



City of Yelm

EST. 1924

WASHINGTON

"Pride of the Prairie"

To: Planning Commission
From: Tami Merriman, Associate Planner
Date: August 5, 2020 (for August 17, 2020 Meeting)
Subj: Capital Facilities Project List Update

The Growth Management Act requires that the City's Comprehensive Plan include a Capital Facilities Chapter to establish goals and policies related to the current and future infrastructure needs of the community. The Act also requires that the Capital Facilities element of the Comprehensive Plan include a short term and long term project list, identifying all the capital facilities needs, cost, and funding sources.

The Yelm Comprehensive Plan was last updated in 2017. Since that time, many of the capital facilities plans have been updated.

Attached is an updated Capital Facilities List for short term (10 years) needs and long term (20 years) needs. The list was derived from the following Capital Facilities Plans:

- Parks Plan (2017)
- Transportation Plan (2009)
- Downtown Transportation Strategy (2019)
- Water System Plan (2009)
- General Sewer Plan (2016)
- Stormwater Management Plan (2016)

The Capital Facilities list includes updated cost projections, new projects from new and updated plans, and redistributed projects from between the 10 year and 20 year planning horizon.

Public participation plan:

Presented to Planning Commission July 20, 2020

City Website page with comment option: active to August 17, 2020

Facebook Page with link to internet page for comment: August 10 - August 17, 2020

Planning Commission Public Hearing August 17, 2020

The Commission, after review and consideration of public comment would then forward the update to the City Council with recommendation of approval.

TABLE 1 - CAPITAL FACILITIES PLAN FUNDING SOURCES

	Funding Source
Current Revenues	General Fund Contributions (Including Interest) Municipal Building Fund Sewer Rates Water Rates Storm water Rates Solid Waste Rates Water and Sewer System Development Charges Impact Fees (Parks, School, Fire, Transportation) ½ percent Real Estate Excise Tax
Bonds	Councilmanic (No Public Vote) General Obligation (Public Vote Required) Revenue (Paid by Utility Rates or other revenue source)
Federal Grants	Federal Aid to Urban Streets Fund Federal Highway Safety Funds Federal Surface Transportation Act Land and Water Conservation Fund
State Grants and Loans	Transportation Improvement Board Hazardous Bridge Replacement Stormwater Management Grants Recreation and Conservation Funding Board Arterial Street Fund (Motor Fuel Tax) Aquatic Lands Enhancement Account Public Works Trust Fund (PWTF) Loans
Other	Developer Contributions Private Donations Local Improvement Districts

TABLE 2 - 10 YEAR CAPITAL FACILITIES PLAN SUMMARY

Park Projects	Funding Source	2020-2030
Connection between Prairie Line trail SR 510 Alternate	WSDOT	\$250,000
Connection between Longmire Park and SR 510 Alternate	WSDOT	\$0
Trail Head/Skate Park picnic area and restrooms	Grants/Local Match	\$200,000
55 acres of additional park	Grants/Local Match	
Yelm Prairie Line Trail to Roy	Grants/Local Match	\$1,500,000
Yelm City Park Master Plan	Grants/Local Match	\$410,000
Off-Leash Dog Park	Grants/Local Match	\$100,000
Pump Park	Grants/Local Match	\$200,000
Longmire Park Drainage	Local Funds	\$170,000
Cochrane Park Multi-Use Path	Local Funds	\$75,000
Transportation Projects	Funding Source	2020-2030
Extend Alteranate SR 510 Loop to Bald Hill Road	TFCs/ Grants	\$2,860,000
103 rd Avenue SE Bridge Replacement	TFCs Grants	\$690,000
Burnett/93 rd Intersection	TFCs Grants	\$1,400,000
Mill Road SE Sidewalk - 104 th to Cochrane Park	TFCs Grants	\$550,000
Mosman Avenue – Railroad to Longmire	TFCs Grants	\$1,769,652
Cullens Street – Yelm Avenue to Van Trump	TFCs Grants	\$490,700
2nd Street Improvements (North)	TFCs Grants	\$708,700
Washington/McKenzie One-way Couplet	TFCs Grants	\$1,163,600
First Street (SR507) Improvements	TFCs Grants	\$338,600
Washington Avenue Improvements	TFCs Grants	\$478,900
2 nd Street Improvements South	TFCs Grants	\$630,400
Creek Street Sidewalk – 103 rd to Algiers	TFCs Grants	\$391,300
Mill Road/1 st Street Intersection Realignment	TFCs Grants	\$600,000

Water Projects	Funding Source	2020-2030
Water Rights Mitigation Projects	Revenue Bonds	\$1,270,000
Southeast Yelm Reservoir	Revenue Bonds	\$1,000,000
Distribution System Projects	Revenue Bonds	\$1,000,000
Water Reclamation Projects	Funding Source	2020-2030
Collection System Upgrades	Rates/SDCs	\$1,230,000
Expand Cochrane Park RIBs	Local Funds/SDCs	\$1,235,000
WRF Phase II Upgrade MRB Conversion	Grants/Loans/Bonds	\$25,000,000
WRF Phase III Updgrade Sludge Dryer	Grants/Loans/Bonds	\$2,000,000
Stormwater Projects	Funding Source	2020-2030
Bald Hill Rd SE - City Limit to 507	Grants/Local Match	\$200,000
SR 507 at 1208 Yelm infiltration gallery	Grants/Local Match	\$125,000
SR 507/Clark/103rd filtration/galleries	Grants/Local Match	\$250,000
Mill Road/Cochrane Park catch basin	Grants/Local Match	\$50,000
SR510 Edwards to Longmire catch basins	Grants/Local Match	\$100,000
McKenzie SW Longmire to Solberg catch basins	Grants/Local Match	\$150,000
SR510/First curb inlets	Grants/Local Match	\$175,000
General Government Projects	Funding Source	2020-2030
Wayfinding Program (Signage)	Grants/LTAC	\$130,500

TABLE 3 - LONG TERM CAPITAL FACILITIES NEEDS

Park Projects	2030-2040
48 acres of additional parks	
Transportation Projects	2030-2040
Vancil Road to Morris Road Connection	\$2,100,000
Morris Road to Bald Hill Road Connection	\$4,410,000
Mill Road Vertical Realignment	\$700,000
Mill Road to 105 th Avenue Connection	\$1,750,000
Extend 105 th Avenue between Clark Road and Vancil Road	\$1,880,000
N.P. Road Reconstruction	\$3,020,000
Parkview Drive New Connection	\$550,000
View Drive Reconstruction	\$1,110,000
Rhoton Road Reconstruction	\$5,110,000
Extend Coates Road to Killion Road	\$1,360,000
Burnett/93 rd Intersection	\$1,875,000
Central Business District – Cullens to 4 th	\$2,299,000
Mill Road SE - 107 th to 104 th	\$1,232,400
Mill Road SE Sidewalk – Cochrane Park to 1 st and Mosman	\$927,600
Mosman Avenue – 4 th to Clark	\$2,341,900
Bald Hill Road – City Limits to 5 Corners	\$2,392,000
Cullens Street – 94 th to 450' north	\$222,000
Railway Road SE Sidewalk – 1 st to Existing Middle Street Sidewalk	\$780,500
Mosman Avenue 2 nd – 3 rd	\$765,800
Longmire Street/SR510 Intersection Traffic Signal	\$1,045,000
3 rd Street Improvements	\$1,567,300
Trail Overpass Yelm Avenue	\$1,765,300
Yelm Avenue East (CBD)	\$2,321,800
McKenzie Avenue Improvements	\$562,300
Railroad Street Improvements	\$670,800
Jefferson Avenue Improvements	\$1,393,500
4 th Street Improvements	\$1,067,800

Water Projects	2030-2040
Water Rights Mitigation Projects	\$1,270,000
Transmission Main 2	\$348,000
Southwest Yelm Well 3	\$1,530,000
Southwest Yelm Well 4	\$1,530,000
Southwest Yelm Reservoir 2	\$2,430,000
Water Treatment System 2	\$1,950,000
Transmission Main 3	\$574,200
Transmission Main 4	\$435,000
Transmission Main 5	\$2,790,000
SW Yelm Well 5	\$1,530,000
New Transmission Mains 6	\$348,000
Distribution System Projects	\$400,000
Water Reclamation Projects	2030-2040
Collection System Upgrades	\$860,000
Stormwater Projects	2030-2040
None	
General Government Projects	2030-2040
New City Hall	\$10,000,000

TABLE 4 - INVENTORY OF MAJOR CITY ASSETS

Parks	Location
Cochrane Memorial	Mill Road
Longmire Community	Canal Road
Yelm City Park	Mosman Avenue
Yelm Skate Park	1 st Street
Transportation	Location
Streetlights	Varies
Arterials	Varies
Collectors	Varies
Local Access	Varies
Water	Location
Well #1	2nd Avenue
Well #2	2nd Avenue

Well #3 SW Yelm 1A Reservoir #1 Reservoir #2 Reservoir #3 SW Yelm Reservoir 1	100th Street Tahoma Blvd 2nd Avenue Baker Hill Rhoton Road Tahoma Blvd
Sewer	Location
Water Reclamation Facility Force main sewer lines	NP Road Varies
General Government	Location
Yelm City Hall Yelm Public Works Shop Public Safety Building Yelm Community Center	Yelm Avenue Rhoton Road McKenzie Street 2 nd Avenue