



COUNTY COMMISSIONERS

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**COMMUNITY PLANNING &
ECONOMIC DEVELOPMENT DEPARTMENT**

Joshua Cummings, Director

Creating Solutions for Our Future

MEMORANDUM

TO: Thurston County Planning Commission
FROM: Christina Chaput, Sr. Planner
DATE: June 19, 2019
SUBJECT: Capital Improvement Program (Appendix G of Comprehensive Plan) Annual Amendment

Background

The Growth Management Act (GMA) requires the County have a Capital Facilities Chapter as part of its Comprehensive Plan (RCW 36.70A.070). GMA provides statutory requirements for capital facilities, while the Washington Administrative Code (WAC) 365-196-415 and the Growth Management Hearings Board provide guidance to meet the requirements. By planning ahead to determine what its needs are, the County can prioritize projects, coordinate related projects, and be ready to apply for funding. The Capital Facilities Plan (CFP), Chapter 6 of the Comprehensive Plan, can help the county use its limited funding wisely and most efficiently to maximize funding opportunities. The CFP also provides a way for the County to be transparent with its capital improvement planning. The public is informed and has an opportunity to comment on the county's capital improvement plan.

The capital improvement program (CIP) is a component of the CFP. It is a separate document (Appendix G) in the Comprehensive Plan. It includes discussions of the specific public facilities necessary to support development under GMA as well as other public facilities and services that are provided by the County but not "necessary to support development."

The CIP specifies revenues that will finance capital facilities within projected funding capacities. Part of the function of the CIP is to clearly identify sources of public money for such purposes. The CIP incorporates by reference the annual Transportation Improvement Program (TIP). The CIP also, describes where necessary, whether probable funding and other measures fall short of meeting existing needs as determined by the adopted minimum level of service standards. If funding and other measures are found to be insufficient to ensure that new development will be served by adequate facilities, the GMA requires the County take action to ensure that existing identified needs are met.

GMA Requirements

The Growth Management Act (RCW 36.70A) requires planning for capital facilities to:

1. Ensure public facilities necessary to support growth are adequate at the time the development is available for occupancy and use without decreasing current service levels below locally established minimum standards.
2. Requires adoption of a six-year financing program “that will finance . . . capital facilities within projected funding capacities and clearly identifies sources of public money for such purposes.” RCW 36.70A.070(3)(d).

The CIP document fulfills the County’s financial planning responsibilities under the GMA mandate. The CIP maintains consistency with the Comprehensive plan, the Transportation Improvement Program, and the county budget.

Projects listed in CFP are for planning purposes only. All projects listed in the CIP will need future Board approval and where required appropriate permits and SEPA review prior to implementation.

Proposed Capital Improvement Program

Planning for capital facilities is a complex task carried out by each department of the County. It requires an understanding of current conditions relative to future needs, an assessment of various types of capital facilities that could be provided, analysis to identify the most effective and efficient facilities to support the needed service, and addressing how these facilities will be financed. Therefore, the CIP is actually the product of separate but coordinated planning efforts, each focusing on a specific category of facilities. In order to capture the on-going planning efforts annually, Thurston County amends the Capital Improvement Program. Proposed projects and funding sources for this year are summarized in attachment A.

Table 2-2 County Parks, Recreation and Open Space Proposed Project Funding

REVENUES FOR PROJECTS		2020	2021	2022	2023	2024	2025	6-Yr. Total
Fund Source								
Bonds	B	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grants	G	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Parks Impact Fees	I	\$357,500	\$292,500	\$552,500	\$97,500	\$195,000	\$130,000	\$1,625,000
REET (Real Estate Excise Tax)	REET	\$492,500	\$432,500	\$347,500	\$52,500	\$105,000	\$70,000	\$1,500,000
TOTALS		\$850,000	\$725,000	\$900,000	\$150,000	\$300,000	\$200,000	\$3,125,000
EXPENDITURES FOR PROJECTS								
Project Name	Fund Source	2020	2021	2022	2023	2024	2025	6 Yr. Total
Rural Thurston County								
Deschutes Falls Park-Walkway and View Point Improvements	I/REET	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Burfoot Park Restroom Replacement	I/REET	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
Kenneydell Park-Lodge Renovation (Tumwater UGA)	I/REET	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Chehalis Western Trail - BNSF Bridge - Talcott Ridge Dr crossing (Lacey UGA)	I/REET	\$0	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000
Yelm-Tenino Trail restroom - Rainier	I/REET	\$0	\$50,000	\$150,000	\$0	\$0	\$0	\$200,000
Chehalis Western Trail - Culvert Replacement (Chehalis Trail-near Latigo St.)	REET	\$50,000	\$150,000	\$0	\$0	\$0	\$0	\$200,000
Burfoot Park - Level and Grade Lawn Area	REET	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Chehalis Western Trail - 41st Avenue NE Trailhead	I/REET	\$0	\$50,000	\$200,000	\$0	\$0	\$0	\$250,000
Yelm Tenino Trail - Deschutes River Trestle Repair (sub-structure)	REET	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Kenneydell Park -Restroom replacement	I/REET	\$0	\$50,000	\$200,000	\$0	\$0	\$0	\$250,000
Deschutes Falls Park - Parking Expansion	I/REET	\$0	\$0	\$0	\$25,000	\$100,000	0	\$125,000
Frye Cove Park - Lawn Renovation	REET	\$0	\$25,000	\$50,000	\$0	\$0	\$0	\$75,000
Asset Management Implementation	REET	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Parks, Trails and Open Space Acquisition 2020-2021 Program	I/REET	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$50,000
Parks, Trails and Open Space Acquisition 2022-2025 Program	I/REET	\$0	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
Parks Improvements and Development 2020-2021 Program	I/REET	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$50,000
Parks Improvements and Development 2022-2025 Program	I/REET	\$0	\$0	\$25,000	\$100,000	\$175,000	\$175,000	\$475,000
TOTALS		\$850,000	\$725,000	\$900,000	\$150,000	\$300,000	\$200,000	\$3,125,000

Table 3-2 Solid Waste Proposed Capital Projects and Funding

Projects	Fund Source	2020	2021	2022	2023	2024	2025	6-Yr. Total
REVENUES FOR PROJECTS								
Solid Waste Tipping Fees, Rates and Charges	SWTF	\$3,016,000	\$772,500	\$7,105,500	\$6,457,500	\$1,982,500	\$100,000	\$19,434,000
Post Closure Reserve	PCR	\$1,369,000	\$1,802,500	\$2,500	\$27,500	\$652,500	\$0	\$3,854,000
TOTALS		\$4,385,000	\$2,575,000	\$7,108,000	\$6,485,000	\$2,635,000	\$100,000	\$23,288,000
EXPENDITURES FOR PROJECTS								
Project Name	Fund Source	2020	2021	2022	2023	2024	2025	6 Yr. Total
City of Lacey Urban Growth Area (WARC)								
Closed Landfill–Flare Station and SCADA System Replacement	PCR	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
WARC–Pump Station 002 Repairs, Upgrade, and SCADA Control (near transfer station)	SWTF	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000
Closed Landfill–Leachate Lagoon Outlet 001 Station Upgrade and SCADA Control	PCR	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000
WARC/Closed Landfill–Pump Station 003 Replacement and SCADA Control (SW corner of site)	SWTF/PCR	\$560,000	\$0	\$0	\$0	\$0	\$0	\$560,000
WARC–Differential Settlement General Repair (roadways, parking areas, Dog Park, gravel pads, etc.)	SWTF	\$100,000	\$150,000	\$150,000	\$150,000	\$0	\$0	\$550,000
Closed Landfill–Differential Settlement General Repair (cover, drainage, ditches, piping systems)	PCR	\$150,000	\$0	\$0	\$0	\$150,000	\$0	\$300,000
Closed Landfill–Completion of Landfill Cover on Southern Slope of 70-acre Cell (north side of Lakeside's asphalt pile)	PCR	\$200,000	\$1,800,000	\$0	\$0	\$0	\$0	\$2,000,000
WARC–Relocation of Public Tipping Area (PTA) with New Scales and Scalehouses	SWTF	\$100,000	\$200,000	\$6,000,000	\$1,000,000	\$0	\$0	\$7,300,000
WARC–Improve Site Security and Technology Upgrades (lighting, cameras, fencing, access control, communication, network infrastructure, etc.)	SWTF	\$200,000	\$100,000	\$500,000	\$500,000	\$0	\$0	\$1,300,000
Closed Landfill–Sump/Vault Access Hatch and Well Cover Replacement/Retrofit	PCR	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
WARC–Upgrades and Repairs to Electrical Systems and Generators	SWTF	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
WARC–Transfer Station Compactor Overhaul and Maintenance (est. replacement in 2031)	SWTF	\$0	\$0	\$0	\$920,000	\$0	\$40,000	\$960,000
WARC–Consolidated Administration Building	SWTF	\$0	\$0	\$400,000	\$3,800,000	\$1,000,000	\$0	\$5,200,000
WARC/Closed Landfill–Stormwater Pond Pump Station Upgrade and SCADA Control (at lower entrance road)	SWTF/PCR	\$0	\$0	\$0	\$50,000	\$1,000,000	\$0	\$1,050,000
WARC–Transfer Station Lower Bay Upgrades	SWTF	\$0	\$0	\$0	\$0	\$260,000	\$0	\$260,000
Closed Landfill–Transition Pond Pump Station Upgrade and SCADA Control (TriPlex pump station at base of Cell 1)	PCR	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
WARC/Closed Landfill–General Stormwater System Maintenance and Improvements	SWTF/PCR	\$8,000	\$5,000	\$5,000	\$5,000	\$5,000	\$0	\$28,000
WARC–HazoHouse Concrete Floor Joint Sealing	SWTF	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3-2 Soild Waste Proposed Capital Projects and Funding

Projects	Fund Source	2020	2021	2022	2023	2024	2025	6-Yr. Total
WARC–Transfer Station Tipping Floor Resurfacing and Load-Out Chute Repair	SWTF	\$0	\$320,000	\$0	\$0	\$0	\$0	\$320,000
WARC–Water Storage Tank Replacement	SWTF	\$0	\$0	\$53,000	\$0	\$0	\$0	\$53,000
WARC–Remove Transfer Station Sort Line (increase floor capacity)	SWTF	\$0	\$0	\$0	\$0	\$160,000	\$0	\$160,000
WARC–Drop Box Maintenance Program	SWTF	\$0	\$0	\$0	\$0	\$60,000	\$0	\$60,000
Rural Thurston County								
Rainier Drop-Box Facility–Renovation, Security and Utility Upgrades, and Scale Installation	SWTF	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$1,100,000
Rochester Drop-Box Facility–Renovation, Security and Utility Upgrades, and Scale Installation	SWTF	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$1,100,000
Rainier/Rochester Drop Box Maintenance Program	SWTF	\$0	\$0	\$0	\$60,000	\$0	\$60,000	\$120,000
TOTALS		\$4,385,000	\$2,575,000	\$7,108,000	\$6,485,000	\$2,635,000	\$100,000	\$23,288,000

Attachment A

Table 4-1 Stormwater Proposed Capital Projects and Funding

REVENUES FOR PROJECTS		2020	2021	2022	2023	2024	2025	6-Yr. Total
Fund Source								
Rates	SW Rates	\$ 538,000	\$ 435,000	\$ 965,000	\$ 308,000	\$ 1,487,000	\$ 889,000	\$4,622,000
Grants ¹	G	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
TOTALS		\$ 538,000	\$ 435,000	\$ 965,000	\$ 308,000	\$ 1,487,000	\$ 889,000	\$4,622,000

EXPENDITURES FOR PROJECTS	Fund Source	2020	2021	2022	2023	2024	2025	6 Yr. Total
Project Name								
City of Olympia Urban Growth Area								
Woodard Creek Retrofit - Site 1 ¹	SW Rates	\$347,000						\$347,000
Stuart Place - Conveyance & Treatment	SW Rates				\$60,000	\$294,000		\$354,000
Donelly Drive - Infiltration Gallery	SW Rates					\$332,000	\$265,000	\$597,000
City of Lacey Urban Growth Area								
Woodland Creek Estates	SW Rates	\$1,000						\$1,000
Meadows Subdivision Pond 4C Retrofit	SW Rates		\$141,000	\$232,000				\$373,000
Sherwood Fires - Phase II	SW Rates				\$58,000	\$370,000		\$428,000
City of Tumwater Urban Growth Area								
None								\$0
City of Yelm Urban Growth Area								
None								\$0
Grand Mound Urban Growth Area								
None								\$0
Rural Thurston County and/or Not Limited to one UGA								
Albany Street Stormwater Pond Retrofit	SW Rates	\$10,000						\$10,000
Boston Harbor Road NE Outfall Replacement	SW Rates	\$100,000						\$100,000
Woodard Creek Retrofit - Site 2	SW Rates	\$10,000						\$10,000
Woodard Creek Retrofit - Site 4	SW Rates	\$10,000						\$10,000
Manzanita Road Conveyance	SW Rates	\$10,000						\$10,000
Madrona Beach Road NW Vic. Retrofits	SW Rates		\$95,000	\$220,000				\$315,000
Lemon Road Pond	SW Rates		\$84,000	\$321,000				\$405,000
Littlerock Area Stormwater Retrofit	SW Rates		\$65,000	\$142,000				\$207,000
Fairground LID Demonstration Project	SW Rates				\$90,000	\$201,000		\$291,000
Cedar Shores Retrofit ²	SW Rates				\$50,000	\$135,000		\$185,000
Boston Harbor Boat Launch	SW Rates					\$105,000	\$240,000	\$345,000
Cedar Flats Rd. @ Swift Creek - Culvert ³	SW Rates						\$284,000	\$284,000
Land Acquisition/Conservation	SW Rates	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Stormwater Facility Improvement Program	SW Rates						\$50,000	\$50,000
TOTALS		\$538,000	\$435,000	\$965,000	\$308,000	\$1,487,000	\$889,000	\$4,622,000

NOTES:

¹ Includes grants currently awarded or a reasonable assurance of award.

² This project may be contingent on negotiated cost sharing between the county and local Homeowners Association.

³ Joint Stormwater Utility & Public Works Project - Only SSWU costs shown.

⁴ Assumes that the rates now in effect for 2019 will remain the same for years 2020 through 2025.

Attachment A

Table 5-2 Transportation Proposed Projects and Funding

REVENUES FOR PROJECTS	Fund Source	2020	2021	2022	2023	2024	2025	6-Yr. Total
REAL ESTATE EXCISE TAX	REET	\$2,914,500	\$4,290,000	\$2,010,000	\$2,000,000	\$2,000,000	\$2,000,000	\$15,214,500
GRANTS COMMITTED	GC	\$6,153,467	\$6,204,235	\$454,000	\$1,170,000	\$0	\$0	\$13,981,702
GRANTS NON-COMMITTED	GN							
COUNTY ROADS FUND	L	\$1,491,900	\$2,808,552	\$408,000	\$490,000	\$300,000	\$960,000	\$6,458,452
TRAFFIC IMPACT FEES	I	\$875,000	\$800,000	\$1,600,000	\$0	\$0	\$0	\$3,275,000
PARKS IMPACT FEES	P	\$0		\$10,000	\$0	\$0	\$0	\$10,000
OTHER (DEVELOPER, OTHER AGENCY, OR BOND)	O	\$3,117,837	\$930,000	\$500,000	\$0	\$0	\$0	\$4,547,837
TOTALS		\$14,552,704	\$15,032,787	\$4,982,000	\$3,660,000	\$2,300,000	\$2,960,000	\$43,487,491

PROJECTS	Fund Source	2020	2021	2022	2023	2024	2025	6-Yr. Total
City of Olympia Urban Growth Area								
Mud Bay Road & Evergreen Parkway intersection improvements	L	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
French Rd NW Culvert	L	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Yelm Hwy SE and Pacific Ave SE Ped Improvements, Phase 2	L	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Cooper Point Rd and Kaiser Rd Intersection	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
OLYMPIA UGA TOTAL		\$100,000	\$0	\$0	\$100,000	\$0	\$50,000	\$250,000
City of Lacey Urban Growth Area								
Yelm Hwy. SE O-12 Bridge Replacement	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Marvin Road Upgrade, Phases 1 & 2 - Pacific Ave/SR 510 to Mullen Rd (61478)	L/I/M	\$350,000	\$350,000	\$2,300,000	\$0	\$0	\$0	\$3,000,000
Steilacoom Road Improvements, Phase 1 (Pacific Ave. to Marvin/SR 510) (61461)	L	\$75,000						\$75,000
Mullen Road Upgrade - (Lacey City Limits to Carpenter Road SE) (61487)	GC/L/I/A	\$6,944,704	\$4,544,787	\$15,000	\$0	\$0	\$0	\$11,504,491
Yelm Hwy SE and Pacific Ave SE Ped Improvements, Phase 1	GC/L	\$80,000	\$85,000	\$460,000	\$10,000	\$0	\$0	\$635,000
Yelm Hwy SE and Meridian Rd SE Intersection Improvements	GC/L/I	\$100,000	\$2,000,000	\$7,000				\$2,107,000
Mullen Rd. SE Overheight Warning System	L	\$0	\$0	\$0	\$0	\$0	\$60,000	\$60,000
Olympic View Elementary pedestrian improvements	GC/L	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
Pleasant Glade Elementary pedestrian improvements	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
15th Ave NE Regional (Oly City Limits to Draham St NE)	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000

Attachment A

PROJECTS	Fund Source	2020	2021	2022	2023	2024	2025	6-Yr. Total
Draham Road NE (15th Avenue SE to Carpenter Road SE) Regional	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Pacific Avenue and Steilacoom Road NE Intersection Improvement	L	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Carpenter Rd Barrier	L	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
City of Lacey UGA Totals		\$7,704,704	\$6,979,787	\$2,782,000	\$10,000	\$50,000	\$260,000	\$17,786,491
City of Tumwater Urban Growth Area								
Gate-Belmore Trail Development	I	\$0	\$0	\$10,000	\$0	\$0	\$0	\$10,000
City of Tumwater UGA Totals		\$0	\$0	\$10,000	\$0	\$0	\$0	\$10,000
GRAND MOUND URBAN GROWTH AREA								
Old Highway 99 rural capacity project (SR 12 to south UGA boundary)	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Sargent Road SW urban road upgrade	L	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000
US 12 urban improvements (Old Highway 99 to west UGA boundary)	I/REET/M	\$250,000	\$2,450,000	\$0	\$0	\$0	\$0	\$2,700,000
Elderberry Road upgrade (SR 12 to 196th Avenue)	L	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Grand Mound UGA Totals		\$375,000	\$2,450,000	\$0	\$50,000	\$0	\$50,000	\$2,925,000
RURAL THURSTON COUNTY								
Case Road SW fish barrier removal	GC/REET	\$770,000	\$5,000	\$0	\$0	\$0	\$0	\$775,000
Piessner Rd at Toboton Creek fish barrier removal	REET	\$2,000	\$0	\$0	\$0	\$0	\$0	\$2,000
Vail Rd. SE Improvements, Phase 2. (138th Ave to 153rd Ave.) (61450)	GC/L	\$784,000	\$1,735,000	\$10,000	\$0	\$0	\$0	\$2,529,000
Delphi Rd Upgrade (Phase 3) 32nd Ave to 62nd Ave (61451)	GC/L	\$7,000	\$0	\$0	\$0	\$0	\$0	\$7,000
Littlerock Road SW and 113th Avenue SW bridge & intersection improvements	L	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
McLane Delphi Rd Bridge (MC-8) Replacement	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Old Highway 99 & Tilley Road S Intersection Improvement	I/L	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000
Fish Passage Enhancement Project 2019-2020	REET	\$2,392,500	\$10,000	\$0	\$0	\$0	\$0	\$2,402,500
Johnson Point Rd. NE and Hawks Prairie Rd Intersection Improvements	I/L	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Reeder Road Bridge(R-3) at Beaver Creek	GC/L	\$1,997,500	\$18,000	\$0	\$0	\$0	\$0	\$2,015,500
2018 Highway Safety Improvement Project	GC/L	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
188th Ave and Moon Rd Intersection	L	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
2019 Highway Safety Improvement Project	GN	\$0	\$50,000	\$120,000	\$1,300,000	\$0	\$0	\$1,470,000
Rochester Main Street Improvements (US 12)	GN	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Spurgeon Creek at Latigo St and CWT	GC/REET	\$80,000	\$1,735,000	\$10,000	\$0	\$0	\$0	\$1,825,000
Littlerock Rd near Sargent Rd Culvert	L	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Tilley Rd Bridge T-2	L	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Boston Harbor Rd NE Culvert (Adams Creek)	L	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000

Attachment A

PROJECTS	Fund Source	2020	2021	2022	2023	2024	2025	6-Yr. Total
Scott Creek Dr SW Culvert	L	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Yelm Hwy at Spurgeon Creek Rd SE	L	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Mclane Delphi Rd Bridge (MC-7) Replacement	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Yelm Hwy Capacity Project 4 - Corridor Improvements	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
183rd Ave - US 12 to Old Hwy 99	L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
RURAL THURSTON COUNTY TOTAL		\$6,323,000	\$3,553,000	\$140,000	\$1,450,000	\$200,000	\$200,000	\$11,866,000
PROGRAMS								
Bridge Program	GN/L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
County Road Safety Improvement Program	GN/L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Culvert Program	GN/L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Fish Passage Enhancement Program	REET	\$0	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000
Road Capacity Program (TIF)	GN/L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Road Preservation Program	GN/L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Safe Routes to Schools Program	GN/L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Thurston County Americans With Disability Act (ADA) Improvement 2019-2020 Program (61495)	L	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Thurston County Americans With Disability Act (ADA) Improvement 2021-2025 Program (61495)	L	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Thurston County Bicycle and Pedestrian Program	GN/L	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
PROGRAMS TOTAL		\$50,000	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$2,400,000	\$10,650,000
TOTALS		\$14,552,704	\$15,032,787	\$4,982,000	\$3,660,000	\$2,300,000	\$2,960,000	\$43,487,491

Attachment A

Table 6-2 Water and Sewer Proposed Capital Projects and Funding

REVENUES FOR PROJECTS	FUND SOURCE	2020	2021	2022	2023	2024	2025	6-Yr. Total
Real Estate Excise Tax	REET	\$ 184,000	\$ 1,720,000	\$ 1,020,000	\$ 160,000	\$ 220,000	\$ -	\$ 3,304,000
Utility Revenue	UR	476,000	845,000	1,710,000	3,025,000	845,000	685,000	7,586,000
Grants	G	-	-	-	-	-	-	-
Unfunded Projects	UF	-	210,000	-	215,000	785,000	435,000	1,645,000
TOTALS		\$ 660,000	\$ 2,775,000	\$ 2,730,000	\$ 3,400,000	\$ 1,850,000	\$ 1,120,000	\$ 12,535,000
PROJECTS	FUND SOURCE	2020	2021	2022	2023	2024	2025	6-Yr. Total
General Water/Sewer Utility Projects								
Asset Management Plan	REET/UR	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
SCADA Control System Evaluation/Upgrades	UR	-	50,000	150,000	-	-	-	200,000
SUB-TOTALS		\$ 200,000	\$ 50,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 400,000
Grand Mound Urban Growth Area								
Grand Mound SCADA Communications Upgrade	UR	20,000	-	-	-	-	-	20,000
Grand Mound Water Second Reservoir	REET/UR	20,000	-	-	-	-	-	20,000
Grand Mound New Water Sources	UR	-	135,000	80,000	700,000	20,000	-	935,000
Grand Mound Wastewater Treatment Plant Second Oxidation Ditch	REET/UR	-	-	250,000	1,800,000	-	-	2,050,000
Grand Mound Wastewater Treatment Plant Expansion for Class A Reclamation	REET	50,000	1,660,000	540,000	-	-	-	2,250,000
Grand Mound Wastewater Treatment Plant Improvements - Clarifier #2	UR	15,000	60,000	-	-	-	-	75,000
Grand Mound Odor Mitigation Upgrade at the North Vac Station	UR	10,000	20,000	-	-	-	-	30,000
Grand Mound Way Watermain Loop	UR	-	220,000	780,000	-	-	-	1,000,000
Grand Mound 2019-2020 Water Infrastructure Improvement Program	UR	40,000	-	-	-	-	-	40,000
Grand Mound 2021-2025 Water Infrastructure Improvement Program	UR	-	80,000	120,000	60,000	440,000	140,000	840,000
Grand Mound 2019-2020 Sewer Infrastructure Improvement Program	UR	80,000	-	-	-	-	-	80,000
Grand Mound 2021-2025 Sewer Infrastructure Improvement Program	UR	-	80,000	120,000	140,000	240,000	280,000	860,000
SUB-TOTALS		\$235,000	\$2,255,000	\$1,890,000	\$2,700,000	\$700,000	\$420,000	\$ 8,200,000
Rural Thurston County								
Tamoshan								
Tamoshan Watermain Replacement (Ravine)	REET	-	-	50,000	-	-	-	50,000
Tamoshan 63rd Ave AC Pipe Watermain Replacement	REET	-	-	-	40,000	200,000	-	240,000
Tamoshan Water Treatment Unit Process Assessment/Upgrade	REET	-	-	40,000	120,000	20,000	-	180,000
Tamoshan/Beverly Beach Intertie	REET	-	60,000	140,000	-	-	-	200,000
Tamoshan 2019-2020 Water Infrastructure Improvement Program	UR	20,000	-	-	-	-	-	20,000
Tamoshan 2021-2025 Water Infrastructure Improvement Program	UR	-	60,000	140,000	140,000	200,000	60,000	600,000
Tamoshan 2019-2020 Sewer Infrastructure Improvement Program	UR	50,000	-	-	-	-	-	50,000
Tamoshan 2021-2025 Sewer Infrastructure Improvement Program	UR	-	170,000	190,000	120,000	160,000	170,000	810,000

Attachment A

PROJECTS	FUND SOURCE	2020	2021	2022	2023	2024	2025	6-Yr. Total
SUB-TOTALS		\$70,000	\$290,000	\$560,000	\$420,000	\$580,000	\$230,000	\$ 2,150,000
Boston Harbor								
Boston Harbor Wastewater Treatment Plant Electrical Upgrade	UR	90,000	-	-	-	-	-	90,000
Boston Harbor Wastewater Treatment Plant Generator Replacement	UR	5,000	-	-	-	-	-	5,000
Boston Harbor 2019-2020 Water Infrastructure Improvement Program	UR	20,000	-	-	-	-	-	20,000
Boston Harbor 2021-2025 Water Infrastructure Improvement Program	UR	-	40,000	50,000	140,000	280,000	200,000	710,000
Boston Harbor 2019-2020 Sewer Infrastructure Improvement Program	UR	40,000	-	-	-	-	-	40,000
Boston Harbor 2021-2025 Sewer Infrastructure Improvement Program	UR	-	120,000	60,000	120,000	270,000	250,000	820,000
SUB-TOTALS		\$155,000	\$160,000	\$110,000	\$260,000	\$550,000	\$450,000	\$ 1,685,000
Olympic View								
Olympic View 2019-2020 Sewer Infrastructure Improvement Program	UR	-	-	-	-	-	-	-
Olympic View 2021-2025 Sewer Infrastructure Improvement Program	UR	-	20,000	20,000	20,000	20,000	20,000	100,000
SUB-TOTALS		\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$ 100,000
EXPENDITURE TOTALS								
		\$660,000	\$2,775,000	\$2,730,000	\$3,400,000	\$1,850,000	\$1,120,000	\$12,535,000
DEBT SERVICE AMOUNT								
	<i>Fund Source</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>	<i>2025</i>	<i>Total</i>
20YR LTGO Bond for Grand Mound		\$0	\$0	\$0	\$0	\$0	\$0	\$0
20YR DOE ST REV Tamoshan/Bev Bch		\$78,282	\$34,848	\$0	\$0	\$0	\$0	\$113,130
20YR PWTF LOAN for Grand Mound		\$5,708	\$5,630	\$5,553	\$5,475	\$5,398	\$5,320	\$33,084
20YR DOE Woodland Creek Loan (paid by REET)		\$87,613	\$87,613	\$87,613	\$87,613	\$87,613	\$87,613	\$525,678
Total Debt Service		\$171,603	\$128,091	\$93,166	\$93,088	\$93,011	\$92,933	\$671,892

Table 7-2 General County Buildings Proposed Project and Funding								
Projects	Fund Source	2020	2021	2022	2023	2024	2025	6-Yr. Total
REVENUES FOR PROJECTS								
Central Services Building Reserve	CSRF	2,250,000	2,375,000	860,000	695,000	1,025,000	2,500,000	10,905,000
Councilmanic Bond Proceeds-exist committed revenue	Bond E	6,500,000	7,750,000	1,500,000	750,000	10,000,000	12,000,000	38,500,000
Real Estate Excise Tax (REET)	REET	1,300,000	400,000	0	0	0	0	500,000
Road Fund	Roads	1,375,000	0	0	0	0	0	1,375,000
Councilmanic Bond Proceeds-not committed revenue	Bond F	16,000,000	16,000,000	180,000,000	30,000,000	5,100,000	6,800,000	271,500,000
TOTAL		27,425,000	26,525,000	182,360,000	31,445,000	16,125,000	21,300,000	322,780,000
Lacey Urban Growth Area								
Fairgrounds Building Infrastructure Improvements (25560)	REET	250,000	0	0	0	0	0	250,000
LACEY URBAN GROWTH AREA TOTAL		250,000	0	0	0	0	0	250,000
Lacey/Olympia Urban Growth Area								
Public Health Bldg Improvements (25559)	CSRF	20,000	0	0	0	0	0	20,000
LACEY/OLYMPIA URBAN GROWTH AREA TOTAL		20,000	0	0	0	0	0	20,000
Lacey/Olympia/Tumwater Urban Growth Area								
County-Wide Accessibility Improvements (25590)	REET	200,000	0	0	0	0	0	200,000
Infant-Friendly Workplace Improvements (25592)	REET	50,000	0	0	0	0	0	50,000
Major Maintenance - Special Projects (25999)	CSRF	600,000	600,000	600,000	600,000	600,000	600,000	3,600,000
Sheriff Consolidated Training - Patrol Facility	Bond F	0	0	0	1,800,000	15,300,000	500,000	17,600,000
LACEY/OLYMPIA/TUMWATER URBAN GROWTH AREA TOTAL		850,000	600,000	600,000	2,400,000	15,900,000	1,100,000	21,450,000
Olympia Urban Growth Area								
Courthouse Building #3 Justice Services Space Improvements (25594)	CSRF	250,000	0	0	0	0	0	250,000
Courthouse Building #3 Secured Entrance (25584)	CSRF	25,000	225,000	10,000	0	0	0	260,000
Courthouse Mansard Roof Major Maintenance (25575)	CSRF	0	0	0	0	0	1,500,000	1,500,000
Emergency Services Center HVAC Replacement (25576)	CSRF	450,000	0	0	0	0	0	450,000
Emergency Services Center Roof Replacement (25585)	CSRF	0	0	0	0	10,000	350,000	360,000
Courthouse Bldg #3 Infrastructure Improv (25561)	CSRF	50,000	0	0	0	0	0	50,000

Table 7-2 General County Buildings Proposed Project and Funding								
Projects	Fund Source	2020	2021	2022	2023	2024	2025	6-Yr. Total
Courthouse and Regional Administrative Building (25556)	Bond F	16,000,000	16,000,000	180,000,000	30,000,000	5,000,000	3,000,000	250,000,000
Courthouse Building #4 Infrastructure Improvements (25574)	CSFR	150,000	0	0	0	0	0	150,000
OLYMPIA URBAN GROWTH AREA TOTAL		16,925,000	16,225,000	180,010,000	30,000,000	5,010,000	4,850,000	253,020,000
Rural Thurston County								
County-Wide Energy Efficiency and Savings (25572)	CSRF	50,000	50,000	50,000	50,000	50,000	50,000	300,000
County-Wide Security Improvements (25571)	REET	800,000	400,000	0	0	0	0	1,200,000
Tilley Campus Sand and Material Storage (25567)	Roads	1,080,000	0	0	0	0	0	1,080,000
Tilley Campus South Parking Lot (25603)	Roads	295,000	0	0	0	0	0	295,000
Tilley Campus Water System Improvements (25548)	CSRF	50,000	0	0	0	0	0	50,000
Emergency Management Building E HVAC Improvements	CSRF	150,000	0	0	0	0	0	150,000
RURAL THURSTON COUNTY TOTAL		2,425,000	450,000	50,000	50,000	50,000	50,000	3,075,000
Tumwater Urban Growth Area								
Ferguson Site Development	Bond E	0	0	0	750,000	10,000,000	12,000,000	22,750,000
Family Justice Center Roof Replacement (25586)	CSRF	0	0	0	45,000	365,000	0	410,000
TCCF Generator Access Improvements (25577)	CSRF	150,000	0	0	0	0	0	150,000
CSA Building Remodel (25578)	CSRF	25,000	1,500,000	0	0	0	0	1,525,000
Family Justice Center Delta Controls (25565)	CSRF	0	0	200,000	0	0	0	200,000
Family Justice Center Camera Controls (25537)	CSRF	250,000	0	0	0	0	0	250,000
TCCF Expansion (25FLX)	Bond E	6,500,000	7,750,000	1,500,000	0	0	0	15,750,000
Coroner Air Handler Replacement (25562)	CSRF	30,000	0	0	0	0	0	30,000
Coroner Site Potential Development	Bond F	0	0	0	0	100,000	3,800,000	3,900,000
TUMWATER URBAN GROWTH AREA TOTAL		6,955,000	9,250,000	1,700,000	795,000	10,465,000	15,800,000	44,965,000
TOTALS								
		27,425,000	26,525,000	182,360,000	33,245,000	31,425,000	21,800,000	322,780,000