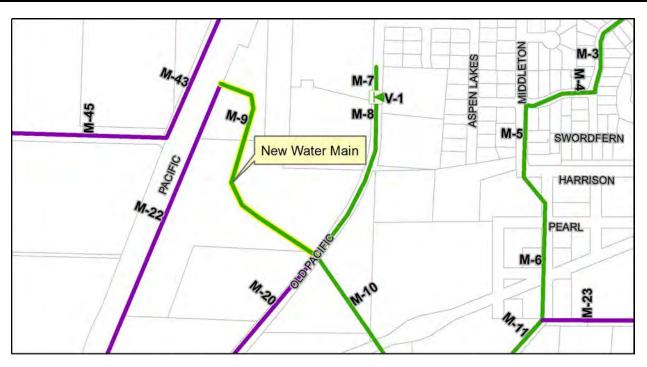


% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY18-19	\$204,000		Water SDC	100%		
FY19-23						
Future						

### EXPANSION TO BROOKMAN - LOOP FROM PROP SW SHERWOOD PRV TO HWY 99W

Department:	Public Works	MP Project #:	M-9
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$239,000		

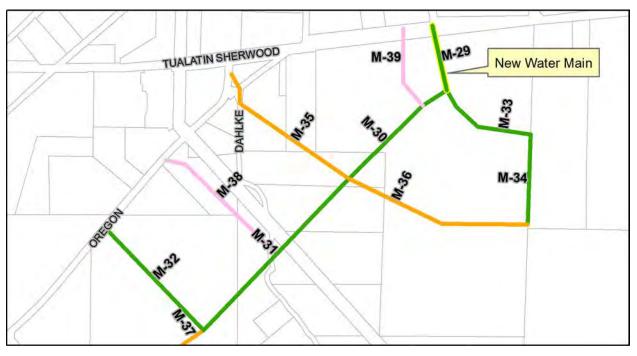
Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	Council Goals Regulatory Requirement		☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
Project Description					
This project will install new main along proposed Goose Creek arterial from Old Hwy 99W northwest to Hwy 99W. Projects to be phased as development proceeds. Supports development of future Brookman area. Funding by private development.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19	\$239,000		Water SDC	100%			
FY19-23							
Future							

Department:	Public Works	MP Project #:	M-29
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$154,000		

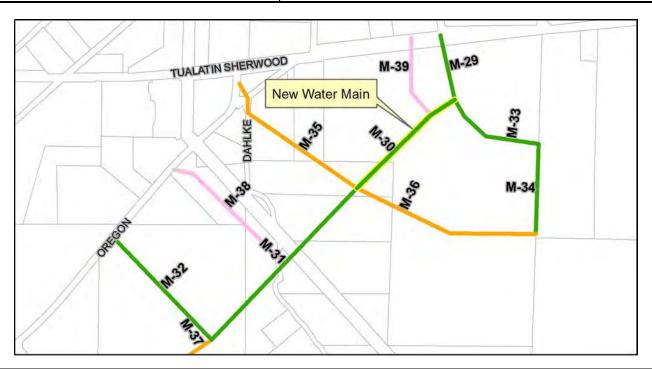
Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low			
Project Description						
This project will extend Cipole Road main south from Tualatin Sherwood Road to proposed TEA water main backbone. Projects to be phased as development proceeds. Supports development of future Tonquin Employment area. Funding by private development.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased						



% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19	\$154,000		Water SDC	100%			
FY19-23							
Future							

Department:	Public Works	MP Project #:	M-30
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$264,000		

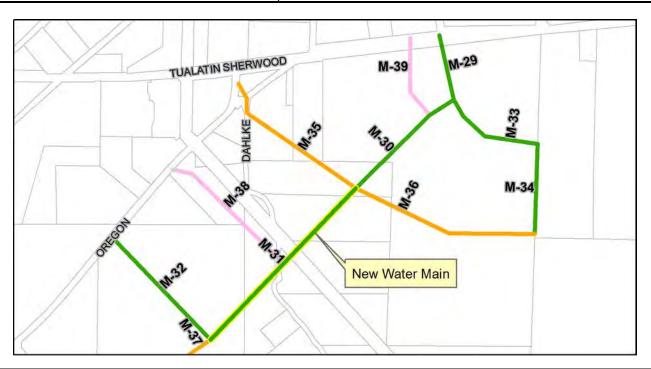
Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
Project Description					
This project will install new main to form TEA water main backbone running northeast to southwest across TEA parallel to Oregon Street. Supports development of future Tonquin Employment area. Funding by private development.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$264,000		Water SDC	100%			
Future							

Department:	Public Works	MP Project #:	M-31
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$438,000		

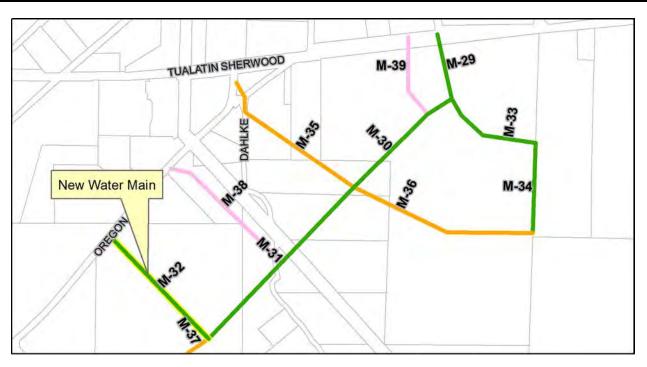
Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
Project Description					
This project will install new main to form TEA water main backbone running northeast to southwest across TEA parallel to Oregon Street. Supports development of future Tonquin Employment area. Funding by private development.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$438,000		Water SDC	100%			
Future							

Department:	Public Works	MP Project #:	M-32
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$267,000		

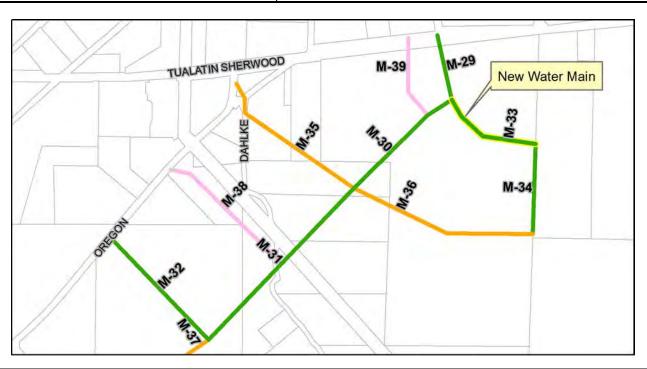
Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	Council Goals Regulatory Requirement		☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
Project Description					
This project will install new main across 21600 Oregon Street property to TEA water main backbone. Supports development of future Tonquin Employment area. Funding by private development.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$267,000		Water SDC	100%			
Future							

Department:	Public Works	MP Project #:	M-33
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$162,000		

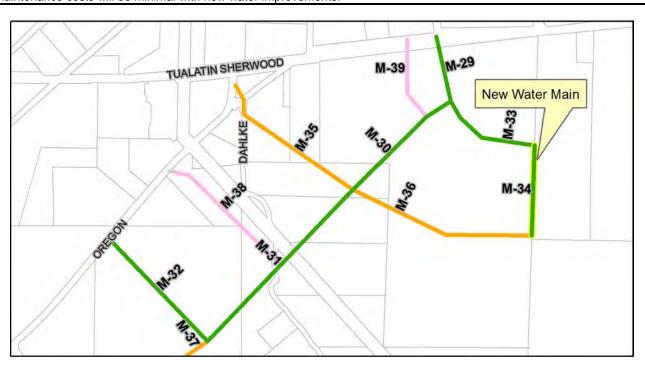
Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
Project Description					
This project will extend proposed Cipole Road main (M-29) southeast to proposed 124th Avenue roadway extension south of Tualatin Sherwood Road. Supports development of future Tonquin Employment area. Funding by private development.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$162,000		Water SDC	100%			
Future							

Department:	Public Works	MP Project #:	M-34
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$178,000		

,	. ,				
Ra	inking Criteria Met	Project Type	Priority		
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low		
Project Description					
This project will install new main along proposed 124th Avenue roadway extension south of Tualatin-Sherwood Road continuing south to proposed collector road running west to east across TEA. Supports development of future Tonquin Employment area. Funding by private development.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23	\$178,000		Water SDC	100%			
Future							

### 10-YEAR (2028) PROJECTS – UPGRADE EXISTING WATER MAINS

Department:	Public Works	MP Project #:	M-3, 4 & 5
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$300,000		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	Outside Funding/Partnership	□ Replacement	☐ High ☐ Medium ☒ Low			
	□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low			
Project Description						
This project will upgrade water mainlines along Sanders Terrace, Maidenfern Land and Middleton Road to transfer services from 455 to 380 Zone for fire flow to Brookman Expansion. Size increase is needed to support growth, fire flow requirements. Projects to be phased as development proceeds. Funding by private development.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.						

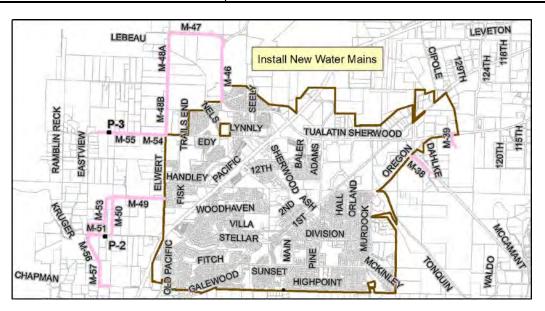


	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$300,000		(Undefined)				

### 10-YEAR (2028) PROJECTS - CONSTRUCT WATER MAINS FOR FUTURE EXPANSION

Department:	Public Works	MP Project #:	M-6, 10 to 19B, 35 to 37, 40 to 42
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$5,275,000		

Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
Project Description					
This project includes installation of mains in various locations to connect to the Brookman Expansion 380 Zone (M-6, 10 to 19B), to the TEA Expansion 380 Zone (M-35 to 37) and to the West Expansion 380 Zone (M-40 to 42).					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					

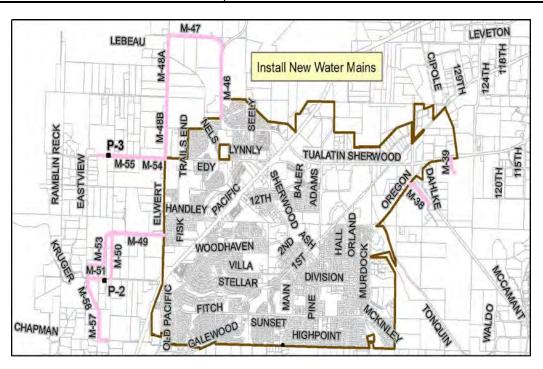


	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$5,275,000		(Undefined)				

### 20-YEAR (2038) PROJECTS - CONSTRUCT WATER MAINS FOR FUTURE EXPANSION

Department:	Public Works	MP Project #:	M-20 to 28, 43 to 45
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$3,295,000		

Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability		☐ High ☐ Medium ☒ Low		
Project Description					
This project includes installation of mains in various locations to connect to the Brookman Expansion 380 Zone and 400 Zone (M-20 to 28) and to the West Expansion 455 Zone (M-43 to 45).					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					

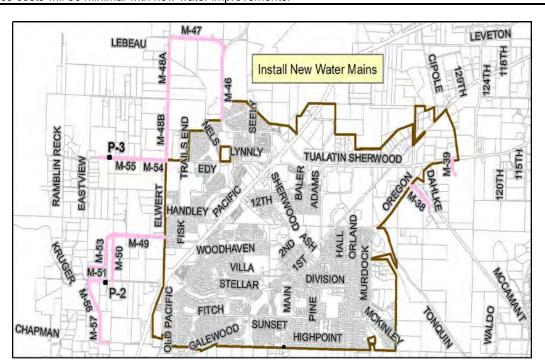


	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$3,295,000		(Undefined)				

### BEYOND 20-YEAR PROJECTS - CONSTRUCT WATER MAINS FOR FUTURE EXPANSION

Department:	Public Works	MP Project #:	M-38,39, 40 To 59
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$7,183,000		

Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
Project Description					
This project includes installation of mains in various locations to connect to the TEA Expansion 380 Zone (M-38, 39) and to the West Expansion 380, 455 and 630 Zones (M-46 to 59).					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$7,183,000		(Undefined)				

#### **ROUTINE WATERLINE PIPE REPLACEMENT PROGRAM**

Department:	Public Works	MP Project #:	WTR-(X)
Category:	Water Main	Navigator Job#	
Total Project Cost:	\$50,000 Annually		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	□ Replacement	☐ High    Medium    Low			
	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						

This project includes replacement of pipes based on a 100-year life cycle adopting the following prioritization:

- 1. Known pipe capacity and condition issues.
- 2. Pipe material based on City record of pipe material and era of manufacture; Highest priorities are galvanized pipe and post-1950 cast iron.
- 3. Pipe age coordinate replacement of pipes 50 years or older with other City utilities and transportation (City, County or State) projects.

#### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance programs to include uni-directional flushing, valve maintenance, leak detection, hydrant maintenance and more.

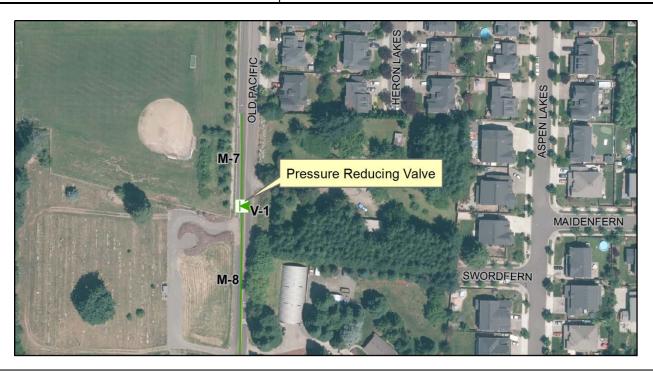


% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$50,000		Water Utility	100%		
FY18-19	\$50,000		Water Utility	100%		
FY19-23	\$200,000		Water Utility	100%		
Future	\$50,000		Water Utility	100%		

### **SW SHERWOOD PRV INSTALLATION**

Department:	Public Works	MP Project #:	WTR-V-1
Category:	PRV	Navigator Job#	
Total Project Cost:	\$150,000		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
Project Description					
This project will install a pressure reducing valve to provide an emergency connection between the existing 455 Zone distribution mains and future 380 Zone mains on Old Highway 99W at the Brookman Annexation Boundary.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19	\$150,000		Water SDC	100%			
FY19-23							
Future							

### **HANDLEY PRV INSTALLATION**

Department:	Public Works	MP Project #:	WTR-V-2
Category:	PRV	Navigator Job#	
Total Project Cost:	\$150,000		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low			
Project Description						
This project will install a pressure reducing valve to provide an emergency connection between the existing 455 Zone distribution mains and future 380 Zone mains on Elwert Road at Handley Street.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased maintenance costs will be minimal with new water improvements.						



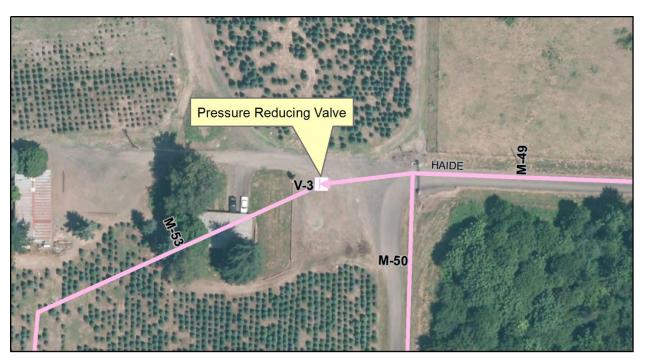
	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$150,000		(Undefined)				

### HAIDE PRV INSTALLATION

Department:	Public Works	MP Project #:	WTR-V-3
Category:	PRV	Navigator Job#	
Total Project Cost:	\$150,000		

Rai	nking Criteria Met	Project Type	Priority		
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	☐ High ☐ Medium ☒ Low		
Project Description					
This project will install a pressure-reducing valve to provide an emergency connection between the future 630 West Pressure Zone and 455 Zone future expansion in the West Urban Reserve.					
Ongoing Maintenance Description and Estimated Annual Cost					
Public Works maintenance for the improvements to include leak detection, hydrant and valve maintenance. Increased					

maintenance costs will be minimal with new water improvements.

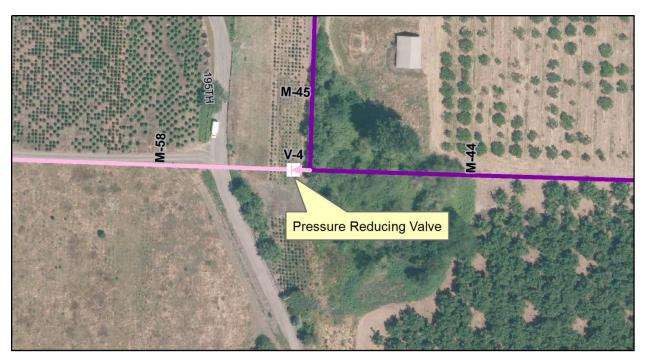


	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19							
FY19-23							
Future	\$150,000		(Undefined)				

### 195<sup>™</sup> PRV INSTALLATION

Department:	Public Works	MP Project #:	WTR-V-4
Category:	PRV	Navigator Job#	
Total Project Cost:	\$150,000		

Rai	nking Criteria Met	Project Type	Priority				
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety	□ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     New/Expansion	☐ High ☐ Medium ☒ Low				
Project Description							
This project will install a pressure-reducing valve to provide an emergency connection between the future 630 West Pressure Zone and 455 Zone future expansion in the West Urban Reserve.							
Ongoing Maintenance Description and Estimated Annual Cost							
	nance for the improvements to include	· -	t and valve maintenance. Increased				

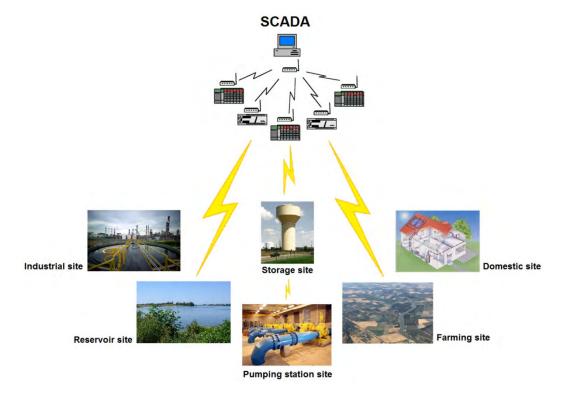


	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount	S   Flinding Source   S   Flinding Source						
Previous								
FY18-19								
FY19-23								
Future	\$150,000		(Undefined)					

### **UPGRADE SCADA SYSTEM**

Department:	Public Works	MP Project #:	WTR-(X)
Category:	Other	Navigator Job#	
Total Project Cost:	\$98,650		

Ra	nking Criteria Met	Project Type	Priority					
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low					
	☐ Outside Funding/Partnership	Replacement	⊠ High ☐ Medium ☐ Low					
☐ Health & Safety	□ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low					
Project Description								
This project will upgrade the existing system, which is over 13 years old, to increase reliability and to replace the collective appurtenances.								
Ongoing Maintenance Description and Estimated Annual Cost								
Public Works would have long-term maintenance of the new facility. No additional maintenance demands.								

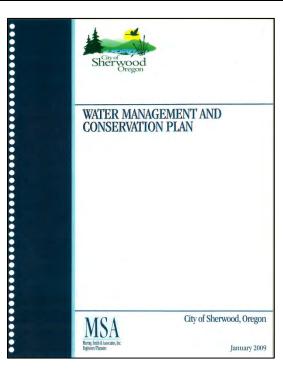


% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19	\$98,650		Water SDC	35%	Rates	65%	
FY19-23							
Future							

### **UPGRADE WATER MANAGEMENT AND CONSERVATION PLAN**

Department:	Public Works	MP Project #:	WTR-(X)
Category:	Planning	Navigator Job#	
Total Project Cost:	\$75,000		

•								
Ra	nking Criteria Met	Project Type	Priority					
□ Council Goals	□ Regulatory Requirement		⊠ High ☐ Medium ☐ Low					
	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low					
☐ Health & Safety	☐ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low					
Project Description								
This project includes compliance with Oregon Water Resources Department (OWRD) requirements for groundwater permit holders. The City is required to complete an update of their Water Management and Conservation Plan (WMCP) every 10 years.								
Ongoing Maintenance Description and Estimated Annual Cost								
Various components of plan will impact staff resources for repairing, leak detection programs, etc. It is not known if new plan will be more or less restrictive.								



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$50,000		Water SDC	66%				
FY18-19	\$25,000		Water SDC	33%				
FY19-23								
Future								

### **WATER LIFE SAFETY & SEISMIC UPGRADES**

Department:	Public Works	MP Project #:	WTR-(X)
Category:	Planning	Navigator Job#	
Total Project Cost:	\$502,331		

Ra	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement		⊠ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	☐ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
	Project Description					
	This project includes updating the existing Water System Vulnerability Assessment within the next 10 years to identify any additional security measures or operational procedures which may be needed to protect water facilities.					
Ongoing Maintenance Description and Estimated Annual Cost						
Update of the Vulnerability Assessment could identify additional maintenance needs and recommend system improvements. Annual costs are unknown at this time and will be identified upon plan completion.						

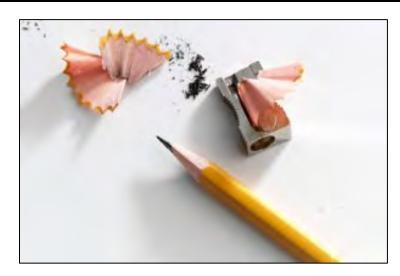


	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous	\$82,000		Water SDC	16%			
FY18-19	\$213,018		Water SDC	42%			
FY19-23	\$207,313		Water SDC	41%			
Future							

### **UPGRADE RESILIENCY PLAN**

Department:	Public Works	MP Project #:	WTR-(X)
Category:	Planning	Navigator Job#	
Total Project Cost:	\$150,000		

Ra	nking Criteria Met	Project Type	Priority		
□ Council Goals	□ Regulatory Requirement		⊠ High ☐ Medium ☐ Low		
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
	☐ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low		
Project Description					
This project includes addressing the need for a local water system resilience plan to achieve the seismic response and recovery goals for Willamette Valley water utilities presented in the Oregon Resilience Plan.					
Ongoing Maintenance Description and Estimated Annual Cost					
The Resiliency Plan would identify additional maintenance needs and recommend system improvements. Annual costs are unknown at this time and will be identified upon plan completion.					



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous							
FY18-19	\$182,201		Water Utility	65%	Water SDC	35%	
FY19-23							
Future							

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### SHERWOOD DOG PARK - NORTH OF HWY 99W (DESIGN)

Department:	Public Works	MP Project #:	Parks #1			
Category:	Capital Project- Parks	Navigator Job#				
Total Project Cost:	\$105,000					
Ranki	ng Criteria Met	Project Type	Priority			
□ Council Goals     □	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
Project Description						

This project includes purchase of property, design and construction of a public dog park located north of Hwy 99W.

Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items would include regularly scheduled cleaning and video inspections for meeting CWS reporting requirements

#### % of Project Budget Assigned to Funding Source



Fiscal Year	Funding Amount	Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$5,000				
FY18-19	\$100,000	Parks Imp SDC Fund	100%		
FY19-23					
Future					

CIP Projects Listing PK-1 April 12, 2018

### SHERWOOD SKATE PARK (DESIGN & CONSTRUCTION)

Department:	Engineering	MP Project #:	Parks #2		
Category:	Capital Project- Parks	Navigator Job#			
Total Project Cost:	\$580,000				
Ranki	ng Criteria Met	Project Type	Priority		
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low		
☐ Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low		
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■	⊠ High ☐ Medium ☐ Low		
Project Description					

This project includes design and construction of a skate park located at the City's recreation facility site at the corner of Sunset Boulevard and Hwy 99W. Project is being funded from Parks Improvement SDC funds. Construction anticipated to occur in the next fiscal year (FY 18/19).

### Ongoing Maintenance Description and Estimated Annual Cost

Public Works would have long-term maintenance of the new facility. Maintenance items will include regularly scheduled cleaning and video inspection for meeting CWS reporting requirements.



	% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous	\$18,957		Parks Imp SDC Fund	100%			
FY18-19	\$561,043		Parks Imp SDC Fund	100%			
FY19-23							
Future							

CIP Projects Listing PK-2 April 12, 2018

### **CANNERY SQUARE RESTROOM INSTALLATION**

Department:	Public Works	MP Project #:	Parks #3
Category:	Capital Project- Parks	Navigator Job#	
Total Project Cost:	\$130,000		COMPLETED

Rar	nking Criteria Met	Project Type	Priority	
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low	
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low	
	☐ Upgrade Serviceability	New/Expansion     ■	⊠ High ☐ Medium ☐ Low	
	Projec	ct Description		
This project includes constructing permanent restroom facilities for the Cannery Square site. Anticipate using pre-fabricated restroom facility.				
Ongoing Maintenance Description and Estimated Annual Cost				
Public Works would have long-term maintenance of the new facility. Maintenance items would include daily/weekly cleaning				
of the facility to mainta	ain health standards, and facility mair	ntenance on a monthly	basis to maintain facility integrity.	



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$130,000		Parks Imp SDC Fund	100%				
FY18-19								
FY19-23								
Future								

CIP Projects Listing PK-3 April 12, 2018

### **WOODHAVEN PARK PHASE 2 CONSTRUCTION**

Department:	Engineering	MP Project #:	Parks #4
Category:	Capital Project-Parks	Navigator Job#	
Total Project Cost:	\$799,142		COMPLETED
<u> </u>	l		

Total Trojoct Coct.	Ψ7 00,1 12		OOMII EETED			
Rank	king Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■	⊠ High ☐ Medium ☐ Low			
Project Description						
This project provides the construction for upgrades and expands the park facilities at the Woodhaven Park, located off Sunset Boulevard. Facilities include walking trail, parking lot, restroom facility, sports fields, playground equipment, and landscaping.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would have long-term maintenance of the new facility. Maintenance items will include landscaping care, facility care, and restroom maintenance.						



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous	\$799,142		Parks Improvements SDC					
FY18-19								
FY19-23								
Future								

CIP Projects Listing PK-4 April 12, 2018

#### SHERWOOD PARKS MASTER PLAN UPDATE Department: MP Project #: Parks #5 Engineering Category: Capital Project-Parks Navigator Job# Total Project Cost: \$175,000 Ranking Criteria Met **Project Type** Priority ☐ Regulatory Requirement ☐ Maintenance ☐ High ☐ Medium Low Master Plan ☐ Outside Funding/Partnership ☐ Replacement ☐ High ☐ Medium □ Low ☐ Health & Safety ☐ Upgrade Serviceability ☐ Medium ☐ Low **Project Description** This project develops a Parks Master Plan. A Parks Master Plan is needed to define goals, projects, and budget information. Project would be paid for out of Parks SDC funds. Schedule for this project has not been established but would be considered to be a near-term project. Ongoing Maintenance Description and Estimated Annual Cost Public Works maintenance requirements created from the projects developed from the Master Plan would be defined as part of the Master Plan work effort. % of Project Budget Assigned to Funding Source Fiscal Funding Funding Funding **Funding Source Funding Source** Amount or % Amount Amount or % Year Previous FY18-19 \$175,000 Parks Imp SDC Funds 100% FY19-23

Future

CIP Projects Listing PK-5 April 12, 2018

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CIP Projects Listing April 12, 2018

### **DOWNTOWN PARKING LOT PAVING**

Department:	URA	MP Project #:	URA-1
Category:	Capital Project-Infrastructure	Navigator Job#	
Total Project Cost:	\$185,010		COMPLETED

Rai	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability	New/Expansion     ■     New/Expansion     New/Expansion     New/Expansion     ■     New/Expansion     Nex	⊠ High ☐ Medium ☐ Low			
Project Description						
This project utilizes vacant City property located on 1 <sup>st</sup> Street between Pine and Oak Streets and constructs a public parking lot. Project will include land-use application.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works would h	ave long-term maintenance of the ne	w facility. Maintenance	e items will include general maintenance of			

plantings and pavement surface and markings. Leaf pickup on an annual basis is also expected.



% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %	
Previous	\$ 396,040		URA Funds	100%			
FY18-19							
FY19-23							
Future							

**CIP Projects Listing** URA-1 April 12, 2018

### **OLD TOWN SIDEWALK IMPROVEMENTS**

Department:	URA	MP Project #:	URA-2				
Category:	Capital Project-Infrastructure	Navigator Job#					
Total Project Cost:	\$200,000						
Ranki	ng Criteria Met	Project Type	Priority				
□ Council Goals	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low				
☐ Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low				
☐ Health & Safety ☐ Upgrade Serviceability ☐ New/Expansion ☐ High ☐ Medium ☐ Low							
Project Description							
This project constructs sidewalks within Old Town limits where none exist currently.							

Ongoing Maintenance Description and Estimated Annual Cost

Property owners would have maintenance responsibilities for installed sidewalks per City Code requirements. Sidewalks that show signs of failure will fall under the City's Sidewalk Program.



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$200,000		URA Funds	100%				

CIP Projects Listing URA-2 April 12, 2018

### **OLD TOWN ALLEY PAVEMENT IMPROVEMENTS**

Department:	URA	MP Project #:	URA-3
Category:	Capital Project-Infrastructure	Navigator Job#	URA-3
Total Project Cost:	\$100,000		

	+/					
Rar	nking Criteria Met	Project Type	Priority			
		☐ Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		⊠ High ☐ Medium ☐ Low			
	Projec	ct Description				
This installs asphalt pavement within the public alleys within the Old Town limits. Project funding comes from URA capital funds. Any storm drainage issues would be resolved using stormwater SDC funds.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works will be responsible for the long term maintenance of the asphalt pavement and any installed stormwater systems.						



	% of Project Budget Assigned to Funding Source							
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %		
Previous								
FY18-19								
FY19-23								
Future	\$100,000		URA Funds	100%				

CIP Projects Listing URA-3 April 12, 2018

### **DOWNTOWN MONUMENT REMOVAL (CONSTRUCTION)**

Department:	Engineering	MP Project #:	URA-4
Category:	Capital Project-Transportation	Navigator Job#	
Total Project Cost:	\$250,000		COMPLETED

Rar	nking Criteria Met	Project Type	Priority			
□ Council Goals	☐ Regulatory Requirement	Maintenance	⊠ High ☐ Medium ☐ Low			
☐ Master Plan	☐ Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
	☐ Upgrade Serviceability	☐ New/Expansion	☐ High ☐ Medium ☐ Low			
Project Description						
This project includes removal of all the concrete pedestals at three intersections. Safety issues, citizen complaints and City						
Council directive warrant monument removal. Project removal plans and specifications occurred in previous FY15/16.  Project not included in TSP or previous FY CIP listing.						
Ongoing Maintenance Description and Estimated Annual Cost						
Removal of the monuments will eliminate the need for maintenance.						



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous	\$250,000		URA Funds	100%		
FY 18-19						
FY 19-23						
Future						

CIP Projects Listing URA-4 April 12, 2018

### SHERWOOD BOULEVARD PROPERTY SANITARY SEWER EXTENSION

Department:	URA	MP Project #:	URA-5			
Category:	Capital Project - Infrastructure	Navigator Job#				
Total Project Cost:	\$175,000					
Rank	ing Criteria Met	Project Type	Priority			
	Regulatory Requirement	☐ Maintenance	☐ High ☐ Medium ☐ Low			
☐ Master Plan	Outside Funding/Partnership	Replacement	☐ High ☐ Medium ☐ Low			
☐ Health & Safety	☐ Upgrade Serviceability		☐ High   ☐ Medium   ☐ Low			
Project Description						
This project includes constructing approximately 500 If of 8-inch public sanitary sewer line, extending from the existing sanitary trunk line within the vegetated corridor southwest of the site, up to the southern property boundary. The project is funded from URA maintenance funds.						
Ongoing Maintenance Description and Estimated Annual Cost						
Public Works will be responsible for the long-term maintenance of the system, Including regularly scheduled cleaning and video inspection to meet CWS reporting requirements.						



% of Project Budget Assigned to Funding Source						
Fiscal Year	Funding Amount		Funding Source	Funding Amount or %	Funding Source	Funding Amount or %
Previous						
FY 18-19						
FY 19-23	\$175,000		URA Funds	100%		
Future						

CIP Projects Listing URA-5 April 12, 2018

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CIP Projects Listing April 12, 2018