



YELM

WASHINGTON

2018 – 2024 Capital Improvement Plan

Yelm City Park Splash Pad & Play Area Concept Plan

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Project No.	Fund	CAPITAL IMPROVEMENT PROGRAM 2019 - 2024 BUDGET						
TRANSPORTATION								
Regional Projects		2018	2019	2020	2021	2022	2023	2024
		ALT SR510, Yelm Improvements	\$4,600,000					
		ALT SR510, Yelm Improvements		\$26,950,000	\$26,950,000			
Arterial Streets								
1	102	Yelm Avenue/1st Street (SR507) Corridor Study		\$63,000				
2	102	Inter-local Dynameq Model		\$5,000	\$5,000		\$5,000	
3	101/?	Bi Annual Traffic Counts - Synchro Model Update		\$10,000	\$10,000		\$10,000	
Street Preservation and Maintenance (Overlay Program)								
4	316	Pavement Management System (PMS) Program City Wide Evaluation			\$15,000		\$15,000	
5A	316	Annual Overlay Program	\$30,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
5B	316	Annual Pavement Preservation Program		\$130,000	\$125,000	\$130,000	\$125,000	\$120,000
6	400	Bald Hill Rd SE at Yelm Creek - City Limit to 5 Corners - Feasibility Study	\$20,000					
Street Projects								
7	316	SW Mosman Ave Phase 2 - Railroad to Longmire	\$12,916	\$593,961	\$1,206,350			
8	316	Mosman Ave E Phase 3 - 2nd St to Clark Road				\$75,125	\$271,656	\$1,050,000
9	316	Coates Ave NW - Killion to Cullens Road	\$1,710		\$80,890	\$170,545	\$997,201	\$997,201
10	316	Burnett/93rd Intersection - Realignment & Traffic Signal			\$150,000	\$150,000	\$150,000	\$850,000
11	316	Longmire/SR 510 Intersection - Traffic Signal						\$150,000
Non-Motorized Projects								
12A	316	ADA Compliance Annual Program	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
12B	316	Sidewalk Repair and Replacement Program		\$40,000	\$140,000			
13	316	Fort Stevens Elementary Pedestrian Improvements	\$85,929	\$708,700				
14	316	Mill Road SE Sidewalk & Pedestrian Crossing		\$67,000	\$485,500			
15	316	Cochrane Park Multiuse Path				\$75,000		
16	316	2nd Street SE Sidewalk			\$50,000	\$200,000		
17	316	Rail Trail - Power Canal to Roy					\$75,000	\$1,525,000
18	316	Small Works Projects Prioritized Annually		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Annual City Transportation Projects		\$ 170,555	\$ 1,702,661	\$2,337,740	\$900,670	\$1,628,857	\$3,357,201	\$4,414,467
MUNICIPAL BUILDINGS								
City Wide Rehabilitation		2018	2019	2020	2021	2022	2023	2024
19	302	Investment Grade Energy Audit (Phase 1)	\$52,200					
20	302	Implement Energy Savings Plan (Phase 2)		\$400,000				
Annual Facilities Projects		\$ 52,200	\$ 400,000					
PARKS AND RECREATION FACILITIES								
Parks, Recreation, and Open Space Master Plan		2018	2019	2020	2021	2022	2023	2024
21	302	20 Year CIP: Prioritize and Provide Engineering Estimates		\$50,000				
Yelm City Park								
22	302	Splash Pad		\$352,394				
23	302	Playground Equipment		\$289,590				
Cochrane Park								
24	302	Replace Dock and Handrails			\$25,000			
Longmire Community Park								
25	302	Replace Ball Fields and Turf		\$70,000				
26	302	Maintenance Shed Expansion		\$32,000				
27	302	Feasibility of Improvements and Concepts		\$70,000				
Tahoma Terra Neighborhood Park								
28	302	Pump Park	\$200,000					
Annual Parks and Recreation Facilities Projects		\$ 200,000	\$ 863,984	\$25,000				
WATER								
Water System CIP		2018	2019	2020	2021	2022	2023	2024
29	402	2017 Asbestos Cement Water Main Replacement	\$797,759					
30	402	SE Reservoir - Siting, Design and Construction		\$1,550,000	\$1,000,000			
31	402	2019 Asbestos Cement Water Main Replacement		\$170,000	\$700,000			
32	402	2020 Watermain Replacement Program			\$175,000			
33	402	2021 Watermain Replacement Program				\$830,000		
34	402	2022 Watermain Replacement Program				\$180,000	\$860,000	
35	402	2023 Watermain Replacement Program				\$185,000	\$890,000	\$920,000
36	402	2024 Watermain Replacement Program						\$195,000
Annual Water Projects		\$797,759	\$1,720,000	\$1,875,000	\$1,010,000	\$1,045,000	\$1,080,000	\$1,115,000
SEWER								
Sewer System CIP		2018	2019	2020	2021	2022	2023	2024
37	413	WRF Phase 1 Immediate Upgrades - SCADA and Reclaimed Pump System	\$1,267,652					
38	413	WRF Phase 2 Facility Upgrades	\$112,000	\$1,799,200	\$3,185,333	\$3,185,333	\$3,185,333	
39	413	WRF Phase 3 Facility Upgrades (2023)					\$6,070,500	\$6,070,500
40	413	WRF Office/Lunch Room	\$25,000					
41	413	Collection System Improvements		\$170,000	\$180,000	\$190,000	\$200,000	\$210,000
42	413	Longmire Community Park - Remove Reclaimed Water Tanks	\$10,000					
43	413	Cochrane Park - Reuse Water Treatment and Outfall Improvements	\$80,252	\$950,000	\$500,000			
Annual Sewer Projects		\$1,494,904	\$2,919,200	\$3,865,333	\$3,375,333	\$3,385,333	\$6,280,500	\$6,290,500
TOTAL CAPITAL PROGRAM		\$ 2,715,418	\$ 7,605,845	\$ 8,103,073	\$ 5,286,003	\$ 6,059,190	\$ 10,717,701	\$ 11,819,967
		2018	2019	2020	2021	2022	2023	2024

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 1

Project Name: Yelm Ave/1st Street (SR507) Corridor Study

CIP Program: Transportation

Lead Department: Community Development

Project Description:

This multi-modal planning project will engage the community and transportation stakeholders to identify strategies to balance the Yelm Ave/1st Street (SR 507) Corridor's character as a main street and as a regional highway. This project will study strategies to promote economic development opportunities, and to improve traffic safety and mobility for pedestrians, cyclists, and transit.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants	\$26,383		\$50,170					
State Grants								
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)	\$4,117		\$12,830					
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
	\$30,500		\$63,000					
Project Costs:								
Management & Engineering	\$30,500		\$63,000					
Land Acquisition								
Construction								
Debt Service								
	\$30,500		\$63,000					

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 2

Project Name: Inter-local Dynameq Model

CIP Program: Transportation Facilities

Lead Department: Public Works



Project Description:

This multi-modal planning project is for the preparation of the Transportation Plan Update in 2018. This project, in collaboration with the Thurston Regional Planning Council, will provide the tools to analyze projects and strategies to promote economic development opportunities, and to improve traffic safety and mobility for vehicles, pedestrians, cyclists, and transit regionally. The modeling goals and objectives of this platform are to assist in the refinement of traffic operational improvements and assess the cumulative impacts of future land use change.

Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)			\$5,000		\$5,000		\$5,000	
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund	\$21,963							
Real Estate Excise Tax Funds	\$14,417							
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
	\$36,380		\$5,000		\$5,000		\$5,000	
Project Costs:								
Management & Engineering	\$36,380		\$5,000		\$5,000		\$5,000	
Land Acquisition								
Construction								
Debt Service								
	\$36,380		\$5,000		\$5,000		\$5,000	

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 3

Project Name: Biannual Traffic Counts - Synchro Model Update

CIP Program: Transportation

Lead Department: Public Works

Project Description:

Project provides the tools to meet the Growth Management Act (GMA) requirements for concurrency of development, traffic safety analysis, and required transportation discipline reports for Capital Projects. This is an ongoing program bi-annually.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)			\$10,000		\$10,000		\$10,000	
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
			\$10,000		\$10,000		\$10,000	
Project Costs:								
Management & Engineering			\$10,000		\$10,000		\$10,000	
Land Acquisition								
Construction								
Debt Service								
			\$10,000		\$10,000		\$10,000	

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 4

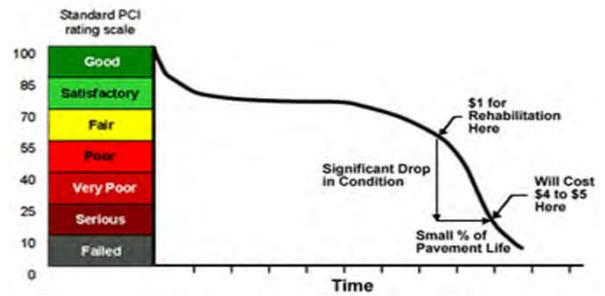
Project Name: Pavement Management System (PMS)
Program City Wide Evaluation

CIP Program: Transportation

Lead Department: Public Works

Project Description:

Project provides the tools to evaluate Pavement Conditions, ADA, and Sidewalk needs in order to rank and prioritize projects every 3 to 5 years.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants - Port Grant								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)				\$5,000			\$5,000	
Transportation Facility Charges				\$10,000			\$10,000	
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
				\$15,000			\$15,000	
Project Costs:								
Management & Engineering				\$15,000			\$15,000	
Land Acquisition								
Construction								
Debt Service								
				\$15,000			\$15,000	

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 5B

Project Name: Annual Pavement Preservation Program

CIP Program: Transportation

Lead Department: Public Works



Project Description:

This program provides funds for pavement preservation and/or maintenance of our City streets through County-provided chip seal of our roadways. This project provides annual funding for the City's pavement management program. Based on an annual review of the condition of the City's roadways, a road segment or segments are selected for repair or overlay to maintain the integrity of the City's street system. A true cost analysis of the 20-year needs will be performed in 2018 as part of the Transportation Plan Update. Local funds are required for ADA compliance in paving the roadways.

Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)			\$130,000	\$125,000	\$130,000	\$125,000	\$120,000	\$110,000
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
			\$130,000	\$125,000	\$130,000	\$125,000	\$120,000	\$110,000
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction			\$130,000	\$125,000	\$130,000	\$125,000	\$120,000	\$110,000
Debt Service								
			\$130,000	\$125,000	\$130,000	\$125,000	\$120,000	\$110,000

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 6

Project Name: Bald Hill Rd SE at Yelm Creek
City Limit to 5 Corners - Feasibility Study

CIP Program: Transportation - Stormwater

Lead Department: Public Works

Project Description:

This project is a feasibility study to identify a project that resolves seasonal flooding issues. Additional work includes identification of funding mechanisms to support the project of the feasibility study to include permitting barriers. This is a stormwater management project. The feasibility study will provide for funding opportunities with the selected alternative.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund		\$20,000						
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
		\$20,000						
Project Costs:								
Management & Engineering		\$20,000						
Land Acquisition								
Construction								
Debt Service								
		\$20,000						

CIP Project Form

2019-2020 Budget

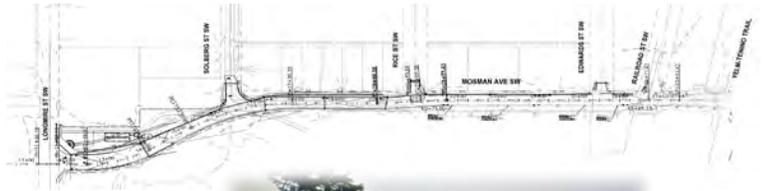
Project Information

Project Number: 7

Project Name: SW Mosman Avenue Phase 2

CIP Program: Transportation (101-Road & Street Const Fund)

Lead Department: Public Works



Project Description:

This project is currently in the right-of-way acquisition. ROW acquisition areas are determined. The project has completed the preliminary engineering and environmental phase. Right-of-way plans have been approved. The project reconstructs portions of Mosman Ave SW and constructs a new road connection to Longmire St SW. The road cross section includes two travel lanes, bike lanes, sidewalks, curbs and gutter. Other work includes storm drainage and illumination improvements and planter strips on portions of the project. The new roadway will traverse a portion of the privately owned Brookdale Golf Course LLC.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants	\$72,921		\$345,178					
State Grants - TIB				\$872,666				
Other Grants - State DOE				\$118,401				
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges	\$15,881	\$21,718		\$50,000				
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds	\$150,336	\$67,624	\$248,783	\$132,991				
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund				\$21,528				
Sewer Capital Improvements Fund				\$10,764				
	\$239,138	\$89,342	\$593,961	\$1,206,350				
Project Costs:								
Management & Engineering	\$88,802		\$11,875					
ROW Consultant		\$12,916	\$92,587					
Land Acquisition	\$150,336		\$489,500					
Construction & Site Insp				\$1,206,350				
Debt Service								
	\$239,138	\$12,916	\$593,961	\$1,206,350				

CIP Project Form

2019-2020 Budget

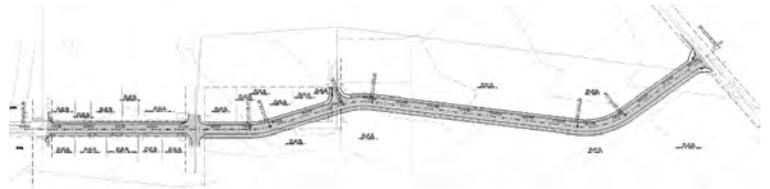
Project Information

Project Number: 8

Project Name: Mosman Ave E Phase 3 - 2nd St to Clark Road

CIP Program: Transportation

Lead Department: Public Works



Project Description:

Reconstruction and new construction extending the Mosman Corridor from 2nd Street to Clark Road. This is a new ~1300LF roadway connector to include curbs, gutters, sidewalks, and full utilities, street lights, stormwater, water, sewer, S.T.E.P., reclaimed water services for landscaping and irrigation systems, power, gas, and future fiber system for SCADA. *Update 11/02/2018: Project postponed until 2021. Necessity will be reevaluated in 2019 with the the 20-yr transportation plan update.*



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants - TIB						\$234,983	\$908,250	\$916,722
Other Grants - State DOE								\$278,893
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)						\$29,339		
Transportation Facility Charges	\$64,325				\$64,325			
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds							\$99,225	\$114,459
Municipal Building Fund								
Stormwater Fund							\$14,175	\$55,779
Water Capital Improvements Fund	\$5,400				\$5,400	\$3,667	\$14,175	\$14,307
Sewer Capital Improvements Fund	\$5,400				\$5,400	\$3,667	\$14,175	\$14,307
	\$75,125				\$75,125	\$271,656	\$1,050,000	\$1,394,467
Project Costs:								
Management & Engineering	\$75,125				\$75,125	\$271,656		
Land Acquisition							\$1,050,000	
Construction								\$1,394,467
Debt Service								
	\$75,125				\$75,125	\$271,656	\$1,050,000	\$1,394,467

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 9

Project Name: Coates Ave NW - Killion to Cullens Road

CIP Program: Transportation

Lead Department: Public Works

Project Description:

New roadway between Killion Road and Cullens Road. ~1,300 LF roadway to include sidewalks, curbs, gutters, and full utilities; street lights, stormwater, water, sewer, S.T.E.P., reclaimed water services for landscaping and irrigation systems, power, gas, and future fiber system for SCADA. A developer has completed half-width street improvements the city will design and construct the other half street improvements. There may be signal projects and improvements to the Cullens/Coates intersection required.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants - TIB					\$118,854	\$606,298	\$606,298	
Other Grants - State DOE						\$199,400	\$199,400	
Contribution	\$10,219			\$10,219				
General Fund (101)								
Street Fund (316) (Gas Tax)		\$1,368			\$37,335			
Transportation Facility Charges	\$56,475			\$56,475	\$3,515	\$121,260	\$121,260	
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund					\$503	\$39,929	\$39,929	
Water Capital Improvements Fund	\$7,098	\$171		\$7,098	\$5,169	\$15,157	\$15,157	
Sewer Capital Improvements Fund	\$7,098	\$171		\$7,098	\$5,169	\$15,157	\$15,157	
	\$80,890	\$1,710		\$80,890	\$170,545	\$997,201	\$997,201	
Project Costs:								
Management & Engineering	\$80,890	\$1,710		\$80,890	\$170,545			
Land Acquisition								
Construction						\$997,201	\$997,201	
Debt Service								
	\$80,890	\$1,710		\$80,890	\$170,545	\$997,201	\$997,201	

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 10

Project Name: Burnett/93rd Intersection -
Realignment & Traffic Signal

CIP Program: Transportation

Lead Department: Public Works

Project Description:

A signal at 93rd Avenue requires the realignment of both Burnett Road and 93rd Avenue to align with each other – true commercial land ROW costs have not been calculated for a true project cost estimate.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants							\$700,000	
State Grants								
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)				\$150,000	\$150,000	\$150,000	\$150,000	
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
				\$150,000	\$150,000	\$150,000	\$850,000	
Project Costs:								
All Phases				\$150,000	\$150,000	\$150,000	\$850,000	
				\$150,000	\$150,000	\$150,000	\$850,000	

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 11

Project Name: Longmire/SR 510 Intersection -
Traffic Signal

CIP Program: Transportation

Lead Department: Public Works

Project Description:

A signal at the Longmire/SR 510 intersection will require commercial property for the ROW. True commercial ROW costs have not been calculated for an updated project cost estimate.

With the work currently underway for traffic modeling, this will set the geometrics to get a true update of opinion of costs.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								\$1,000,000
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges							\$150,000	\$150,000
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								\$150,000
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
							\$150,000	\$1,300,000
Project Costs:								
All Phases							\$150,000	\$1,300,000
							\$150,000	\$1,300,000

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 12B

Project Name: Sidewalk Repair and Replacement Program

CIP Program: Transportation - Non-Motorized

Lead Department: Public Works

Project Description:

This program provides funds for sidewalk repair and maintenance of our City sidewalks through the use of both in-house labor and contracted construction and repair work. This project provides annual funding for the City's sidewalk program. Based on an annual review of the condition of the City's sidewalk, segments are selected for new sidewalk construction and/or repair to maintain the integrity and pedestrian safety of the City's sidewalk system.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)			\$40,000	\$140,000				
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
			\$40,000	\$140,000				
Project Costs:								
Management & Engineering			\$40,000					
Land Acquisition								
Construction				\$140,000				
Debt Service								
			\$40,000	\$140,000				

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 13

Project Name: Fort Stevens Elementary Pedestrian Improvements

CIP Program: Transportation - Non-Motorized

Lead Department: Public Works

Project Description:

Improves safety for students and pedestrians along 100th Way Southeast and Grove Road near Fort Stevens Elementary with new sidewalks and ADA compliant facilities. The project includes construction of ~1800 LF of curbs, gutters, and 6' sidewalks from the existing sidewalks on the north side of the road across from the school to include storm water systems.

Some minor utility relocation will be needed.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants - TAP	\$397,649	\$332,945	\$60,509					
Federal Grants - STP			\$133,320					
State Grants								
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)	\$122,051	\$68,500	\$172,000					
Transportation Facility Charges	\$17,300	\$6,584	\$20,771					
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
	\$537,000	\$408,029	\$386,600					
Project Costs:								
Design Engineering	\$66,000	\$85,929						
Construction Management			\$64,500					
Construction	\$471,000		\$644,200					
Debt Service								
	\$537,000	\$85,929	\$708,700					

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 14

Project Name: Mill Road SE Sidewalk & Pedestrian Crossing

CIP Program: Transportation - Non-Motorized

Lead Department: Public Works

Project Description:

Project constructs 1,130 feet of new 5-foot shared use path along the west side of Mill Road SE from Mill Road Elementary School to 104th Avenue. This sidewalk will fill in the missing gap of sidewalk along Mill Road. The project will also include a new pedestrian crossing across Mill Road at the north end of Cochrane Park which will line up with a future multiuse path that will run along the north edge of Cochrane Park. Project completes a gap and an alternative route to SR507. Proposed funding will be a grant from the Transportation Improvement Board. As of 2018, funding for this project is not yet secured.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants - TIB				\$497,250				
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)				\$11,000				
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds			\$67,000	\$6,250				
Municipal Building Fund								
Stormwater Fund				\$38,000				
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
			\$67,000	\$485,500				
Project Costs:								
Management & Engineering			\$67,000	\$60,500				
Land Acquisition								
Construction				\$425,000				
Debt Service								
			\$67,000	\$485,500				

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 15

Project Name: Cochrane Park Multiuse Path

CIP Program: Transportation - Non-Motorized

Lead Department: Public Works

Project Description:

This project will construct ~540 feet of new 8-foot wide multi-use path along the north side of Cochrane park. This path will connect the new sidewalk along the west side of Mill Road SE to 2nd Avenue SE. It is anticipated that this path will be constructed with in-house forces.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund					\$75,000			
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
					\$75,000			
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction					\$75,000			
Debt Service								
					\$75,000			

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 16

Project Name: 2nd Street SE Sidewalk

CIP Program: Transportation - Non-Motorized

Lead Department: Public Works

Project Description:

This project will construct ~575 feet of new 5-foot wide multi-use concrete sidewalk along the west side of 2nd Street SE from Cochrane Park to the existing sidewalk at Mosman Avenue SE. Along with the Mill Road path and the Cochrane Park Multi-use pathway, this project will provide the final link between Mill Pond Elementary School and the downtown area.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants - Safe Routes				\$40,000	\$160,000			
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)				\$10,000	\$40,000			
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
				\$50,000	\$200,000			
Project Costs:								
Management & Engineering				\$50,000				
Land Acquisition								
Construction					\$200,000			
Debt Service								
				\$50,000	\$200,000			

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 17

Project Name: Rail Trail - Power Canal to Roy

CIP Program: Transportation - Non-Motorized

Lead Department: Public Works

Project Description:

This project is contingent on secured regional partner participation and targeted for the State Recreational Trails Program (RTP). This is a phase of the total trail project from Yelm to Roy. It is anticipated that this trail will consist of a bituminous surface path, similar to that of the existing portion within the City of Yelm.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants - RCO							\$75,000	\$1,525,000
Loans								
General Fund (101)								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
							\$75,000	\$1,525,000
Project Costs:								
Management & Engineering							\$75,000	
Land Acquisition								
Construction								\$1,525,000
Debt Service								
							\$75,000	\$1,525,000

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 19

Project Name: Investment Grade Energy Audit (Phase 1)

CIP Program: General Facilities

Lead Department: Executive Office



**Energy Savings
Performance Contracting**

Using energy savings to
fund capital improvements



Project Description:

Due to the lack of a 2017-19 biennium Capital Budget, Department of Commerce (DOC) is unable to offer new biennium energy efficiency and solar program grants at this time. <http://www.commerce.wa.gov/growing-the-economy/energy/energy-efficiency-and-solar-grants/> will be updated as conditions warrant, indicating if and when program grants will be available in the new biennium. The program focuses on funding the best projects to increase energy and cost savings in the publically-built environment. Grants are awarded through a competitive process and must be used solely for energy and operational cost saving and solar installations. This is a performance based construction. For more information visit this link: http://www.des.wa.gov/sites/default/files/public/documents/Facilities/Energy/ESP_C_Website/Energy-brochure_DES.pdf

Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants - DOC								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund	\$70,000	\$52,200						
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
	\$70,000	\$52,200						
Project Costs:								
Management & Engineering	\$70,000	\$52,200						
Land Acquisition								
Construction								
Debt Service								
	\$70,000	\$52,200						

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 20

Project Name: Implement Energy Savings Plan (Phase 2)

CIP Program: General Facilities

Lead Department: Executive Office



Energy Savings Performance Contracting

Using energy savings to
fund capital improvements



Project Description:

Due to the lack of a 2017-19 biennium Capital Budget, Department of Commerce (DOC) is unable to offer new biennium energy efficiency and solar program grants at this time. <http://www.commerce.wa.gov/growing-the-economy/energy/energy-efficiency-and-solar-grants/> will be updated as conditions warrant, indicating if and when program grants will be available in the new biennium. The program focuses on funding the best projects to increase energy and cost savings in the publically-built environment. Grants are awarded through a competitive process and must be used solely for energy and operational cost saving and solar installations. This is a performance based construction. For more information visit this link: http://www.des.wa.gov/sites/default/files/public/documents/Facilities/Energy/ESP_C_Website/Energy-brochure_DES.pdf

Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants - DOC								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund			\$400,000					
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
			\$400,000					
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction			\$400,000					
Debt Service								
			\$400,000					

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 21

Project Name: 20 Year CIP: Prioritize and Provide Engineering Estimates

CIP Program: Parks and Recreation Facilities

Lead Department: Public Works

Project Description:

The City of Yelm completed the adoption of the Comprehensive Parks Plan in 2017. The funding requests are for completion of engineers cost estimates and funding strategies to realize those projects and programs. For more information visit:

<https://www.ci.yelm.wa.us/uploads/library/reports/ParksPlan.pdf>



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds			\$50,000					
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
			\$50,000					
Project Costs:								
Management & Engineering			\$50,000					
Land Acquisition								
Construction								
Debt Service								
			\$50,000					

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 22

Project Name: Yelm City Park - Splash Pad

CIP Program: Parks and Recreation Facilities

Lead Department: Public Works

Project Description:

The City received a Community Development Block Grant (CDBG) funding for a splash park at City Park. We are currently doing special environmental studies and anticipate the sighting and design will begin in January of 2018. Alternative concepts and sighting will be evaluated by a stakeholders group developed in 2017. For more information, please visit:

http://www.ci.yelm.wa.us/splash_pad/



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Community Develop Block Grant	\$305,019	\$228,764	\$76,255					
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds	\$27,000	\$40,625	\$6,750					
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
	\$332,019	\$269,389	\$83,005					
Project Costs:								
All Phases	\$332,019		\$352,394					
	\$332,019		\$352,394					

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 23

Project Name: City Park Playground Equipment

CIP Program: Parks and Recreation Facilities

Lead Department: Public Works

Project Description:

The City of Yelm was successful in securing funds for new playground equipment for the City Park. Funds are held up pending the State release of the Capital Program Funds for 2017-2019. Shown at right is one of many concepts we will review to install new playground equipment in late 2018.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants	\$239,590	\$239,590						
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds	\$50,000		\$50,000					
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
	\$289,590	\$239,590	\$50,000					
Project Costs:								
Management & Engineering			\$50,000					
Land Acquisition								
Construction	\$239,590		\$239,590					
Debt Service								
	\$239,590		\$289,590					

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 24

Project Name: Cochrane Park - Dock Replacement

CIP Program: Parks and Recreation Facilities

Lead Department: Public Works

Project Description:

Upon inspection it was found the dock and handrails need replacing at Cochrane Park. Over the next year, Cochrane Park will undergo some needed rehabilitation, including work in the rapid infiltration basins, fishpond, and all three cells of the constructed wetlands. This is a potential Eagle Scout Project.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds	\$25,000			\$25,000				
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
	\$25,000			\$25,000				
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction	\$25,000			\$25,000				
Debt Service								
	\$25,000			\$25,000				

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 25

Project Name: Longmire Park - Turf Replacement

CIP Program: Parks and Recreation Facilities

Lead Department: Public Works

Project Description:

The ball fields are in need of repair and leveling. This project allows for upgrading of the ball fields that will include top dressing, seed, fertilizer and mulch at and includes replacing the spectator bleachers at a total cost of \$412,800. This is a maintenance project. It is anticipated that Public Works staff will complete this work at a cost savings to the public.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants - YAF (anticipated)								
Other Grants								
Loans								
General Fund (101)			\$70,000					
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
			\$70,000					
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction			\$70,000					
Debt Service								
			\$70,000					

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 26

Project Name: Longmire Park - Maintenance Shed Expansion

CIP Program: Parks and Recreation Facilities

Lead Department: Public Works

Project Description:

The reclaimed water tanks will be removed from the park. The existing shed is proposed to be expanded to store all the machinery, equipment, tools, and supplies for the maintenance of Longmire Park. Today it is a small shed located behind the reclaimed water tanks.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds	\$24,000	\$32,000	\$32,000					
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
	\$24,000	\$32,000	\$32,000					
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction			\$32,000					
Debt Service								
			\$32,000					

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 27

Project Name: Longmire Park - Feasibility of Improvement and Concepts

CIP Program: Parks and Recreation Facilities

Lead Department: Public Works

Project Description:

Feasibility of Longmire Park expansion for recreational use and parking and well as linking a shared use path in abandoned trail line.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants - TBD								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund			\$70,000					
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
			\$70,000					
Project Costs:								
Management & Engineering			\$70,000					
Land Acquisition								
Construction								
Debt Service								
			\$70,000					

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 28

Project Name: Pump Park

CIP Program: Parks and Recreation Facilities

Lead Department: Public Works

Project Description:

A pump track is a type of off-road terrain for cycle sport consisting of a circuit of banked turns and features designed to be ridden completely by riders "pumping" - creating momentum by up and down body movements. They are very popular in other city owned parks.

The proposed pump park for the City of Yelm is tentatively planned adjacent to an existing picnic shelter in the Tahoma Terra neighborhood.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants - LTAC (Lodging Tax)		\$50,000						
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund	\$150,000	\$150,000						
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund								
	\$150,000	\$200,000						
Project Costs:								
Management & Engineering	\$5,000							
Land Acquisition								
Construction	\$145,000	\$200,000						
Debt Service								
	\$150,000	\$200,000						

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 29

Project Name: 2017 Asbestos Cement Water Main Replacement

CIP Program: Water System CIP

Lead Department: Public Works

Project Description:

This is an annual city wide program to replace out of date water distribution system components and disconnect existing asbestos cement pipes from the system. Homes on Washington Ave., McKenzie St., Solberg St. and Mosman Ave. were included in this year's project. The existing AC water main was abandoned and meter services were relocated from the rear alleys to the public right-of-way.

Construction on this year's project was completed in July 2018.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund	\$800,000	\$797,759						
Sewer Capital Improvements Fund								
	\$800,000	\$797,759						
Project Costs:								
Management & Engineering		\$168,482						
Land Acquisition								
Construction	\$800,000	\$629,277						
Debt Service								
	\$800,000	\$797,759						

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 30

Project Name: SE Reservoir - Siting, Design and Construction

CIP Program: Water System CIP

Lead Department: Public Works

Project Description:

The most recent adopted 2010 Water System Plan can be viewed on the City's website at: http://www.ci.yelm.wa.us/water_system_plan/

The reservoir is to be constructed in southeast Yelm to improve fire flow conditions in that area of the system which is currently undersized for available fire flow capacity. Construction of the new reservoir will provide more flexibility for operation of the system maintenance as well. Preliminary sizing of the reservoir is approximately 1.4 million gallon capacity with ground elevation at approximately 350 feet and a top water elevation of 477 feet. For more information, visit:

<http://www.ci.yelm.wa.us/waterres/>



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund	\$285,150		\$1,550,000	\$1,000,000				
Sewer Capital Improvements Fund								
	\$285,150		\$1,550,000	\$1,000,000				
Project Costs:								
Management & Engineering	\$285,150		\$250,000					
Land Acquisition			\$300,000					
Construction			\$1,000,000	\$1,000,000				
Debt Service								
	\$285,150		\$1,550,000	\$1,000,000				

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 31

Project Name: 2019 Asbestos Cement Water Main Replacement

CIP Program: Water System CIP

Lead Department: Public Works

Project Description:

This is an annual city wide program to replace out of date water distribution system components and disconnect existing asbestos cement pipes from the system. The location of the 2019 project has yet to be determined. Existing AC water main will be abandoned and meter services will be relocated to the public right-of-way.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund			\$170,000	\$700,000				
Sewer Capital Improvements Fund								
			\$170,000	\$700,000				
Project Costs:								
Management & Engineering			\$170,000					
Land Acquisition								
Construction				\$700,000				
Debt Service								
			\$170,000	\$700,000				

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 32

Project Name: 2020 Water Main Replacement

CIP Program: Water System CIP

Lead Department: Public Works

Project Description:

This is an annual city wide program to replace out of date and undersized water distribution system pipes and components, disconnect existing asbestos cement pipes from the system, and to increase capacity for fire flow identified in the water system plan.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund				\$175,000	\$830,000			
Sewer Capital Improvements Fund								
				\$175,000	\$830,000			
Project Costs:								
Management & Engineering				\$175,000				
Land Acquisition								
Construction					\$830,000			
Debt Service								
				\$175,000	\$830,000			

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 33

Project Name: 2021 Water Main Replacement

CIP Program: Water System CIP

Lead Department: Public Works

Project Description:

This is an annual city wide program to replace out of date and undersized water distribution system pipes and components, disconnect existing asbestos cement pipes from the system, and to increase capacity for fire flow identified in the water system plan.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund					\$180,000	\$860,000		
Sewer Capital Improvements Fund								
					\$180,000	\$860,000		
Project Costs:								
Management & Engineering					\$180,000			
Land Acquisition								
Construction						\$860,000		
Debt Service								
					\$180,000	\$860,000		

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 34

Project Name: 2022 Water Main Replacement

CIP Program: Water System CIP

Lead Department: Public Works

Project Description:

This is an annual city wide program to replace out of date and undersized water distribution system pipes and components, disconnect existing asbestos cement pipes from the system, and to increase capacity for fire flow identified in the water system plan.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund						\$185,000	\$890,000	
Sewer Capital Improvements Fund								
						\$185,000	\$890,000	
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction						\$185,000	\$890,000	
Debt Service								
						\$185,000	\$890,000	

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 35

Project Name: 2023 Water Main Replacement

CIP Program: Water System CIP

Lead Department: Public Works

Project Description:

This is an annual city wide program to replace out of date and undersized water distribution system pipes and components, disconnect existing asbestos cement pipes from the system, and to increase capacity for fire flow identified in the water system plan.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund							\$190,000	\$920,000
Sewer Capital Improvements Fund							\$190,000	\$920,000
							\$190,000	\$920,000
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction							\$190,000	\$920,000
Debt Service								
							\$190,000	\$920,000

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 36

Project Name: 2024 Water Main Replacement

CIP Program: Water System CIP

Lead Department: Public Works

Project Description:

This is an annual city wide program to replace out of date and undersized water distribution system pipes and components, disconnect existing asbestos cement pipes from the system, and to increase capacity for fire flow identified in the water system plan.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								\$195,000
Sewer Capital Improvements Fund								\$195,000
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction								\$195,000
Debt Service								
								\$195,000

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 37

Project Name: WRF Phase 1 Immediate Upgrades -
SCADA and Reclaimed Pump System

CIP Program: Sewer System CIP

Lead Department: Public Works

Project Description:

The City of Yelm is working to increase the firm capacity of the Reclaimed Water Pump Station (RWPS) located within the Blower Building of the Water Reclamation Facility (WRF). The existing RWPS is nearing the end of its useful life, and needs replacement. In addition, in order to meet the City's future groundwater re-charge obligations in conjunction with the peak hour needs of their reclaimed water distribution system, the capacity of the RWPS must be increased.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans - USDA	\$2,000,000							
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund		\$1,267,652						
	\$2,000,000	\$1,267,652						
Project Costs:								
Management & Engineering		\$450,105						
Land Acquisition								
Construction	\$2,000,000	\$817,547						
Debt Service								
	\$2,000,000	\$1,267,652						

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 38

Project Name: WRF Phase 2 Facility Upgrades

CIP Program: Sewer System CIP

Lead Department: Public Works

Project Description:

The City of Yelm is adopted the Yelm Facility Plan in 2016. Phase 1 immediate upgrades are currently under construction and are expected to be completed before the end of 2018. The Phase 2 (2019) upgrades include elements for key plant design that are at design capacity with regards to the SBR (Sequential Batch Reactor) and nitrogen removal. Many plant components are in need of replacement today to meet the design flow capacity of 1.22 MGD (Maximum Average Daily Influent Flow). Current plans include upgrading the current SBR system to an MBR (Membrane Bioreactor) system. Refer to the Facilities Plan for a full breakdown of the work needed:

http://www.ci.yelm.wa.us/reports_and_plans/



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants- Dept. of Ecology				\$800,000				
Other Grants								
Loans - USDA								
Loans - Public Works Trust Fund			\$1,000,000	\$2,185,333	\$3,185,333	\$3,185,333		
Obligation Bond								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund		\$112,000	\$799,200	\$200,000				
		\$112,000	\$1,799,200	\$3,185,333	\$3,185,333	\$3,185,333		
Project Costs:								
Management & Engineering		\$112,000	\$1,799,200					
Land Acquisition								
Construction				\$3,185,333	\$3,185,333	\$3,185,333		
Debt Service								
		\$112,000	\$1,799,200	\$3,185,333	\$3,185,333	\$3,185,333		

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 39

Project Name: WRF Phase 3 Facility Upgrades (2023)

CIP Program: Sewer System CIP

Lead Department: Public Works

Project Description:

The work elements for Phase 3 are focused on upgrading the existing 1 MGD flow capacity process components to the new design flow capacity of 1.22 MGD. Please refer to the Facility Plan for the work needed.

http://www.ci.yelm.wa.us/reports_and_plans/



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans - USDA								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund							\$6,070,500	\$6,070,500
							\$6,070,500	\$6,070,500
Project Costs:								
All Phases							\$6,070,500	\$6,070,500
							\$6,070,500	\$6,070,500

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 40

Project Name: WRF Office/Lunch Room

CIP Program: Sewer System CIP

Lead Department: Public Works

Project Description:

Project consists of construction of a small lunch room and work area for the WRF employees. This facility will provide a more sanitary environment for the field employees for lunch and work breaks, and provide an area for performing routine paper work out of the weather. A pre-constructed "shed'like" structure is anticipated.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund	\$40,000	\$25,000						
	\$40,000	\$25,000						
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction	\$40,000	\$25,000						
Debt Service								
	\$40,000	\$25,000						

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 41

Project Name: Collection System Improvements

CIP Program: Sewer System CIP

Lead Department: Public Works

Project Description:

Similar to the Water System Plan, the City needs to maintain its sanitary collection system pipes. Repair and replacement of S.T.E.P. pumps are also needed as they are City owned and maintained. The capital costs as estimated in the Facility Plan adopted is an annual amount for this work as completed by staff or outsourced to contractors.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund	\$163,000		\$170,000	\$180,000	\$190,000	\$200,000	\$210,000	\$220,000
	\$163,000		\$170,000	\$180,000	\$190,000	\$200,000	\$210,000	\$220,000
Project Costs:								
All Phases	\$163,000		\$170,000	\$180,000	\$190,000	\$200,000	\$210,000	\$220,000
	\$163,000		\$170,000	\$180,000	\$190,000	\$200,000	\$210,000	\$220,000

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 42

Project Name: Longmire Community Park
- Remove Reclaimed Water Tanks

CIP Program: Sewer System CIP

Lead Department: Public Works

Project Description:

Project removes the existing reclaimed water storage tanks. Longmire Park now receives direct feed reclaimed water from the Water Reclamation Facility. The tanks are being removed as they are no longer needed, and removal will provide room needed for expansion of the maintenance shed.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans								
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Capital Improvements Fund	\$20,000	\$10,000						
	\$20,000	\$10,000						
Project Costs:								
Management & Engineering								
Land Acquisition								
Construction	\$20,000	\$10,000						
Debt Service								
	\$20,000	\$10,000						

CIP Project Form

2019-2020 Budget

Project Information

Project Number: 43

Project Name: Cochrane Park - Reuse Water Treatment and Outfall Improvements

CIP Program: Sewer System CIP

Lead Department: Public Works

Project Description:

The City of Yelm completed construction of the reclaimed water facility and Cochrane Memorial Park 1999, formally transforming the wastewater treatment plant into a Class A water reclamation facility.

Over the next few years, Cochrane Park will undergo some needed rehabilitation, including work in the rapid infiltration basins (RIBs), fish pond, and all three cells of the constructed wetlands. The main objective of the rehabilitation project is to remove sediment buildup and overgrown vegetation that have impeded the functionality of the wetland cells. Not only will this work improve the primary function of this reclaimed water facility, but it will also improve the aesthetics of the park.



Project Financial Summary

	2018 Budget	2018 Projected	2019 Budget	2020 Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
Project Funding Sources:								
Federal Grants								
State Grants								
Other Grants								
Loans - DOE (CWSRF)			\$760,000					
General Fund (101)								
Contribution								
Street Fund (316) (Gas Tax)								
Transportation Facility Charges								
Transportation Impact Fee Fund								
Real Estate Excise Tax Funds								
Municipal Building Fund								
Stormwater Fund								
Water Capital Improvements Fund								
Sewer Cap Impr Fund: 20% Match	\$180,000		\$190,000					
Sewer Capital Improvements Fund	\$60,000	\$80,252		\$500,000				
	\$240,000	\$80,252	\$950,000	\$500,000				
Project Costs:								
Management & Engineering	\$180,000	\$80,252	\$200,000					
Land Acquisition								
Construction	\$60,000		\$750,000	\$500,000				
Debt Service								
	\$240,000	\$80,252	\$950,000	\$500,000				