

FINANCIAL PLAN FOR GENERAL GOVERNMENTAL PROJECTS 2016-2021

REVENUE:	2016	2017	2018	2019	2020	2021	2016-2021
Beginning Fund Balance	\$ 1,099,618	\$ 408,615	\$ 18,283	\$ (258,842)	\$ 65,764	\$ 301,893	\$ 1,099,618
Utility Tax (1.5% of the 6%)	\$ 957,490	\$ 974,533	\$ 1,002,892	\$ 1,031,174	\$ 1,059,531	\$ 1,093,542	\$ 6,119,162
Interest Income	\$ 1,543	\$ 1,025	\$ 745	\$ 558	\$ 823	\$ 1,021	\$ 5,714
Projected Fund Revenues	\$ 2,058,651	\$ 1,384,173	\$ 1,021,920	\$ 772,889	\$ 1,126,118	\$ 1,396,456	\$ 7,224,494
TRANSFERS & OTHER SOURCES							
Grants 1	\$ 344,677	\$ 7,570,000	\$ 2,584,000	\$ 4,000,000	\$ 1,568,000	\$ 500,000	\$ 16,566,677
G.O. Bonds: Non-Voted 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Voted 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loan/Debt Financing 4	\$ 400,000	\$ 150,000	\$ 550,000	\$ 7,400,000	\$ -	\$ -	\$ 8,500,000
Impact/FILO Fees 5	\$ 427,323	\$ 2,190,000	\$ 860,000	\$ 1,500,000	\$ 392,000	\$ 500,000	\$ 5,869,323
Other Sources 6	\$ 40,000	\$ 10,000	\$ 60,000	\$ -	\$ -	\$ -	\$ 110,000
OTC Day Care Lease	\$ 55,223	\$ 55,223	\$ 14,082	\$ -	\$ -	\$ -	\$ 124,528
TOTAL PROJECTED FUNDING	\$ 3,325,874	\$ 11,359,396	\$ 5,090,002	\$ 13,672,889	\$ 3,086,118	\$ 2,396,456	\$ 38,395,022

Project	GENERAL GOVERNMENTAL PROJECTS	PRIOR YRS	6 YEAR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YRS	GRAND TOTAL
1	Golf Course -- Acquisition/Improvement Debt	\$ 5,999,640	\$ 3,113,095	\$ 517,863	\$ 521,113	\$ 518,844	\$ 520,125	\$ 515,225	\$ 519,925	\$ 1,518,000	\$ 10,630,735
2	Tumwater Valley Property and Tumwater Valley Drive Improvements-DEBT	\$ 245,919.00	\$ 81,723	\$ 81,723	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 327,642
3	Tumwater Energy Project - City Facilities Debt Service	\$ 916,201	\$ 94,175	\$ 94,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,010,376
4	Historical Park Trail	\$ 25,550	\$ 263,000	\$ 263,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 288,550
5	Deschutes Valley Trail Construction	\$ 649,573	\$ 7,140,000	\$ 180,000	\$ -	\$ -	\$ 5,000,000	\$ 1,960,000	\$ -	\$ -	\$ 7,789,573
6	Tumwater Hill Trails - Construction	\$ -	\$ 115,000	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,000
7	Parks Commission Funding	\$ -	\$ 240,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ -	\$ 240,000
8	Historic Commission Funding	\$ -	\$ 60,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ 60,000
9	Henderson House/Historic District Improvements	\$ -	\$ 90,000	\$ 10,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000
10	City Operations and Maintenance Facilities Relocation	\$ 201,117	\$ 7,815,000	\$ 15,000	\$ 200,000	\$ 550,000	\$ 6,800,000	\$ 125,000	\$ 125,000	\$ 2,875,000	\$ 10,891,117
11	Trails End Office Building Renovation	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
12	Historic Brewery Redevelopment	\$ -	\$ 7,000,000	\$ -	\$ 7,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,000,000
13	Brewery Open Space Acquisition	\$ 15,000	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 315,000
14	Facility Improvements	\$ -	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
15	Overlook Park Rehabilitation	\$ -	\$ 200,000	\$ 10,000	\$ 190,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
16	Fire Engine 47 Replacement	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000
17	Fire Station Renovations	\$ -	\$ 1,045,000	\$ 500,000	\$ 115,000	\$ 112,000	\$ 109,000	\$ 106,000	\$ 103,000	\$ -	\$ 1,045,000
18	Bush Prairie Park	\$ -	\$ 1,200,000	\$ -	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
19	Deschutes River Flood Reduction and Erosion Study	\$ -	\$ 65,000	\$ -	\$ 40,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 135,000	\$ 200,000
20	City Hall Campus Master Plan Implementation	\$ -	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
21	Union/Calvary Cemetery Fence, Security Irrigation and Other Improvements	\$ -	\$ 362,000	\$ -	\$ 250,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 140,000	\$ 502,000
22	Wayfinding Signage	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
23	Fire Station T-2 - Vehicle Exhaust System	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
24	Gopher Mitigation	\$ 30,000	\$ 3,030,000	\$ 190,000	\$ 200,000	\$ 2,640,000	\$ -	\$ -	\$ -	\$ -	\$ 3,060,000
25	Linwood Avenue Park Improvements	\$ -	\$ 90,000	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000
26	Southwest Tumwater Community Park	\$ -	\$ 3,500,000	\$ -	\$ 2,000,000	\$ -	\$ 500,000	\$ -	\$ 1,000,000	\$ -	\$ 3,500,000
27	Golf Range Building Replacement	\$ -	\$ 250,000	\$ -	\$ 25,000	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
28	Irrigation Control Upgrade	\$ -	\$ 92,000	\$ 92,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92,000
29	Historical Park Big Toy Replacement	\$ -	\$ 120,000	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
GOLF FUND TRANSFER 2015-2016 (See 2015-2016 Budget)			\$ 238,247	\$ 238,247							\$ 238,247
TOTAL GENERAL GOVERNMENTAL PROJECT COSTS			\$ 37,709,240	\$ 2,802,008	\$ 11,341,113	\$ 5,348,844	\$ 13,607,125	\$ 2,784,225	\$ 1,825,925	\$ 4,668,000	\$ 50,460,240

2021 Ending Fund Balance \$ 685,782

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: General Governmental
DEPT: Finance
PROJECT NO.
NEW: No
PRIOR: GG-01

GG-01

PROGRAM TITLE: Golf Course -- Acquisition/Improvement Debt

PROGRAM DESCRIPTION:

This program facilitates a financing plan to pay off the councilmanic debt authorized and issued for the Tumwater Municipal Golf Course. This debt has two components consisting of debt through bond obligations and debt through an interfund loan. The bond debt payments extend through 2025 and the interfund loan payments are estimated to extend through 2024. The bond debt was refinanced in 2011 resulting in a reduction to the annual payments of approximately \$30,000. Total outstanding debt, including debt service, is approximately \$4,781,558 (\$5,820,660-519713-519389). Not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Other	5,999,640	3,113,095	517,863	521,113	518,844	520,125	515,225	519,925	1,518,000	10,630,735
TOTAL EXPENSES	\$ 5,999,640	\$ 3,113,095	\$ 517,863	\$ 521,113	\$ 518,844	\$ 520,125	\$ 515,225	\$ 519,925	\$ 1,518,000	\$ 10,630,735
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact/FILO Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	5,999,640	3,113,095	517,863	521,113	518,844	520,125	515,225	519,925	1,518,000	10,630,735
TOTAL SOURCES	\$ 5,999,640	\$ 3,113,095	\$ 517,863	\$ 521,113	\$ 518,844	\$ 520,125	\$ 515,225	\$ 519,925	\$ 1,518,000	\$ 10,630,735

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: General Governmental
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: GG-02

GG-02

PROGRAM TITLE: Tumwater Valley Property and Tumwater Valley Drive Improvements-DEBT

PROGRAM DESCRIPTION:

The City acquired 27 acres of property along the Deschutes River between M Street and E Street for a total cost of \$326,392. A portion of the property (14.48 acres) is to be used for a regional stormwater facility. The remainder of the property (13.0 acres) will be used for open space and trails. Funding for the stormwater portion of the facility was included in the Storm Drain fund. Funding of \$226,392 for the remaining property was from an interfund loan from the Storm Drain fund. As part of the LOTT Reclaimed Water Line project, Tumwater Valley Drive was resurfaced. The City's participation for this improvement was \$100,000, which was an interfund loan. This item is the debt service payments for the interfund loan.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other (Debt Service)	\$ 245,919	\$ 81,723	\$ 81,723	\$ -	\$ -					\$ 327,642
TOTAL EXPENSES	\$ 245,919	\$ 81,723	\$ 81,723	\$ -	\$ 327,642					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Levy Lid Lift: Voted		\$ -								\$ -
Impact/FILO Fees		\$ -								\$ -
Other		\$ -								\$ -
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	\$ 245,919	\$ 81,723	\$ 81,723	\$ -	\$ 327,642					
TOTAL SOURCES	\$ 245,919	\$ 81,723	\$ 81,723	\$ -	\$ 327,642					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: General Governmental
DEPT: Facilities
PROJECT NO.
NEW: No
PRIOR: GG-24

GG-3

PROGRAM TITLE: Tumwater Energy Project - City Facilities Debt Service

PROGRAM DESCRIPTION:

This project included energy saving improvements at Tumwater City Hall, Library, Old Towne Center, Tumwater Valley Golf Course, North End Fire Station and Headquarters Fire Station. The project was funded from a Department of Commerce Energy Grant, utility incentives and debt financing through Local Funding program administered through the state treasurer. Payments will be offset by energy savings. The project was completed in 2015 and this item is only for the ongoing debt payments which have a 12 year term.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Strategic Plan **PAGE#** 33, 35

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction	885,000									885,000
Equipment										
Other (Debt Payments)	31,201	94,175	94,175							125,376
TOTAL EXPENSES	\$ 916,201	\$ 94,175	\$ 94,175	\$ -	\$ 1,010,376					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan/Debt Financed	885,000									885,000
Impact/FILO Fees										
Other										
Total Outside Sources	\$ 885,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 885,000
Use of Fund Balance	31,201	94,175	94,175	-	-	-	-	-	-	125,376
TOTAL SOURCES	\$ 916,201	\$ 94,175	\$ 94,175	\$ -	\$ 1,010,376					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: General Governmental
DEPT: Parks and Recreation
PROJECT NO.:
NEW: No
PRIOR: GG-26

GG-4

PROGRAM TITLE: Historical Park Trail

PROGRAM DESCRIPTION:

This project constructs a joint use trail through the Tumwater Historical Park to connect to the Deschutes Valley Trail on the south, and the Capitol Lake Interpretive Trail to the north. The project is being funded by a Federal Transportation Alternatives Program grant.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Parks, Recreation & Open Space Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 25,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,550
Land & R-O-W										-
Construction	-	263,000	263,000	-	-					263,000
Equipment										-
Other (Debt Payments)										-
TOTAL EXPENSES	\$ 25,550	\$ 263,000	\$ 263,000	\$ -	\$ 288,550					
Outside Sources of Funds:										
Grants	\$ -	\$ 230,677	\$ 230,677	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 230,677
G.O. Bonds: Non-Voted										-
G.O. Bonds: Voted										-
Loan/Debt Financed										-
Impact/FILO Fees		32,323	32,323	-						32,323
Other										-
Total Outside Sources	\$ -	\$ 263,000	\$ 263,000	\$ -	\$ 263,000					
Use of Fund Balance	25,550	-	-	-	-	-	-	-	-	25,550
TOTAL SOURCES	\$ 25,550	\$ 263,000	\$ 263,000	\$ -	\$ 288,550					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks and Recreation
PROJECT NO.:
NEW: No
PRIOR: GG-03

GG-5

PROGRAM TITLE: Deschutes Valley Trail Construction

PROGRAM DESCRIPTION:

This project includes the construction of a paved walking/bicycling trail connecting Pioneer Park to the Tumwater Historical Park. This project will provide a vital link in the trail from Henderson Boulevard to Historical Park, Capitol Lake, downtown Olympia, and the proposed east-west greenway in Olympia. Project design was completed in 2015. The project has been included for funding in the state Transportation Budget but the funding date is uncertain. Funding is assumed to be available in the State of Washington 2019-2021 biennial budget. Funding is included for right-of-way/easement acquisition in 2016.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 649,573	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 679,573
Land & R-O-W		150,000	150,000							150,000
Construction		6,960,000				5,000,000	1,960,000			6,960,000
Equipment		-								-
Other		-								-
TOTAL EXPENSES	\$ 649,573	\$ 7,140,000	\$ 180,000	\$ -	\$ -	\$ 5,000,000	\$ 1,960,000	\$ -	\$ -	\$ 7,789,573
Outside Sources of Funds:										
Grants	\$ -	\$ 5,568,000	\$ -	\$ -	\$ -	\$ 4,000,000	\$ 1,568,000	\$ -	\$ -	\$ 5,568,000
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
L.I.D.'s										
Impact/FILO Fees		1,572,000	180,000			1,000,000	392,000			1,572,000
Other										
Total Outside Sources	\$ -	\$ 7,140,000	\$ 180,000	\$ -	\$ -	\$ 5,000,000	\$ 1,960,000	\$ -	\$ -	\$ 7,140,000
Use of Fund Balance	649,573	-	-	-	-	-	-	-	-	649,573
TOTAL SOURCES	\$ 649,573	\$ 7,140,000	\$ 180,000	\$ -	\$ -	\$ 5,000,000	\$ 1,960,000	\$ -	\$ -	\$ 7,789,573

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks and Recreation
PROJECT NO.:
NEW: No
PRIOR: GG-21

GG-6

PROGRAM TITLE: Tumwater Hill Trails - Construction

PROGRAM DESCRIPTION:

This project includes the construction of trails on Tumwater Hill to connect up to, improve and expand the existing trails system in the areas of Crosby and Barnes Boulevards on City properties, including those recently acquired by the City.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes

PLAN: Parks, Recreation & Open Space Plan

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction	-	115,000	115,000	-	-	-	-	-	-	115,000
Equipment										
Other (Debt Payments)										
TOTAL EXPENSES	\$ -	\$ 115,000	\$ 115,000	\$ -	\$ 115,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan/Debt Financed										
Impact/FILO Fees		115,000	115,000	-	-	-	-	-	-	115,000
Other										
Total Outside Sources	\$ -	\$ 115,000	\$ 115,000	\$ -	\$ 115,000					
Use of Fund Balance										
TOTAL SOURCES	\$ -	\$ 115,000	\$ 115,000	\$ -	\$ 115,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks & Recreation
PROJECT NO.:
NEW: No
PRIOR: GG-10

GG-7

PROGRAM TITLE: Parks Commission Funding

PROGRAM DESCRIPTION:

Funding allocated to the Parks Board in support of parks, recreation and equipment needs. \$20,000 of the allocated funding is to support items such as park tables, benches, bleachers, fountains, safety and repair issues, special projects and recreation programs/special event needs. \$20,000 of the allocated funding is to support commission designated maintenance projects within the City's parks.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No

PLAN:

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	240,000	40,000	40,000	40,000	40,000	40,000	40,000	-	240,000
TOTAL EXPENSES	\$ -	\$ 240,000	\$ 40,000	\$ -	\$ 240,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact/FILO Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	-	240,000	40,000	40,000	40,000	40,000	40,000	40,000	-	240,000
TOTAL SOURCES	\$ -	\$ 240,000	\$ 40,000	\$ -	\$ 240,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks & Recreation
PROJECT NO.:
NEW: No
PRIOR: GG-11

GG-8

PROGRAM TITLE: Historic Commission Funding

PROGRAM DESCRIPTION:

This funding is available to support Historic Preservation Commission special projects and programs. Not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No

PLAN:

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	60,000	10,000	10,000	10,000	10,000	10,000	10,000	-	60,000
TOTAL EXPENSES	\$ -	\$ 60,000	\$ 10,000	\$ -	\$ 60,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact/FILO Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	-	60,000	10,000	10,000	10,000	10,000	10,000	10,000	-	60,000
TOTAL SOURCES	\$ -	\$ 60,000	\$ 10,000	\$ -	\$ 60,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

GG-9

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks and Recreation
PROJECT NO.:
NEW: No
PRIOR: GG-17

PROGRAM TITLE: Henderson House/Historic District Improvements

PROGRAM DESCRIPTION:

The City was successful in obtaining a Heritage Capitol Project Grant from the State of Washington to make improvements to the Henderson House and the surrounding area in the Historic District. Grant funding includes work for the houses repairs, paint and structural improvements as well as physical improvements to interior spaces and exhibits. Also included are exterior improvements to the landscape, irrigation, access and signage. Historical Commission funds are being dedicated to grant match.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Historic District Master Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	70,000	-	70,000	-	-	-	-	-	70,000
Equipment	-	10,000	-	10,000	-	-	-	-	-	10,000
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 90,000	\$ 10,000	\$ 80,000	\$ -	\$ 90,000				
Outside Sources of Funds:										
Grants	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
Levy Lid Lift Transfer	-	-	-	-	-	-	-	-	-	-
Impact/FILO Fees	-	-	-	-	-	-	-	-	-	-
Other	-	20,000	10,000	10,000	-	-	-	-	-	20,000
Total Outside Sources	\$ -	\$ 70,000	\$ 10,000	\$ 60,000	\$ -	\$ 70,000				
Use of Fund Balance	-	20,000	-	20,000	-	-	-	-	-	20,000
TOTAL SOURCES	\$ -	\$ 90,000	\$ 10,000	\$ 80,000	\$ -	\$ 90,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton/Chuck Denney
FUND: General Governmental and Utility
DEPT: Parks & Recreation / Public Works
PROJECT NO.:
NEW: No
PRIOR: GG-13

GG-10

PROGRAM TITLE: City Operations and Maintenance Facilities Relocation

PROGRAM DESCRIPTION:

This project includes the relocation of the existing Public Works operations and maintenance facilities to a new location. The relocation will provide for a higher and better use of the existing properties occupied by those operations, in order to fully develop the City's Town Center area. Costs will be distributed amongst the users including approximately 25% to General Fund (Street) and 75% to the Water/Sewer/Storm Utilities. Cost distribution is estimated based on allocation of resources between the funds and is subject to reevaluation based on future planning efforts. Approximate land area required = 6 Acres. Facility = 42,000sf. Covered Area = 15,000sf. Project financed over 25 years. Debt service shown on General Fund only. Utility fund debt service shown in Utility CFP's. The \$15K in 2016 is the GG share of Master planning and the \$200K in 2017 is the General Governmental CFP share of cos for the demolition of the existing arena

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Campus Master Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 565,000	\$ 15,000		\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ 565,000
Land & R-O-W	201,117	-								201,117
Construction		7,000,000		200,000		6,800,000				7,000,000
Equipment		-								-
Other (Debt Payments)	-	125,000	-	-	-	-	125,000	125,000	2,875,000	3,000,000
TOTAL EXPENSES	\$ 201,117	\$ 7,690,000	\$ 15,000	\$ 200,000	\$ 550,000	\$ 6,800,000	\$ 125,000	\$ 125,000	\$ 2,875,000	\$ 10,766,117
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
Loan or other DEBT mechanism	-	7,350,000	-	-	550,000	6,800,000	-	-	-	7,350,000
Impact/FILO Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 7,350,000	\$ -	\$ -	\$ 550,000	\$ 6,800,000	\$ -	\$ -	\$ -	\$ 7,350,000
Use of Fund Balance	201,117	340,000	15,000	200,000	-	-	125,000	125,000	2,875,000	3,416,117
TOTAL SOURCES	\$ 201,117	\$ 7,690,000	\$ 15,000	\$ 200,000	\$ 550,000	\$ 6,800,000	\$ 125,000	\$ 125,000	\$ 2,875,000	\$ 10,766,117

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: General Governmental
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

GG-11

PROGRAM TITLE: Trails End Office Building Renovation

PROGRAM DESCRIPTION:

This project will make improvements to the existing office building located on the city's Trails End property as necessary to make the building habitable. The improvements include exterior repairs and painting, HVAC repairs and upgrades, electrical and plumbing repairs, interior painting, minor remodelling to front reception area, interior finish improvements, parking lot improvements and connection to City's fiber optic network. Limited space at City Hall for additional staff may require that this office complex be occupied by City staff.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction	-	200,000	200,000	-	-	-	-	-	-	200,000
Equipment										
Other (Debt Payments)										
TOTAL EXPENSES	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ 200,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan/Debt Financed										
Impact/FILO Fees										
Other										
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	-	200,000	200,000	-	-	-	-	-	-	200,000
TOTAL SOURCES	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ 200,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: John Doan
FUND: General Governmental
DEPT: Exec
PROJECT NO.:
NEW: No
PRIOR: GG-07

GG-12

PROGRAM TITLE: Historic Brewery Redevelopment

PROGRAM DESCRIPTION:

This project is to participate with the property owner, other stakeholders, and funders to preserve, restore, and reuse the historic brewhouse tower. This proposal assumes no City financial contribution. Funding includes \$6,000,000 for Historic Tower acquisition and development and \$1,000,000 for utilities to serve the site.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W		7,000,000		7,000,000						7,000,000
Construction		-		-						-
Equipment		-		-						-
Other		-		-						-
TOTAL EXPENSES	\$ -	\$ 7,000,000	\$ -	\$ 7,000,000	\$ -	\$ 7,000,000				
Outside Sources of Funds:										
Grants	\$ -	\$ 7,000,000		\$ 7,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,000,000
G.O. Bonds: Non-Voted		-		-						-
G.O. Bonds: Voted		-		-						-
L.I.D.'s		-		-						-
Impact/FILO Fees		-		-						-
Other		-		-						-
Total Outside Sources	\$ -	\$ 7,000,000	\$ -	\$ 7,000,000	\$ -	\$ 7,000,000				
Use of Fund Balance		-		-						-
TOTAL SOURCES	\$ -	\$ 7,000,000	\$ -	\$ 7,000,000	\$ -	\$ 7,000,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: John Doan
FUND: General Governmental
DEPT: Exec
PROJECT NO.:
NEW: No
PRIOR: GG-08

GG-13

PROGRAM TITLE: Brewery Open Space Acquisition

PROGRAM DESCRIPTION:

This project includes the acquisition of the open space areas adjacent to the Historic Brewhouse for public purposes. Project is dependent on receipt of grant funding. In 2015 the City did receive Thurston County Conservation Futures for acquisition of a trail easement across the historic brewhouse property. Not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W	15,000	300,000	-	300,000	-	-	-	-	-	315,000
Construction	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ 15,000	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ 315,000				
Outside Sources of Funds:										
Grants	\$ -	\$ 300,000	-	300,000	-	-	-	-	-	300,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact/FILO Fees	-	-	-	-	-	-	-	-	-	-
Other	15,000	-	-	-	-	-	-	-	-	15,000
Total Outside Sources	\$ 15,000	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ 315,000				
Use of Fund Balance	-	-	-	-	-	-	-	-	-	-
TOTAL SOURCES	\$ 15,000	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ 315,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Facilities
PROJECT NO.:
NEW: No
PRIOR: GG-25

GG-14

PROGRAM TITLE: Facility Improvements

PROGRAM DESCRIPTION:

This project provides funding for improvements and repairs to City Facilities and equipment. Project needs exceed funding available and projects will be prioritized to make the best use of the funds.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes

PLAN: Strategic Plan

PAGE# 35

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction	-	30,000	30,000	-	-	-	-	-	-	30,000
Equipment										
Other (Debt Payments)										
TOTAL EXPENSES	\$ -	\$ 30,000	\$ 30,000	\$ -	\$ 30,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan/Debt Financed										
Impact/FILO Fees										
Other										
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	-	30,000	30,000	-	-	-	-	-	-	30,000
TOTAL SOURCES	\$ -	\$ 30,000	\$ 30,000	\$ -	\$ 30,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks & Recreation
PROJECT NO.:
NEW: Yes
PRIOR:

GG-15

PROGRAM TITLE: Overlook Park Rehabilitation

PROGRAM DESCRIPTION:

Overlook Park, located on Tumwater Hill, was provided to the City through mitigation for development. The initial park development did not include irrigation, plantings/landscaping or a design for efficient maintenance practices. The area surrounding the park is now developed with new homes and landscaped property. The housing development highlights the fact that the park is severely lacking in quality and care. This request includes removing non-native and invasive plants, installation of irrigation, installation of native plants on slopes and borders, replacement of failing wood railings, installation of a sidewalk on the south side of the park, benches and interpretive signage. Completion of this park will better serve the growth that has occurred on Tumwater Hill.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Parks, Recreation & Open Space Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	190,000	-	190,000	-	-	-	-	-	190,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 200,000	\$ 10,000	\$ 190,000	\$ -	\$ 200,000				
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact/FILO Fees	-	200,000	10,000	190,000	-	-	-	-	-	200,000
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 200,000	\$ 10,000	\$ 190,000	\$ -	\$ 200,000				
Use of Fund Balance	-	-	-	-	-	-	-	-	-	-
TOTAL SOURCES	\$ -	\$ 200,000	\$ 10,000	\$ 190,000	\$ -	\$ 200,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Scott LaVielle
FUND: General Governmental
DEPT: Fire
PROJECT NO.:
NEW: Yes
PRIOR:

GG-16

PROGRAM TITLE: Fire Engine 47 Replacement

PROGRAM DESCRIPTION:

Engine 47 was placed in service in 2000. Normally lead engines are replaced every ten years. With the "Promises made Promises Kept" Levy we were able to purchase a new engine which was placed in service in 2012. Because of low mileage and reduced staffing at Station T-2, we have been able to sustain the life of Engine 47 and now project a new engine to be purchased by 2019.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Emergency Services Levy **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Voted	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Levy Lid Lift Transfer	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000
Impact/FILO Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Outside Sources	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000
Use of Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL SOURCES	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Scott LaVielle
FUND: General Governmental
DEPT: Fire
PROJECT NO.:
NEW: No
PRIOR: GG-14

GG-17

PROGRAM TITLE: Fire Station Renovations

PROGRAM DESCRIPTION:

This project includes the replacement of the roof on Station T-1, siding replacement/repairs on T-2 and other necessary facility renovations that have been identified by fire department staff and facilities personnel. Construction will be financed thru an interfund loan..

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction		500,000	500,000							500,000
Equipment										
Other (Debt Service)		545,000		115,000	112,000	109,000	106,000	103,000		545,000
TOTAL EXPENSES	\$ -	\$ 1,045,000	\$ 500,000	\$ 115,000	\$ 112,000	\$ 109,000	\$ 106,000	\$ 103,000	\$ -	\$ 1,045,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan or othe Debt Financing		400,000	400,000							400,000
Impact/FILO Fees										
Other										
Total Outside Sources	\$ -	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ 400,000				
Use of Fund Balance	-	645,000	100,000	115,000	112,000	109,000	106,000	103,000	-	645,000
TOTAL SOURCES	\$ -	\$ 1,045,000	\$ 500,000	\$ 115,000	\$ 112,000	\$ 109,000	\$ 106,000	\$ 103,000	\$ -	\$ 1,045,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks & Recreation
PROJECT NO.:
NEW: Yes
PRIOR:

GG-18

PROGRAM TITLE: Bush Prairie Park

PROGRAM DESCRIPTION:

Project includes the design and construction of a neighborhood park on the Citys Trails End property.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Land & R-O-W		-								-
Construction		1,000,000			1,000,000					1,000,000
Equipment		-								-
Other		-								-
TOTAL EXPENSES	\$ -	\$ 1,200,000	\$ -	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
L.I.D.'s										
Impact/FILO Fees		800,000			800,000					800,000
Other		-								-
Total Outside Sources	\$ -	\$ 800,000	\$ -	\$ -	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000
Use of Fund Balance		400,000			400,000					400,000
TOTAL SOURCES	\$ -	\$ 1,200,000	\$ -	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: General Governmental
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: GG-05

GG-19

PROGRAM TITLE: Deschutes River Flood Reduction and Erosion Study

PROGRAM DESCRIPTION:

This project supports a study to develop solutions to flooding and erosion problems along the lower Deschutes River between the Tumwater Falls Park and Henderson Boulevard. The study includes work to describe existing conditions and the critical factors contributing to flooding and erosion problems; identification, evaluation and comparison of conceptual alternatives to reduce or eliminate flooding and erosion; identification of required permit actions; and development of preliminary engineering drawings and cost estimates for the preferred alternative. The funding identified is for the initial phase of the work in support of the Brewery Property Visioning project. The City will be partnering with LOTT as they begin their Master Plan process for their property in the valley.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 65,000		\$ 40,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 135,000	\$ 200,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 65,000	\$ -	\$ 40,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 135,000	\$ 200,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact/FILO Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	-	65,000	-	40,000	25,000	-	-	-	135,000	200,000
TOTAL SOURCES	\$ -	\$ 65,000	\$ -	\$ 40,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 135,000	\$ 200,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: General Governmental
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: GG-16

GG-20

PROGRAM TITLE: City Hall Campus Master Plan Implementation

PROGRAM DESCRIPTION:

This project provides funding to begin implementation of the City Hall Campus Master Plan that was completed in 2014. Funding is identified in 2017 in order to implement projects identified in the plan. Potential projects include stormwater and landscape upgrades and renovation; parking lot improvements and roadway and access improvements to connect to the Tumwater Town Center.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Campus Master Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction		250,000		250,000						250,000
Equipment										
Other										
TOTAL EXPENSES	\$ -	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ 250,000				
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Levy Lid Lift Transfer										
Impact/FILO Fees										
Other										
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance		250,000		250,000						250,000
TOTAL SOURCES	\$ -	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ 250,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks & Recreation
PROJECT NO.:
NEW: No
PRIOR: GG-18

GG-21

PROGRAM TITLE: Union/Calvary Cemetery Fence, Security Irrigation and Other Improvements

PROGRAM DESCRIPTION:

Construction of a fence surrounding the City's Union/Calvary Historic Cemetery according to the adopted Cemetery Master Plan. This project would develop a 6-foot, black, chain link fence on the west and north sides of the property with one access gate. The fencing at the front, or east side of the cemetery, which faces Littlerock Road, will be constructed with brick columns and metal fencing similar to wrought iron. The project also includes irrigation, security lighting, limited parking improvements and signage. The cost estimate does not include archeological work. This has been a Historic Commission priority project to secure the facility for many years. Not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Union/Calvary Cemetery Master Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	250,000	-	250,000	-	-	-	-	-	250,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other (Debt Payments)	-	112,000	-	-	28,000	28,000	28,000	28,000	140,000	252,000
TOTAL EXPENSES	\$ -	\$ 362,000	\$ -	\$ 250,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 140,000	\$ 502,000
Outside Sources of Funds:										
Grants	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
Loan/Debt Financed	-	150,000	-	150,000	-	-	-	-	-	150,000
Impact/FILO Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ 250,000				
Use of Fund Balance	-	112,000	-	-	28,000	28,000	28,000	28,000	140,000	252,000
TOTAL SOURCES	\$ -	\$ 362,000	\$ -	\$ 250,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 140,000	\$ 502,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Mike Matlock
FUND: General Governmental
DEPT: Community Development
PROJECT NO.
NEW: No
PRIOR: GG-19

GG-22

PROGRAM TITLE: Wayfinding Signage

PROGRAM DESCRIPTION:

This project begins implementation of the City's Wayfinding Signage Plan by installing wayfinding signs in a selected area of the City.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Wayfinding Signage Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction	-	25,000	25,000	-	-	-	-	-	-	25,000
Equipment										
Other (Debt Payments)										
TOTAL EXPENSES	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ 25,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan/Debt Financed										
Impact/FILO Fees										
Other										
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	-	25,000	25,000	-	-	-	-	-	-	25,000
TOTAL SOURCES	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ 25,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Scott LaVielle
FUND: General Governmental
DEPT: Fire
PROJECT NO.:
NEW: Yes
PRIOR:

GG-23

PROGRAM TITLE: Fire Station T-2 - Vehicle Exhaust System

PROGRAM DESCRIPTION:

This project is for the installation of vehicle exhaust systems in Fire Station T-2. The objective of the proposal is to provide enhanced safety for career and volunteer firefighters. Additionally, other City workers as well as the public who visit the fire station facility for meetings, and other events. The safety enhancements will be attained through the removal of vehicle exhaust and other harmful airborne contaminants. The exhaust system will remove such contaminants through an airtight seal between the apparatus tailpipe and the exhaust extraction systems.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Equipment	-	100,000	100,000	-	-	-	-	-	-	100,000
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
Levy Lid Lift: Voted	-	-	-	-	-	-	-	-	-	-
Impact/FILO Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	-	100,000	100,000	-	-	-	-	-	-	100,000
TOTAL SOURCES	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Facilities
PROJECT NO.:
NEW: Yes
PRIOR:

GG-24

PROGRAM TITLE: Gopher Mitigation

PROGRAM DESCRIPTION:

This project includes the development of a Habitat Conservation Plan and future acquisition of property for mitigation of mazama pocket gopher habitat impacted by development within the City. The scope of the mitigation required will be better defined with the completion of the City's Habitat Conservation Plan. A federal grant has been received for Phase 1 of the HCP development.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No*

PLAN: *Will be part of HCP, when completed.

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 30,000	\$ 530,000	\$ 190,000	\$ 200,000	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 560,000
Land & R-O-W		2,500,000			2,500,000					2,500,000
Construction	-	-	-	-	-					-
Equipment		-								-
Other (Debt Payments)		-								-
TOTAL EXPENSES	\$ 30,000	\$ 3,030,000	\$ 190,000	\$ 200,000	\$ 2,640,000	\$ -	\$ -	\$ -	\$ -	\$ 3,060,000
Outside Sources of Funds:										
Grants	\$ 18,000	\$ 2,818,000	\$ 114,000	\$ 120,000	\$ 2,584,000	\$ -	\$ -	\$ -	\$ -	\$ 2,836,000
G.O. Bonds: Non-Voted		-								-
G.O. Bonds: Voted		-								-
Loan/Debt Financed		-								-
Impact/FILO Fees		-								-
Other		30,000	30,000	-						30,000
Total Outside Sources	\$ 18,000	\$ 2,848,000	\$ 144,000	\$ 120,000	\$ 2,584,000	\$ -	\$ -	\$ -	\$ -	\$ 2,866,000
Use of Fund Balance	12,000	182,000	46,000	80,000	56,000	-	-	-	-	194,000
TOTAL SOURCES	\$ 30,000	\$ 3,030,000	\$ 190,000	\$ 200,000	\$ 2,640,000	\$ -	\$ -	\$ -	\$ -	\$ 3,060,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Facilities
PROJECT NO.:
NEW: Yes
PRIOR:

GG-25

PROGRAM TITLE: Linwood Avenue Park Improvements

PROGRAM DESCRIPTION:

This project would make improvements to the City owned property on Linwood Avenue. This property includes a regional stormwater facility but also includes a barn structure and additional land that could be used for other uses. Improvements to the property, in order to make it useable for other uses, include reroofing the barn and connection to water and power. Potential future uses include parks and recreation, trails, potential future shelter location and GRUB Garden.

IS PROJECT RECOMMENDED BY PLAN/POLICY?

PLAN:

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction	-	90,000	90,000	-	-	-	-	-	-	90,000
Equipment										
Other (Debt Payments)										
TOTAL EXPENSES	\$ -	\$ 90,000	\$ 90,000	\$ -	\$ 90,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan/Debt Financed										
Impact/FILO Fees		90,000	90,000							90,000
Other										
Total Outside Sources	\$ -	\$ 90,000	\$ 90,000	\$ -	\$ 90,000					
Use of Fund Balance	-	-	-	-	-	-	-	-	-	-
TOTAL SOURCES	\$ -	\$ 90,000	\$ 90,000	\$ -	\$ 90,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks & Recreation
PROJECT NO.:
NEW: Yes
PRIOR:

GG-26

PROGRAM TITLE: Southwest Tumwater Community Park

PROGRAM DESCRIPTION:

The purchase of Tumwater's next community park has been planned since the adoption of the 1994 Parks, Recreation and Open Space Plan and is scheduled to be located near Black Hills High School. (This park is identified as the "AG West Black Lake HS Addtn." in the Parks Plan.) This project includes park property purchase (40+ acres) and development. The development may include athletic fields, skate park, picnic shelter(s), play structures, trails, interpretive areas and/or other items to be determined through the public planning process. The City's other active community park - Pioneer Park - is complete and at or over capacity during the high-use season. PARK IMPACT FEES = IMPACT/FILO FEES SOURCE. Project would serve both existing and growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Parks, Recreation & Open Space Plan **PAGE#** 18

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000
Land & R-O-W		2,000,000	-	2,000,000						2,000,000
Construction		1,000,000						1,000,000		1,000,000
Equipment		-								-
Other		-								-
TOTAL EXPENSES	\$ -	\$ 3,500,000	\$ -	\$ 2,000,000	\$ -	\$ 500,000	\$ -	\$ 1,000,000	\$ -	\$ 3,500,000
Outside Sources of Funds:										
Grants	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ 500,000
G.O. Bonds: Non-Voted		-								-
G.O. Bonds: Voted		-								-
L.I.D.'s		-								-
Impact/FILO Fees		3,000,000		2,000,000		500,000		500,000		3,000,000
Other		-								-
Total Outside Sources	\$ -	\$ 3,500,000	\$ -	\$ 2,000,000	\$ -	\$ 500,000	\$ -	\$ 1,000,000	\$ -	\$ 3,500,000
Use of Fund Balance	-	-	-	-	-	-	-	-	-	-
TOTAL SOURCES	\$ -	\$ 3,500,000	\$ -	\$ 2,000,000	\$ -	\$ 500,000	\$ -	\$ 1,000,000	\$ -	\$ 3,500,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks and Recreation
PROJECT NO.:
NEW: Yes
PRIOR:

GG-27

PROGRAM TITLE: Golf Range Building Replacement

PROGRAM DESCRIPTION:

The existing covered hitting and teaching building on the golf course driving range was constructed in 1969 and does not meet current safety standards or provide adequate space for golf practice, instruction and safe operation as a public facility. This project includes the demolition of the existing building/pad and replacement with a multi-use, open-air building. The new building will accommodate public golf practice, group and individual lessons, First Tee programming and will also provide event/stage space for community events that occur on the driving range. These improvements will provide a much needed upgrade to the electrical system in the building, provide a safe and dramatically more user friendly golf practice area and improve the ability for the City to host current and future public events on the driving range. Partial funding would include \$25,000 from Golf Fund; \$10,000 from First Tee and \$25,000 in donations.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Land & R-O-W		-	-							-
Construction	-	225,000			225,000					225,000
Equipment		-								-
Other (Debt Payments)		-								-
TOTAL EXPENSES	\$ -	\$ 250,000	\$ -	\$ 25,000	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan/Debt Financed										
Impact/FILO Fees		60,000	-		60,000					60,000
Other		60,000			60,000					60,000
Total Outside Sources	\$ -	\$ 120,000	\$ -	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Use of Fund Balance	-	130,000	-	25,000	105,000	-	-	-	-	130,000
TOTAL SOURCES	\$ -	\$ 250,000	\$ -	\$ 25,000	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks and Recreation
PROJECT NO.:
NEW: Yes
PRIOR:

GG-28

PROGRAM TITLE: Irrigation Control Upgrade

PROGRAM DESCRIPTION:

This project will upgrade the irrigation systems at our nine developed park facilities, City Hall, Library, Historic Homes and two Fire stations. Existing systems operate independently, are set manually and do not adjust to actual weather patterns. This project will install new electronic control systems at each park and facility and includes the installation of two weather stations (Tumwater Hill and Pioneer Park). The system will track water use, limit system operation during inclement weather and provide data on irrigation operations City-wide. The entire system can be controlled and monitored remotely from the parks office and has the ability to notify staff of system errors and water leaks/pipe breakage. Installation of this new system will dramatically reduce the amount of staff time allocated to visiting each park and facility to monitor and re-set the current manual clocks. The weather stations will also greatly reduce the

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Strategic Plan **PAGE#** 33, 35

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction	-	92,000	92,000	-	-	-	-	-	-	92,000
Equipment										
Other (Debt Payments)										
TOTAL EXPENSES	\$ -	\$ 92,000	\$ 92,000	\$ -	\$ 92,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan/Debt Financed										
Impact/FILO Fees										
Other										
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance		92,000	92,000							92,000
TOTAL SOURCES	\$ -	\$ 92,000	\$ 92,000	\$ -	\$ 92,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Chuck Denney
FUND: General Governmental
DEPT: Parks and Recreation
PROJECT NO.
NEW: Yes
PRIOR:

GG-29

PROGRAM TITLE: Historical Park Big Toy Replacement

PROGRAM DESCRIPTION:

The Historical Park Play structures were donated to the City in an agreement with Big Toy Inc. in 1995. As the City's largest play structure, the toys in Historical Park have been well used and are well past a normal replacement lifespan. The play structures have been repaired, parts replaced and some items have been removed due to age and safety concerns. Replacement parts for the structure are expensive and difficult to obtain due to the age of equipment. As more pieces and play elements fail or pose a safety risk, they will be removed from the park without replacement. This budget item will replace both of the existing play structures in Historical Park (toddler area and youth area) with new, state of the art play structures. It also includes new play surfacing and border material.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction	-	120,000	-	120,000	-	-	-	-	-	120,000
Equipment										
Other (Debt Payments)										
TOTAL EXPENSES	\$ -	\$ 120,000	\$ -	\$ 120,000	\$ -	\$ 120,000				
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
Loan/Debt Financed										
Impact/FILO Fees										
Other										
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance		120,000		120,000						120,000
TOTAL SOURCES	\$ -	\$ 120,000	\$ -	\$ 120,000	\$ -	\$ 120,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-08

ST-01

PROGRAM TITLE: Tumwater Boulevard Southbound I-5 Ramp Improvement

PROGRAM DESCRIPTION:

This project includes the addition of a westbound left-turn lane on Tumwater Boulevard for the southbound I-5 ramp. Project funding will be from SEPA mitigation fees collected from private development. The scope of the project has been revised to include only the work necessary to add the left turn lane in order to mitigate for the Mazama Pocket Gopher.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** 2025 T Plan **PAGE#** 8-6

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 165,000	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 185,000
Land & R-O-W		-	-	-	-	-	-	-	-	-
Construction		800,000	800,000	-	-	-	-	-	-	800,000
Equipment		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ 165,000	\$ 820,000	\$ 820,000	\$ -	\$ 985,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
L.I.D.'s										
Impact Fees										
Mitigation Fees	150,000	820,000	820,000	-	-	-	-	-	-	970,000
Other										
Total Outside Sources	\$ 150,000	\$ 820,000	\$ 820,000	\$ -	\$ 970,000					
Use of Fund Balance	15,000									15,000
TOTAL SOURCES	\$ 165,000	\$ 820,000	\$ 820,000	\$ -	\$ 985,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-09

ST-02

PROGRAM TITLE: Pavement Preservation Program, Including TBD Projects

PROGRAM DESCRIPTION:

This program provides for the preservation of existing City streets including structural repairs, crack sealing, construction of sub-grade and resurfacing by use of asphalt overlay or bituminous surface treatments. The projects may include both City funded projects and Transportation Benefit District projects. TBD projects will be established by the TBD Board on an annual basis. City funding is \$170K annually and the remainder is projected TBD funds.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Strategic Plan & TBD Ordinance **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 270,000	\$ 40,000	\$ 42,000	\$ 44,000	\$ 46,000	\$ 48,000	\$ 50,000	\$ -	\$ 270,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	5,600,000	600,000	950,000	975,000	1,000,000	1,025,000	1,050,000	-	5,600,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 5,870,000	\$ 640,000	\$ 992,000	\$ 1,019,000	\$ 1,046,000	\$ 1,073,000	\$ 1,100,000	\$ -	\$ 5,870,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other (TBD)	-	4,975,000	475,000	850,000	875,000	900,000	925,000	950,000	-	4,975,000
Total Outside Sources	\$ -	\$ 4,975,000	\$ 475,000	\$ 850,000	\$ 875,000	\$ 900,000	\$ 925,000	\$ 950,000	\$ -	\$ 4,975,000
Use of Fund Balance	-	895,000	165,000	142,000	144,000	146,000	148,000	150,000	-	895,000
TOTAL SOURCES	\$ -	\$ 5,870,000	\$ 640,000	\$ 992,000	\$ 1,019,000	\$ 1,046,000	\$ 1,073,000	\$ 1,100,000	\$ -	\$ 5,870,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-02

ST-03

PROGRAM TITLE: Capitol Boulevard Widening - Tumwater Blvd. to 73rd Avenue

PROGRAM DESCRIPTION:

Includes construction of a 2nd southbound through lane, bike lanes, sidewalks, illumination, storm drainage, landscaping and turn lanes/center medians from Tumwater Boulevard to 73rd Avenue. Grant funding has been received from the TIB. Also includes the resurfacing of Capitol Boulevard north to Israel Road. The project has been delayed due to development of mitigation plan for Mazama Pocket Gopher. Right of way acquisition includes acquisition of mitigation property for Mazama Pocket Gopher. Project is due to growth and is impact fee eligible.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** 2025 T Plan **PAGE#** 8-6

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 100,000	\$ 108,108	\$ 108,108	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 208,108
Land & R-O-W		518,320	518,320							518,320
Construction		2,000,000	-	2,000,000						2,000,000
Equipment		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ 100,000	\$ 2,626,428	\$ 626,428	\$ 2,000,000	\$ -	\$ 2,726,428				
Outside Sources of Funds:										
Grants	\$ 65,000	\$ 1,379,661	\$ 407,178	\$ 972,483	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,444,661
G.O. Bonds: Non-Voted		-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted		-	-	-	-	-	-	-	-	-
L.I.D.'s		-	-	-	-	-	-	-	-	-
Impact Fees		1,246,767	219,250	1,027,517						1,246,767
Mitigation Fees		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ 65,000	\$ 2,626,428	\$ 626,428	\$ 2,000,000	\$ -	\$ 2,691,428				
Use of Fund Balance	35,000									35,000
TOTAL SOURCES	\$ 100,000	\$ 2,626,428	\$ 626,428	\$ 2,000,000	\$ -	\$ 2,726,428				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

ST-04

PROGRAM TITLE: Tyee Drive Extension - Pedestrian Overcrossing to Israel

PROGRAM DESCRIPTION:

This project includes the construction of segments of Tyee Drive from the existing southerly end (at the I-5 pedestrian bridge) to Israel Road, including a roundabout at Israel Road. City participation includes the northerly 300 feet and the southerly 1500 feet of this segment. The project will be completed in conjunction with pending private development in the area. The initial construction will be funded through short term debt to be repaid from increased revenues due to development over an approximate 6 year period.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes

PLAN:

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 40,000	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 290,000
Land & R-O-W	-	475,000	475,000	-	-	-	-	-	-	475,000
Construction	-	1,900,000	1,900,000	-	-	-	-	-	-	1,900,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ 40,000	\$ 2,625,000	\$ 2,625,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,665,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other(Short term debt) + Developer	-	2,825,000	2,625,000	-	-	200,000	-	-	-	2,825,000
Total Outside Sources	\$ -	\$ 2,825,000	\$ 2,625,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 2,825,000
Use of Fund Balance	40,000	(200,000)	-	-	-	(200,000)	-	-	-	(160,000)
TOTAL SOURCES	\$ 40,000	\$ 2,625,000	\$ 2,625,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,665,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-23

ST-05

PROGRAM TITLE: Transportation Plan Update

PROGRAM DESCRIPTION:

This project updates the City Transportation Plan. This update will coincide with the City Comprehensive Plan update of which the Transportation Plan is an important part. The plan will incorporate the recently adopted Capitol Boulevard Planning Study and the Brewery Neighborhood District Study as well as update the plan for the rest of the City. The plan doesn't include updating the City's Transportation Impact Fee rates, which would be completed as a follow-up to this study.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 50,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ 50,000	\$ 100,000	\$ 100,000	\$ -	\$ 150,000					
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	50,000	100,000	100,000	-	-	-	-	-	-	150,000
TOTAL SOURCES	\$ 50,000	\$ 100,000	\$ 100,000	\$ -	\$ 150,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-07

ST-06

PROGRAM TITLE: Capitol Blvd. Plan - Feasibility and Prelim. Eng.

PROGRAM DESCRIPTION:

Feasibility and preliminary engineering for the transportation options identified and included in the Capitol Boulevard Planning Study. Will also include development of a right-of-way plan and phasing options and recommendations for funding and construction. This project has received federal STP grant funding.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Capitol Blvd. Planning Study **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 200,000	\$ 397,229	\$ 397,229	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 597,229
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ 200,000	\$ 397,229	\$ 397,229	\$ -	\$ 597,229					
Outside Sources of Funds:										
Grants	\$ 173,000	\$ 317,653	\$ 317,653	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 490,653
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ 173,000	\$ 317,653	\$ 317,653	\$ -	\$ 490,653					
Use of Fund Balance	27,000	79,576	79,576	-	-	-	-	-	-	106,576
TOTAL SOURCES	\$ 200,000	\$ 397,229	\$ 397,229	\$ -	\$ 597,229					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-04

ST-07

PROGRAM TITLE: E Street Extension Corridor Study

PROGRAM DESCRIPTION:

This project includes an engineering evaluation of the proposed E Street Extension that is included in the Brewery Neighborhood Plan, from Capitol Boulevard to Cleveland Avenue. Work will include development of horizontal and vertical alignments, intersection layout at Capitol and at Cleveland, right-of-way plans, river and railroad crossing alternatives, access alternatives for the Brewery and LOTT properties, environmental and permitting issues, and required mitigations.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** 2025 T Plan / Brewery District Plan(p) **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 90,000	\$ 210,000	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ 90,000	\$ 210,000	\$ 210,000	\$ -	\$ 300,000					
Outside Sources of Funds:										
Grants	\$ 85,913	\$ 173,587	\$ 173,587	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 259,500
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	4,087	36,413	36,413	-	-	-	-	-	-	40,500
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ 90,000	\$ 210,000	\$ 210,000	\$ -	\$ 300,000					
Use of Fund Balance	-	-	-	-	-	-	-	-	-	-
TOTAL SOURCES	\$ 90,000	\$ 210,000	\$ 210,000	\$ -	\$ 300,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-19

ST-08

PROGRAM TITLE: Kirsop Road Grade Modification and Reconstruction

PROGRAM DESCRIPTION:

This project would reconstruct approximately 800 feet of Kirsop Road through the wetland area that is underwater for most of the year. Project includes raising the road grade, installation of culverts, construction of embankment/retaining walls, reconstruction of the road and wetland mitigation as necessary. Additional project funding is included in the Storm CFP, which includes the work for installation of culverts and other work necessary to maintain the existing wetlands.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Annexation Area Drainage Study **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 90,000	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Land & R-O-W		-	-	-	-	-	-	-	-	-
Construction		1,200,000		1,200,000						1,200,000
Equipment		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ 90,000	\$ 1,230,000	\$ 30,000	\$ 1,200,000	\$ -	\$ 1,320,000				
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
L.I.D.'s										
Impact Fees										
Mitigation Fees										
Other										
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	90,000	1,230,000	30,000	1,200,000	-	-	-	-	-	1,320,000
TOTAL SOURCES	\$ 90,000	\$ 1,230,000	\$ 30,000	\$ 1,200,000	\$ -	\$ 1,320,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

ST-09

PROGRAM TITLE: Tumwater Square Transfer Station: Transit, Pedestrian & Bike Improvements

PROGRAM DESCRIPTION:

This project increases bus stop zones, widens sidewalks, improves pedestrian safety at corsswalks and provides bike storage facilities at the existing Intercity Transit station on Cleveland Avenue at Emerson. The project has received federal grant funding (CMAQ) through TRPC. This is a joint project between the City and Intercity Transit. The City will provide the Design and Construction engineering as it's contribution to the project.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 28,000	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	248,400	-	248,400	-	-	-	-	-	248,400
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 276,400	\$ 28,000	\$ 248,400	\$ -	\$ 276,400				
Outside Sources of Funds:										
Grants	\$ -	\$ 198,950	\$ -	\$ 198,950	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 198,950
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other (Intercity Transit)	-	31,050	-	31,050	-	-	-	-	-	31,050
Total Outside Sources	\$ -	\$ 230,000	\$ -	\$ 230,000	\$ -	\$ 230,000				
Use of Fund Balance	-	46,400	28,000	18,400	-	-	-	-	-	46,400
TOTAL SOURCES	\$ -	\$ 276,400	\$ 28,000	\$ 248,400	\$ -	\$ 276,400				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

ST-10

PROGRAM TITLE: Capitol Blvd. @ U Street Pedestrian Improvements

PROGRAM DESCRIPTION:

This project includes the construction of a new pedestrian crossing on Capitol Blvd. south of U Street. The new crossing includes installation of a center refuge island, ADA accessible pedestrian ramps, rapid flashing beacons, illumination and signing. The project has received funding (80%) through the WSDOT Pedestrian and Bicycle Program.

IS PROJECT RECOMMENDED BY PLAN/POLICY?

PLAN:

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	110,000	-	110,000	-	-	-	-	-	110,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 120,000	\$ 10,000	\$ 110,000	\$ -	\$ 120,000				
Outside Sources of Funds:										
Grants	\$ -	\$ 104,000	\$ 8,000	\$ 96,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 104,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 104,000	\$ 8,000	\$ 96,000	\$ -	\$ 104,000				
Use of Fund Balance	-	16,000	2,000	14,000	-	-	-	-	-	16,000
TOTAL SOURCES	\$ -	\$ 120,000	\$ 10,000	\$ 110,000	\$ -	\$ 120,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-22

ST-11

PROGRAM TITLE: LED Street Light Conversion

PROGRAM DESCRIPTION:

This project includes the conversion of City-owned High Pressure Sodium (HPS) cobra head street lights to LED. In 2015, 932 (approximately 80%) of the City's HPS lights were converted to LED. This project would convert the remaining 20%. The project assumes 50% grant funding through the Department of Commerce Energy Grants. Prior conversions are showing energy savings of over 60%.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	280,000	-	280,000	-	-	-	-	-	280,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 320,000	\$ 40,000	\$ 280,000	\$ -	\$ 320,000				
Outside Sources of Funds:										
Grants	\$ -	\$ 140,000	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 140,000	\$ -	\$ 140,000	\$ -	\$ 140,000				
Use of Fund Balance	-	180,000	40,000	140,000	-	-	-	-	-	180,000
TOTAL SOURCES	\$ -	\$ 320,000	\$ 40,000	\$ 280,000	\$ -	\$ 320,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-10

ST-12

PROGRAM TITLE: Pedestrian and Traffic Calming Improvements

PROGRAM DESCRIPTION:

This program provides funding for miscellaneous sidewalk, pedestrian and traffic calming improvements at various locations throughout the City. This work could include sidewalk repairs and infills, pedestrian crossings, pedestrian connections and neighborhood traffic calming improvements. Individual projects would be developed to respond to needs and issues as they arise. Program is partially due to growth. Not impact fee eligible. Identified projects include installation of Rapid Flashing Beacons at Pedestrian X-ings on Capitol at State Library and near Market Street. Funding includes the 53% multi-modal funds generated by the recent State Transportation Package gas tax increase (\$12,150 - 2016 & 2017; \$26,000 - 2018 through 2031).

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Transportation Plan; 6-Yr TIP **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 30,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	\$ 30,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	428,300	62,150	62,150	76,000	76,000	76,000	76,000	-	428,300
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 458,300	\$ 67,150	\$ 67,150	\$ 81,000	\$ 81,000	\$ 81,000	\$ 81,000	\$ -	\$ 458,300
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance	-	458,300	67,150	67,150	81,000	81,000	81,000	81,000	-	458,300
TOTAL SOURCES	\$ -	\$ 458,300	\$ 67,150	\$ 67,150	\$ 81,000	\$ 81,000	\$ 81,000	\$ 81,000	\$ -	\$ 458,300

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

ST-13

PROGRAM TITLE: Trosper/I-5 Ramp Revision - 6th Avenue Extension

PROGRAM DESCRIPTION:

Project will realign the existing northbound on/off ramp in the southeast quadrant of the interchange to intersect with a new extension of 6th Avenue between Trosper Road and Lee Street. Assumes that Design and ROW will be funded by the City using Transportation Impact Fees and that construction will be funded 65% by a Transportation Improvement Board grant.

IS PROJECT RECOMMENDED BY PLAN/POLICY?

PLAN:

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 350,000	\$ 100,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000
Land & R-O-W		1,100,000	-	-	1,100,000	-	-	-	-	1,100,000
Construction		3,500,000	-	-	-	3,500,000	-	-	-	3,500,000
Equipment		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 4,950,000	\$ 100,000	\$ 250,000	\$ 1,100,000	\$ 3,500,000	\$ -	\$ -	\$ -	\$ 4,950,000
Outside Sources of Funds:										
Grants	\$ -	\$ 2,350,000	\$ 75,000	\$ -	\$ -	\$ 2,275,000	\$ -	\$ -	\$ -	\$ 2,350,000
G.O. Bonds: Non-Voted		-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted		-	-	-	-	-	-	-	-	-
L.I.D.'s		-	-	-	-	-	-	-	-	-
Impact Fees		2,140,000	80,000	200,000	880,000	980,000	-	-	-	2,140,000
Mitigation Fees		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 4,490,000	\$ 155,000	\$ 200,000	\$ 880,000	\$ 3,255,000	\$ -	\$ -	\$ -	\$ 4,490,000
Use of Fund Balance		460,000	(55,000)	50,000	220,000	245,000	-	-	-	460,000
TOTAL SOURCES	\$ -	\$ 4,950,000	\$ 100,000	\$ 250,000	\$ 1,100,000	\$ 3,500,000	\$ -	\$ -	\$ -	\$ 4,950,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-13
PROGRAM TITLE: E Street Extension

ST-14

PROGRAM DESCRIPTION:

Project includes the final design, ROW and construction of the E Street Extension per the findings of the E Street Extension Corridor Study that is to be completed as part of a separate project. The costs identified are estimates only to be used for planning purposes. Refined estimates will be provided as part of the Corridor Study. Project assumes receipt of grant funding to proceed with final design and construction phases. While construction is shown in future years, the Transportation CFP may have fund balance available for matching funds if a construction grant is secured during the 6-year period.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** 2025 T Plan / Brewery District Plan (Pending) **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ 1,200,000
Land & R-O-W		200,000					200,000			200,000
Construction		-							14,100,000	14,100,000
Equipment		-								-
Other		-								-
TOTAL EXPENSES	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 200,000	\$ -	\$ 14,100,000	\$ 15,500,000
Outside Sources of Funds:										
Grants	\$ -	\$ 980,000	\$ -	\$ -	\$ -	\$ 840,000	\$ 140,000	\$ -	\$ 9,870,000	\$ -
G.O. Bonds: Non-Voted		-								-
G.O. Bonds: Voted		-								-
L.I.D.'s		-								-
Impact Fees		210,000				180,000	30,000		2,115,000	2,325,000
Mitigation Fees		-								-
Other		-								-
Total Outside Sources	\$ -	\$ 1,190,000	\$ -	\$ -	\$ -	\$ 1,020,000	\$ 170,000	\$ -	\$ 11,985,000	\$ 2,325,000
Use of Fund Balance		210,000				180,000	30,000		2,115,000	13,175,000
TOTAL SOURCES	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 200,000	\$ -	\$ 14,100,000	\$ 15,500,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-21

ST-15

PROGRAM TITLE: Bridge Maintenance

PROGRAM DESCRIPTION:

This project includes general maintenance and repairs to the Capitol Boulevard and Boston Street bridges as identified through routine bridge inspections. Repairs generally include patching of spalled concrete, deck repairs, railing repairs, expansion joint maintenance and filling of superficial cracks.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W										
Construction		100,000			50,000			50,000		100,000
Equipment										
Other										
TOTAL EXPENSES	\$ -	\$ 100,000	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 100,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
L.I.D.'s										
Impact Fees										
Mitigation Fees										
Other										
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance		100,000			50,000			50,000		100,000
TOTAL SOURCES	\$ -	\$ 100,000	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 100,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

ST-16

PROGRAM TITLE: Capitol Blvd. Plan Implementation - ROW & Construction Phase 1

PROGRAM DESCRIPTION:

This project is programmed to implement the recommendations developed from the Capitol Boulevard Planning Project as further defined in the feasibility and preliminary engineering phase. The funding identified in the 6-year period is shown as a "placeholder" for implementing selected projects and/or acquiring right-of-way as identified in the plan. Funding is included in 2016 to acquire right-of-way to accomodate the N-S access street identified in the plan. Funding for future years is shown to fully complete the improvements identified in the plan. These could be moved forward pending funding.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** Capitol Blvd. Planning Study **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 250,000	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 800,000	\$ 1,050,000
Land & R-O-W		1,515,000	555,000	560,000	100,000	100,000	100,000	100,000	250,000	1,765,000
Construction		500,000		100,000	100,000	100,000	100,000	100,000	12,000,000	12,500,000
Equipment		-								-
Other		-								-
TOTAL EXPENSES	\$ -	\$ 2,265,000	\$ 555,000	\$ 710,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 13,050,000	\$ 15,315,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
L.I.D.'s										
Impact Fees		1,359,000	333,000	426,000	150,000	150,000	150,000	150,000		1,359,000
Mitigation Fees										
Other										
Total Outside Sources	\$ -	\$ 1,359,000	\$ 333,000	\$ 426,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ 1,359,000
Use of Fund Balance		906,000	222,000	284,000	100,000	100,000	100,000	100,000	13,050,000	13,956,000
TOTAL SOURCES	\$ -	\$ 2,265,000	\$ 555,000	\$ 710,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 13,050,000	\$ 15,315,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-12

ST-17

PROGRAM TITLE: Old Highway 99 Improvements - Corridor Plan and Phase 1

PROGRAM DESCRIPTION:

This project includes development of a corridor plan for Old Highway 99 from 73rd Avenue to the Urban Growth Boundary at 93rd Avenue. It is assumed that the project will be phased for construction. Assumed phasing: Phase 1 = 73rd Avenue to 79th; Phase 2 = 79th to 88th; Phase 3 = 88th to 93rd. This project would also include the preliminary engineering, design, right-of-way acquisition and construction for Phase 1. When completed the project would be expected to add additional capacity and turn lanes with bike paths, sidewalks, illumination, storm drainage, landscaping, medians and intersection improvements. The specific improvements would be defined as part of the corridor plan. The design, ROW and construction of Phases 2 and 3 would be part of a separate future project(s). Timing of this project and a finding of concurrency, when required for a development proposal, will be dependent on having successfully obtained grant funding.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** 2025 T Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 600,000	\$ -	\$ 850,000
Land & R-O-W	-	-	-	-	-	-	-	-	2,500,000	2,500,000
Construction	-	-	-	-	-	-	-	-	7,500,000	7,500,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 600,000	\$ 10,000,000	\$ 10,850,000
Outside Sources of Funds:										
Grants	\$ -	\$ 510,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 360,000	\$ 6,000,000	\$ 6,510,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	170,000	-	-	-	-	50,000	120,000	2,000,000	2,170,000
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 680,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 480,000	\$ 8,000,000	\$ 8,680,000
Use of Fund Balance	-	170,000	-	-	-	-	50,000	120,000	2,000,000	2,170,000
TOTAL SOURCES	\$ -	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 600,000	\$ 10,000,000	\$ 10,850,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-24

ST-18

PROGRAM TITLE: Mottman Road Improvements

PROGRAM DESCRIPTION:

This project is proposed as a joint project with the City of Olympia for the improvement of Mottman Road from Crosby Boulevard to RW Johnson Boulevard. Mottman Road between the City limits near Crosby to Mottman Court is within the City of Olympia. Olympia will be constructing frontage improvements along the south side, widening for bike lanes in both directions and resurfacing this section of Mottman Road. The Tumwater portion includes frontage improvements on the north side of this section. The Tumwater work also includes the section from Mottman Court to RW Johnson Boulevard, which will be improved to include frontage improvements and bike lanes on both sides and resurfacing of the entire road. The project has received funding through the state legislature, but is not scheduled until 2023-2026. Efforts are being made to advance the project funding including local funding to complete the design

IS PROJECT RECOMMENDED BY PLAN/POLICY? No **PLAN:** **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	1,700,000	-	-	\$ -	1,700,000	-	-	-	1,700,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 1,850,000	\$ 150,000	\$ -	\$ -	\$ 1,700,000	\$ -	\$ -	\$ -	\$ 1,850,000
Outside Sources of Funds:										
Grants	\$ -	\$ 1,700,000	\$ -	\$ -	\$ -	\$ 1,700,000	\$ -	\$ -	\$ -	\$ 1,700,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 1,700,000	\$ -	\$ -	\$ -	\$ 1,700,000	\$ -	\$ -	\$ -	\$ 1,700,000
Use of Fund Balance	-	150,000	150,000	-	-	-	-	-	-	150,000
TOTAL SOURCES	\$ -	\$ 1,850,000	\$ 150,000	\$ -	\$ -	\$ 1,700,000	\$ -	\$ -	\$ -	\$ 1,850,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-18

ST-19

PROGRAM TITLE: Brewery District Plan - Streetscape Improvements

PROGRAM DESCRIPTION:

This project is programmed to implement the recommendations developed from the Brewery District Planning Project. The funding identified is not sufficient to implement all of the transportation options that have been identified, but is shown as a "placeholder" for implementing selected projects from the plan. Grant funding is being shown for implementing the project. If grant funds are not available, funding may be available from the Transportation CFP fund balance.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Pending **PLAN:** Brewery District Plan (Pending) **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	750,000	-	750,000	-	-	-	-	-	750,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 850,000	\$ -	\$ 850,000	\$ -	\$ 850,000				
Outside Sources of Funds:										
Grants	\$ -	\$ 680,000	\$ -	\$ 680,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 680,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 680,000	\$ -	\$ 680,000	\$ -	\$ 680,000				
Use of Fund Balance	-	170,000	-	170,000	-	-	-	-	-	170,000
TOTAL SOURCES	\$ -	\$ 850,000	\$ -	\$ 850,000	\$ -	\$ 850,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

ST-20

PROGRAM TITLE: Trosper/Capitol RAB

PROGRAM DESCRIPTION:

Project includes the design, right-of-way and construction of a modern roundabout at the intersection of Trosper Road and Capitol Blvd. Funding assumes a TIB grant for 65% of the construction.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No

PLAN:

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 250,000	\$ -	\$ 350,000
Land & R-O-W		2,300,000	-	-	-	-	-	2,300,000		2,300,000
Construction		-			\$ -	-			4,000,000	4,000,000
Equipment		-								-
Other		-								-
TOTAL EXPENSES	\$ -	\$ 2,650,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 2,550,000	\$ 4,000,000	\$ 6,650,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,600,000	\$ 2,600,000
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
L.I.D.'s										
Impact Fees		280,000					80,000	200,000	1,120,000	1,400,000
Mitigation Fees		-								
Other		-								
Total Outside Sources	\$ -	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 200,000	\$ 3,720,000	\$ 4,000,000
Use of Fund Balance		2,370,000					20,000	2,350,000	280,000	2,650,000
TOTAL SOURCES	\$ -	\$ 2,650,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 2,550,000	\$ 4,000,000	\$ 6,650,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-11

ST-21

PROGRAM TITLE: 93rd & Case Roundabout

PROGRAM DESCRIPTION:

Project includes the design, right-of-way acquisition and construction of intersection control at this location. Prior preliminary engineering has identified a roundabout as the preferred intersection control. The next phase includes necessary right-of-way acquisition to the extent that we have mitigation funds available. *Grant application for construction funding has been submitted through the TIB however construction is identified in "future" years. Project is due to growth and is impact fee eligible.*

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** 2025 T Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
Land & R-O-W		42,000	-	42,000	-	-	-	-	40,000	82,000
Construction		-	-	-	-	-	-	-	1,500,000	1,500,000
Equipment		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 42,000	\$ -	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 1,665,000	\$ 1,707,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,082,250	\$ 1,082,250
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	582,750	582,750
Mitigation Fees	-	42,000	-	42,000	-	-	-	-	-	42,000
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 42,000	\$ -	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 1,665,000	\$ 1,707,000
Use of Fund Balance	-	-	-	-	-	-	-	-	-	-
TOTAL SOURCES	\$ -	\$ 42,000	\$ -	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 1,665,000	\$ 1,707,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-17

ST-22

PROGRAM TITLE: Peter G. Schmidt - Safe Routes To Schools Improvements

PROGRAM DESCRIPTION:

Construct approximately 1,750 feet of continuous 6 foot wide sidewalk on the north side of East Dennis and the west side of Elm Street from Peter G. Schmidt Elementary School to X Street. Project includes construction of sidewalk bump-outs at key intersection locations. The project has received grant funding through the Safe Routes to Schools program.

IS PROJECT RECOMMENDED BY PLAN/POLICY?

PLAN:

PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 25,100	\$ 25,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,100
Land & R-O-W		21,000	21,000							21,000
Construction		369,500	-	369,500	-	-	-	-	-	369,500
Equipment		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 415,600	\$ 46,100	\$ 369,500	\$ -	\$ 415,600				
Outside Sources of Funds:										
Grants	\$ -	\$ 332,128	\$ 36,748	\$ 295,380	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 332,128
G.O. Bonds: Non-Voted		-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted		-	-	-	-	-	-	-	-	-
L.I.D.'s		-	-	-	-	-	-	-	-	-
Impact Fees		-	-	-	-	-	-	-	-	-
Mitigation Fees		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 332,128	\$ 36,748	\$ 295,380	\$ -	\$ 332,128				
Use of Fund Balance		83,472	9,352	74,120						83,472
TOTAL SOURCES	\$ -	\$ 415,600	\$ 46,100	\$ 369,500	\$ -	\$ 415,600				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-15

ST-23

PROGRAM TITLE: Tumwater Boulevard Interchange

PROGRAM DESCRIPTION:

Project includes the construction of roundabouts and ramp improvements at both the north and southbound ramp terminals, and widening of the existing bridge to accommodate existing and future traffic growth. 90% design has been completed and environmental/permitting is in for approval. SEPA mitigation fees are being collected as developer mitigation and have been used to fund the design and permitting for the project. Construction will be dependent on receiving outside funding. Project is not included in the City's TIF program. Project is due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** 2025 T Plan **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	16,500,000	16,500,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 17,100,000	\$ 17,100,000							
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,680,000	\$ 13,680,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	3,420,000	3,420,000
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 17,100,000	\$ 17,100,000							
Use of Fund Balance	-	-								
TOTAL SOURCES	\$ -	\$ 17,100,000	\$ 17,100,000							

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

ST-24

PROGRAM TITLE: Michael T Simmons Elementary - Safe Routes to Schools Improvements

PROGRAM DESCRIPTION:

This project includes sidewalk infill on school walking routes in the vicinity of Michael T. Simmons elementary school. The project is dependent on the receipt of grant funding. The projects may also include educational program components designed to encourage walking and biking to school.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** 6-Yr TIP **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
Land & R-O-W	-	-	-	-	-	-	-	-	-	-
Construction	-	150,000	-	-	-	-	150,000	-	-	150,000
Equipment	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ 15,000	\$ 150,000	\$ -	\$ -	\$ 165,000
Outside Sources of Funds:										
Grants	\$ -	\$ 132,000	\$ -	\$ -	\$ -	\$ 12,000	\$ 120,000	\$ -	\$ -	\$ 132,000
G.O. Bonds: Non-Voted	-	-	-	-	-	-	-	-	-	-
G.O. Bonds: Voted	-	-	-	-	-	-	-	-	-	-
L.I.D.'s	-	-	-	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Outside Sources	\$ -	\$ 132,000	\$ -	\$ -	\$ -	\$ 12,000	\$ 120,000	\$ -	\$ -	\$ 132,000
Use of Fund Balance	-	33,000	-	-	-	3,000	30,000	-	-	33,000
TOTAL SOURCES	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ 15,000	\$ 150,000	\$ -	\$ -	\$ 165,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Transportation CFP
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: ST-16

ST-25

PROGRAM TITLE: Capitol Blvd. and Linwood Avenue Roundabout

PROGRAM DESCRIPTION:

This project is for the construction of a roundabout to replace the existing traffic signal at the intersection of Capitol Boulevard and Linwood Avenue. The RAB will provide improved mobility by allowing access restrictions (medians) on Capitol Boulevard between Trosper and M Street and provide U-turn opportunities to access business properties along Capitol.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes **PLAN:** 6-Yr TIP **PAGE#**

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 175,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ 175,000
Land & R-O-W		80,000	-	80,000	-	-	-	-	-	80,000
Construction		-	-	-	-	-	-	-	2,300,000	2,300,000
Equipment		-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ -	\$ 255,000	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 165,000	\$ 2,300,000	\$ 2,555,000
Outside Sources of Funds:										
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G.O. Bonds: Non-Voted										
G.O. Bonds: Voted										
L.I.D.'s										
Impact Fees										
Mitigation Fees										
Other										
Total Outside Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Fund Balance		255,000		90,000				165,000	2,300,000	2,555,000
TOTAL SOURCES	\$ -	\$ 255,000	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 165,000	\$ 2,300,000	\$ 2,555,000

FINANCIAL PLAN FOR THE WATER FUND

PROJECT	EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YRS	GRAND TOTAL
Capital Projects:											
1	Palermo Wellfield Redevelopment / Expansion	\$ 1,135,000	\$ 260,000	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,395,000
2	Palermo Wellfield - Automatic Emergency Generator	\$ -	\$ 435,000	\$ 435,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 435,000
3	Water Rights Acquisition / Mitigation	\$ -	\$ 1,000,000	\$ 300,000	\$ 300,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 150,000	\$ -	\$ 1,000,000
4	Brewery Wellfield - Source Report and Design Study	\$ 90,000	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
5	Brewery Wellfield - Water Production Infrastructure	\$ -	\$ 1,840,000	\$ -	\$ -	\$ 160,000	\$ 750,000	\$ 930,000	\$ -	\$ -	\$ 1,840,000
6	Brewery Wellfield - Treatment	\$ -	\$ 6,425,000	\$ -	\$ -	\$ -	\$ 925,000	\$ 2,000,000	\$ 3,500,000	\$ -	\$ 6,425,000
7	Brewery Wellfield - Abandon Existing Wells	\$ -	\$ 300,000	\$ -	\$ 50,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
8	Emerging Projects / Oversizing	\$ -	\$ 360,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ -	\$ 360,000
9	Telemetry System Upgrade	\$ 115,000	\$ 65,000	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000
10	Annual Water Main Replacement	\$ -	\$ 1,635,000	\$ 25,000	\$ 30,000	\$ 385,000	\$ 390,000	\$ 400,000	\$ 405,000	\$ -	\$ 1,635,000
11	93rd Avenue Watermain Extension at Interstate 5	\$ -	\$ 275,000	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000
12	Custer Way Extension - Boston to Capitol	\$ -	\$ 650,000	\$ -	\$ 50,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 650,000
13	SW Wellfield Mitigation Plan Development	\$ 48,000	\$ 225,000	\$ 100,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 273,000
14	Reclaimed Water Utility Business Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000
15	Lathrop Water System Improvements	\$ -	\$ 415,000	\$ 75,000	\$ 115,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ 415,000
16	Lakeland Manor System - Intertie and System Plan	\$ -	\$ 75,000	\$ 15,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
17	City Operations and Maintenance Facility Relocation	\$ -	\$ 651,000	\$ 21,000	\$ 280,000	\$ -	\$ -	\$ 175,000	\$ 175,000	\$ 4,025,000	\$ 4,676,000
18	Water Comprehensive Plan Update	\$ -	\$ 200,000	\$ 150,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
19	SE Reservoir	\$ 319,000	\$ 7,400,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 6,700,000	\$ -	\$ 7,719,000
20	Southwest Wellfield Infrastructure	\$ -	\$ 1,925,000	\$ -	\$ -	\$ 75,000	\$ 425,000	\$ 775,000	\$ 650,000	\$ -	\$ 1,925,000
21	Pioneer Street Water Extension	\$ -	\$ 75,500	\$ 75,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,500
TOTAL CAPITAL PROJECT EXPENSES		\$ 1,707,000	\$ 24,221,500	\$ 1,866,500	\$ 1,120,000	\$ 1,655,000	\$ 2,675,000	\$ 5,265,000	\$ 11,640,000	\$ 4,250,000	\$ 30,178,500
SOURCES OF FUNDS:											
	General Governmental	\$ -									
	Grants	\$ -									
	Operating Income	\$ 3,895,500	\$ 862,500	\$ 473,000	\$ 657,000	\$ 491,000	\$ 816,500	\$ 595,500	\$ 2,057,500	\$ 5,953,000	
	Connections	\$ 4,985,500	\$ 928,500	\$ 597,000	\$ 588,000	\$ 509,000	\$ 1,518,500	\$ 844,500	\$ 2,192,500	\$ 7,178,000	
	Revenue Bonds	\$ 15,265,000	\$ -	\$ 50,000	\$ 410,000	\$ 1,675,000	\$ 2,930,000	\$ 10,200,000	\$ -	\$ 15,265,000	
	Other - PWTF	\$ -	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ -	
TOTAL SOURCES		\$ 24,146,000	\$ 1,791,000	\$ 1,120,000	\$ 1,655,000	\$ 2,675,000	\$ 5,265,000	\$ 11,640,000	\$ 4,250,000	\$ 28,396,000	

SIX YEAR FINANCIAL FORECAST

WATER	2013	2014	2015	2016	2017	2018	2019	2020	2021	2016-2021
	REVENUES									
Beginning Fund Balance	\$ 4,477,425	\$ 3,915,044	\$ 4,784,485	\$ 3,924,040	\$ 3,439,515	\$ 3,793,234	\$ 3,606,794	\$ 3,612,522	\$ 2,156,652	\$ 3,924,040
Service Collections (Rates)	\$ 3,454,945	\$ 3,900,444	\$ 4,113,897	\$ 4,300,874	\$ 4,452,694	\$ 4,609,875	\$ 4,772,603	\$ 4,941,076	\$ 5,115,496	\$ 28,192,618
Misc. Revenues	\$ 65,552	\$ 63,972	\$ 60,300	\$ 51,055	\$ 51,820	\$ 52,598	\$ 53,387	\$ 54,187	\$ 55,000	\$ 318,047
Operating Income (Sales + Misc.)	\$ 3,520,497	\$ 3,964,416	\$ 4,164,197	\$ 4,351,928	\$ 4,504,515	\$ 4,662,472	\$ 4,825,990	\$ 4,995,263	\$ 5,170,496	\$ 28,510,664
Utility Tax	\$ 202,006	\$ 224,012	\$ 247,274	\$ 258,052	\$ 267,162	\$ 276,592	\$ 286,356	\$ 296,465	\$ 306,930	\$ 1,691,557
Connection Fees	\$ 768,884	\$ 743,059	\$ 567,482	\$ 531,449	\$ 542,078	\$ 552,920	\$ 563,978	\$ 575,258	\$ 586,763	\$ 3,352,445
DEBT (Revenue Bonds, PWTF Loans)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 410,000	\$ 1,675,000	\$ 2,930,000	\$ 10,200,000	\$ 15,265,000
TOTAL REVENUES	\$ 8,968,812	\$ 8,846,531	\$ 9,763,438	\$ 9,065,470	\$ 8,803,269	\$ 9,695,218	\$ 10,958,118	\$ 12,409,508	\$ 18,420,841	\$ 52,743,707
EXPENDITURES										
O & M (including Administration)	\$ 2,556,748	\$ 2,672,063	\$ 3,270,420	\$ 3,384,885	\$ 3,503,356	\$ 3,625,973	\$ 3,752,882	\$ 3,884,233	\$ 4,020,181	\$ 22,171,510
Debt Service	\$ 466,990	\$ 259,185	\$ 246,831	\$ 56,518	\$ 59,518	\$ 470,858	\$ 571,358	\$ 747,158	\$ 1,359,158	\$ 3,264,568
Capital	\$ 1,830,571	\$ 910,641	\$ 2,078,673	\$ 1,926,500	\$ 1,180,000	\$ 1,715,000	\$ 2,735,000	\$ 5,325,000	\$ 11,700,000	\$ 24,581,500
Utility Tax Transfer	\$ 199,459	\$ 220,157	\$ 243,474	\$ 258,052	\$ 267,162	\$ 276,592	\$ 286,356	\$ 296,465	\$ 306,930	\$ 1,691,557
TOTAL EXPENDITURES	\$ 5,053,768	\$ 4,062,046	\$ 5,839,398	\$ 5,625,955	\$ 5,010,035	\$ 6,088,424	\$ 7,345,596	\$ 10,252,856	\$ 17,386,269	\$ 51,709,135
ENDING FUND BALANCE	\$ 3,915,044	\$ 4,784,485	\$ 3,924,040	\$ 3,439,515	\$ 3,793,234	\$ 3,606,794	\$ 3,612,522	\$ 2,156,652	\$ 1,034,572	\$ 1,034,572
RATE Increase	5%	5%	5%	3%	2%	2%	2%	2%	2%	
CONNECTION FEE Increase	3.744	\$3.931	\$4.128	\$4.252	\$4.337	\$4.423	\$4.512	\$4.602	\$4.694	

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-01

WA-01

PROGRAM TITLE: Palermo Wellfield Redevelopment / Expansion

<p>PROGRAM DESCRIPTION: This project is meant to optimize the Palermo Wellfield's instantaneous yield, water right, and treatment capacity. The approach would be to construct as many as three new wells located so as to reduce interference between wells to increase pumping capacity and begin the process of replacing old wells. The project has been completed in phases; Phase 1, Planning evaluation and recommendations; Phase 2 - Field Exploration; Phase 3 - Install production well(s). Phase 4 (2013-2015) completed 2nd production well, civil engineering, telemetry improvements (WA-18), generator acquisition (WA-2). and initiated construction, to be complete in 2016.</p> <p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water Comp Plan PAGE# S-2 GROWTH: 50%</p>
--

FINANCIAL DATA										
EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 240,000	\$ 10,000	\$ 10,000							\$ 250,000
Land & R-O-W		\$ -								\$ -
Construction	\$ 895,000	\$ 250,000	\$ 250,000							\$ 1,145,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 1,135,000	\$ 260,000	\$ 260,000	\$ -	\$ 1,395,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 567,500	\$ 130,000	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 697,500
Connections	\$ 567,500	\$ 130,000	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 697,500
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 1,135,000	\$ 260,000	\$ 260,000	\$ -	\$ 1,395,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-02

WA-02

PROGRAM TITLE: Palermo Wellfield - Automatic Emergency Generator

<p>PROGRAM DESCRIPTION: Install an automatic emergency generator to power the well pumps that are currently not connected to auxiliary power (Wells 2, 4, 5 and any new wells).</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water Comp Plan PAGE# M-2 GROWTH: 30%</p>

FINANCIAL DATA										
EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 10,000	\$ 10,000							\$ 10,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 425,000	\$ 425,000							\$ 425,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 435,000	\$ 435,000	\$ -	\$ 435,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 304,500	\$ 304,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 304,500
Connections		\$ 130,500	\$ 130,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,500
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 435,000	\$ 435,000	\$ -	\$ 435,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-03

WA-03

PROGRAM TITLE: Water Rights Acquisition / Mitigation

PROGRAM DESCRIPTION: This program includes funding for the purchase of existing water rights and/or mitigation for new water rights. This includes costs for processing water rights applications. Funding shown is to reserve funds as opportunities to acquire rights become available. The timing of the expenditures will depend on those opportunities.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	S-3	GROWTH:	80%		

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -								\$ -
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ 1,000,000	\$ 300,000	\$ 300,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 150,000		\$ 1,000,000
TOTAL EXPENSES	\$ -	\$ 1,000,000	\$ 300,000	\$ 300,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 150,000	\$ -	\$ 1,000,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 200,000	\$ 60,000	\$ 60,000	\$ 10,000	\$ 10,000	\$ 30,000	\$ 30,000	\$ -	\$ 200,000
Connections		\$ 800,000	\$ 240,000	\$ 240,000	\$ 40,000	\$ 40,000	\$ 120,000	\$ 120,000	\$ -	\$ 800,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,000,000	\$ 300,000	\$ 300,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 150,000	\$ -	\$ 1,000,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: WA-04

WA-04

PROGRAM TITLE: Brewery Wellfield - Source Report and Design Study

PROGRAM DESCRIPTION: Project provides the analysis of ownership, management and engineering considerations for a regionally-owned water production and treatment facility. to define address the hydrogeological and water quality basis for source approval and water quality treatment design. The costs shown are 1/3 of the total cost which would be shared with Olympia and Lacey.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	S-4	GROWTH:	90%		

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 90,000	\$ 10,000	\$ 10,000							\$ 100,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 90,000	\$ 10,000	\$ 10,000	\$ -	\$ 100,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 9,000	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Connections	\$ 81,000	\$ 9,000	\$ 9,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 90,000	\$ 10,000	\$ 10,000	\$ -	\$ 100,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-05

WA-05

PROGRAM TITLE: Brewery Wellfield - Water Production Infrastructure

PROGRAM DESCRIPTION:
 This project provides funding for the development of water production infrastructure necessary to put to beneficial use the water rights acquired from the former Brewery. The costs shown reflect 1/3 of the total cost, which may be shared with Olympia and Lacey. Project will be coordinated with Project WA-06, Brewery Wellfield Treatment. Overall costs are dependent upon agreements reached following acceptance of Project WA-04.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water Comp Plan PAGE# S-5 GROWTH: Rev. Bond

FINANCIAL DATA										
EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 160,000			\$ 160,000					\$ 160,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 1,680,000				\$ 750,000	\$ 930,000			\$ 1,680,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 1,840,000	\$ -	\$ -	\$ 160,000	\$ 750,000	\$ 930,000	\$ -	\$ -	\$ 1,840,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ -								\$ -
Connections		\$ -								\$ -
Revenue Bonds		\$ 1,840,000			\$ 160,000	\$ 750,000	\$ 930,000			\$ 1,840,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,840,000	\$ -	\$ -	\$ 160,000	\$ 750,000	\$ 930,000	\$ -	\$ -	\$ 1,840,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-06

WA-06

PROGRAM TITLE: Brewery Wellfield - Treatment

PROGRAM DESCRIPTION:
 This project includes the development of water treatment facilities associated with the development of the Brewery Wellfield. Treatment is based on an assumption that new wells will be constructed as part of the infrastructure development. Disinfection, corrosion control and iron/manganese treatment is assumed. Construction costs for treatment will be revised per agreements with partners once project WA-04 is completed. The construction costs shown are 1/3 of the total cost which would likely be shared with Olympia and Lacey.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water Comp Plan PAGE# S-6 GROWTH: Rev. Bond

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 1,425,000				\$ 925,000	\$ 500,000			\$ 1,425,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 5,000,000					\$ 1,500,000	\$ 3,500,000		\$ 5,000,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 6,425,000	\$ -	\$ -	\$ -	\$ 925,000	\$ 2,000,000	\$ 3,500,000	\$ -	\$ 6,425,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ -								\$ -
Connections		\$ -								\$ -
Revenue Bonds		\$ 6,425,000				\$ 925,000	\$ 2,000,000	\$ 3,500,000		\$ 6,425,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 6,425,000	\$ -	\$ -	\$ -	\$ 925,000	\$ 2,000,000	\$ 3,500,000	\$ -	\$ 6,425,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-07

WA-07

PROGRAM TITLE: Brewery Wellfield - Abandon Existing Wells

PROGRAM DESCRIPTION: This project assumes that new wells will be developed as part of the Brewery Wellfield. Existing wells will be required to be decommissioned by WAC. The costs shown are 1/3 of the total cost which would be shared with Olympia and Lacey.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	S-7	GROWTH:	Rev. Bond		

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 50,000		\$ 50,000			\$ -			\$ 50,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 250,000			\$ 250,000			\$ -		\$ 250,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 300,000	\$ -	\$ 50,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ -								\$ -
Connections		\$ -								\$ -
Revenue Bonds		\$ 300,000		\$ 50,000	\$ 250,000		\$ -	\$ -		\$ 300,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 300,000	\$ -	\$ 50,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-08

WA-08

PROGRAM TITLE: Emerging Projects / Oversizing

PROGRAM DESCRIPTION: This funding will be utilized to react to development projects by providing funds for such items as completing "loops" to increase flows, system redundancy, and oversizing costs. Could also be used to fund water line improvements and replacements within City street projects in order to avoid road cuts following road resurfacing.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	D-1	GROWTH:	60%		

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 60,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		\$ 60,000
Land & R-O-W		\$ -								\$ -
Construction	\$ -	\$ 300,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		\$ 300,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 360,000	\$ 60,000	\$ -	\$ 360,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 144,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ -	\$ 144,000
Connections	\$ -	\$ 216,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ -	\$ 216,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 360,000	\$ 60,000	\$ -	\$ 360,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: WA-09

WA-09

PROGRAM TITLE: Telemetry System Upgrade

PROGRAM DESCRIPTION: The telemetry system at Palermo's existing wells, #'s 4, 6 & 8, has become antiquated and no longer easily integrates into the parent telemetry system and has reached its designed capacity for the number of sites it can control and acquire data from. In concert with recent improvements made by the water utility at the wellfield, this project will update the remaining systems on three wells to the current communications standard and improve integration and management of the wells.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	M-1	GROWTH:	30%		

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 10,000	\$ 5,000	\$ 5,000							\$ 15,000
Land & R-O-W		\$ -								\$ -
Construction	\$ 105,000	\$ 60,000	\$ 60,000	\$ -						\$ 165,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 115,000	\$ 65,000	\$ 65,000	\$ -	\$ 180,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 80,500	\$ 45,500	\$ 45,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 126,000
Connections	\$ 34,500	\$ 19,500	\$ 19,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 115,000	\$ 65,000	\$ 65,000	\$ -	\$ 180,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-11

WA-10

PROGRAM TITLE: Annual Water Main Replacement

PROGRAM DESCRIPTION: Annual project to replace aging water mains in the system. This includes main replacement on roadways being reconstructed as part of the Sewer Rehabilitation projects or in conjunction with City road improvement projects.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	D-2	GROWTH:	20%		

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 185,000	\$ 25,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 35,000	\$ 35,000		\$ 185,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 1,450,000			\$ 355,000	\$ 360,000	\$ 365,000	\$ 370,000		\$ 1,450,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 1,635,000	\$ 25,000	\$ 30,000	\$ 385,000	\$ 390,000	\$ 400,000	\$ 405,000	\$ -	\$ 1,635,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 1,308,000	\$ 20,000	\$ 24,000	\$ 308,000	\$ 312,000	\$ 320,000	\$ 324,000	\$ -	\$ 1,308,000
Connections		\$ 327,000	\$ 5,000	\$ 6,000	\$ 77,000	\$ 78,000	\$ 80,000	\$ 81,000	\$ -	\$ 327,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,635,000	\$ 25,000	\$ 30,000	\$ 385,000	\$ 390,000	\$ 400,000	\$ 405,000	\$ -	\$ 1,635,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: WA-12

WA-11

PROGRAM TITLE: 93rd Avenue Watermain Extension at Interstate 5

PROGRAM DESCRIPTION: This project includes the extension of a 16-inch water main on 93rd Avenue from the east side of Interstate 5 to Blomberg Road. The project would be constructed by private development and the City would participate in oversizing costs. The timing of the expenditure is dependent on the private development schedule. To be conservative, for cash flow purposes, the project is identified as moving forward in 2016.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	D-4	GROWTH:	80%		

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 25,000	\$ 25,000							\$ 25,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 250,000	\$ 250,000							\$ 250,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 275,000	\$ 275,000	\$ -	\$ 275,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 55,000	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Connections		\$ 220,000	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 220,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 275,000	\$ 275,000	\$ -	\$ 275,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: WA-13

WA-12

PROGRAM TITLE: Custer Way Extension - Boston to Capitol

PROGRAM DESCRIPTION: This project will extend the new 12-inch diameter water line that was constructed across the Boston Bridge to east of Capitol Boulevard where it will connect into an existing 12-inch line. This work was originally planned to be done simultaneously with the sewer in this area, but due to the amount of roadway reconstruction required, it will be done following the determination of any proposed improvements to the roadways in this area. The concrete slabs within the existing roadway will need to be removed and the roadway reconstructed.										
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	D-13	GROWTH:	60%			

FINANCIAL DATA										
EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 50,000		\$ 50,000						\$ 50,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 600,000			\$ 600,000					\$ 600,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 650,000	\$ -	\$ 50,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 650,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 260,000	\$ -	\$ 20,000	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000
Connections		\$ 390,000	\$ -	\$ 30,000	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ 390,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 650,000	\$ -	\$ 50,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 650,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: WA-14

WA-13

PROGRAM TITLE: SW Wellfield Mitigation Plan Development

PROGRAM DESCRIPTION: This project will prepare a plan for submittal to state agencies to address impacts from water production associated with applied water rights at the Southwest Wellfield. A previous study examined one scenario for source mitigation and will be integrated as an option for state consideration. Approval of the water right application is dependent upon approval of a water right mitigation plan.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	S-10	GROWTH:	80%		

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 48,000	\$ 225,000	\$ 100,000	\$ 125,000						\$ 273,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 48,000	\$ 225,000	\$ 100,000	\$ 125,000	\$ -	\$ 273,000				
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 9,600	\$ 45,000	\$ 20,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,600
Connections	\$ 38,400	\$ 180,000	\$ 80,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 218,400
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 48,000	\$ 225,000	\$ 100,000	\$ 125,000	\$ -	\$ 273,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-15

WA-14

PROGRAM TITLE: Reclaimed Water Utility Business Planning

PROGRAM DESCRIPTION: This project initiates business planning to utilize reclaimed water, offsetting potable water for non-potable uses. The Utility Business Plan will examine costs and benefits of reclaimed water use, infrastructure development standards, project prioritization, rate structures, participation incentives and staffing issues. State and regional policies and standards regarding reclaimed water use, sales and infrastructure will be incorporated. Project has been postponed to further years pending new reclaimed water capacity development by LOTT Clean Water Alliance.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	No	PLAN:	PAGE#	GROWTH:	80%				

FINANCIAL DATA										
EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -	\$ -	\$ -					\$ 225,000	\$ 225,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 225,000	\$ 225,000							
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ -	\$ -	\$ -					\$ 45,000	\$ 45,000
Connections	\$ -	\$ -	\$ -	\$ -					\$ 180,000	\$ 180,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 225,000	\$ 225,000							

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-17

WA-15

PROGRAM TITLE: Lathrop Water System Improvements

PROGRAM DESCRIPTION:
 City-owned Lathrop Water System is aging and is in need of improvement to meet City-standards for potable water service, to increase production to full certificated capacity of 300 gallons per minute, and to reliably deliver potable water to current and future customers. Improvements include installation of reservoir gauge, installation of new valves to aid in main isolation for cleaning and repair, and replacing existing water mains to meet City specifications and interconnect with the larger City system. Prepare update to Lathrop Water System Plan.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE# GROWTH: 20%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 115,000	\$ 75,000	\$ 40,000						\$ 115,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 300,000		\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000			\$ 300,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 415,000	\$ 75,000	\$ 115,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ 415,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 332,000	\$ 60,000	\$ 92,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ 332,000
Connections		\$ 83,000	\$ 15,000	\$ 23,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 83,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 415,000	\$ 75,000	\$ 115,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ 415,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-18

WA-16

PROGRAM TITLE: Lakeland Manor System - Intertie and System Plan

<p>PROGRAM DESCRIPTION: City-owned Lakeland Manor Water System is in need of an emergency source of supply. This project will complete a Department of Health-approved intertie, providing an intertie to provide service to Lakeland Manor customers in an emergency, as well as augment supply to the City system should the need arise. Complete update to Lakeland Manor Water System Plan, to be coordinated with the City-wide Water System Plan update in 2016.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE# GROWTH: 20%</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 25,000	\$ 15,000	\$ 10,000						\$ 25,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 50,000		\$ 50,000						\$ 50,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 75,000	\$ 15,000	\$ 60,000	\$ -	\$ 75,000				
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 60,000	\$ 12,000	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Connections		\$ 15,000	\$ 3,000	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 75,000	\$ 15,000	\$ 60,000	\$ -	\$ 75,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: WA-19

WA-17

PROGRAM TITLE: City Operations and Maintenance Facility Relocation

PROGRAM DESCRIPTION: This project includes the demolition, master planning, design and construction for a new Public Works Operations and Maintenance Facility at the City's Trails End Drive property. Costs are distributed 25% General Fund, 35% Water, 20% Sewer and 20% Storm. 2016 and 2017 funding for demolition and Master planning will be from fund balances. Design and construction which will be debt financed and are shown in General Fund CFP. Funds shown here 2020-future are debt payments for Water Utility Only (35% of Total Annual \$500k payment).										
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	City Hall Campus Master Plan	PAGE#		GROWTH:	50%			

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 21,000	\$ 21,000							\$ 21,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 280,000		\$ 280,000						\$ 280,000
Equipment		\$ -								\$ -
Other (Debt Payment)		\$ 350,000					\$ 175,000	\$ 175,000	\$ 4,025,000	\$ 4,375,000
TOTAL EXPENSES	\$ -	\$ 651,000	\$ 21,000	\$ 280,000	\$ -	\$ -	\$ 175,000	\$ 175,000	\$ 4,025,000	\$ 4,676,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 325,500	\$ 10,500	\$ 140,000	\$ -	\$ -	\$ 87,500	\$ 87,500	\$ 2,012,500	\$ 2,338,000
Connections	\$ -	\$ 325,500	\$ 10,500	\$ 140,000	\$ -	\$ -	\$ 87,500	\$ 87,500	\$ 2,012,500	\$ 2,338,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 651,000	\$ 21,000	\$ 280,000	\$ -	\$ -	\$ 175,000	\$ 175,000	\$ 4,025,000	\$ 4,676,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: WA-20

WA-18

PROGRAM TITLE: Water Comprehensive Plan Update

PROGRAM DESCRIPTION: The City of Tumwater is required by DOH to update the Water System Comprehensive Plan every six years, the last update occurring in 2010. The Water Comp Plan update includes an assessment of water rights, wellhead protection area revisions, water conservation program enhancements, recommended capital improvements and incorporates disinfection program requirements.										
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Comp Plan / State Dept of Health	PAGE#	M-9	GROWTH:	20%			

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 200,000	\$ 150,000	\$ 50,000	\$ -	\$ -				\$ 200,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 200,000	\$ 150,000	\$ 50,000	\$ -	\$ 200,000				
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 160,000	\$ 120,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000
Connections		\$ 40,000	\$ 30,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 200,000	\$ 150,000	\$ 50,000	\$ -	\$ 200,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-21

PROGRAM TITLE: SE Reservoir

WA-19

PROGRAM DESCRIPTION:
 This project would design and construct a new X Million Gallon reservoir south of 93rd Avenue on property that has been previously acquired for this purpose. The project will also include the piping necessary to extend the City water system to the reservoir.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Comp Plan / State Dept of Health PAGE# M-9 GROWTH: 80%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 17,500	\$ 900,000				\$ -	\$ 450,000	\$ 450,000		\$ 917,500
Land & R-O-W	\$ 301,500	\$ 500,000					\$ 250,000	\$ 250,000		\$ 801,500
Construction		\$ 6,000,000						\$ 6,000,000		\$ 6,000,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 319,000	\$ 7,400,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 6,700,000	\$ -	\$ 7,719,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 63,800	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000		\$ -	\$ 203,800
Connections	\$ 255,200	\$ 560,000	\$ -	\$ -	\$ -	\$ -	\$ 560,000		\$ -	\$ 815,200
Revenue Bonds		\$ 6,700,000						\$ 6,700,000		\$ 6,700,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ 319,000	\$ 7,400,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 6,700,000	\$ -	\$ 7,719,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: WA-22

WA-20

PROGRAM TITLE: Southwest Wellfield Infrastructure

PROGRAM DESCRIPTION: This project will begin the design and installation of wells and other infrastructure necessary to produce potable water from the Southwest Wellfield.			
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan
		PAGE#	6-8
		GROWTH:	80%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 475,000			\$ 75,000	\$ 175,000	\$ 175,000	\$ 50,000		\$ 475,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 1,450,000				\$ 250,000	\$ 600,000	\$ 600,000		\$ 1,450,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 1,925,000	\$ -	\$ -	\$ 75,000	\$ 425,000	\$ 775,000	\$ 650,000	\$ -	\$ 1,925,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 385,000	\$ -	\$ -	\$ 15,000	\$ 85,000	\$ 155,000	\$ 130,000	\$ -	\$ 385,000
Connections		\$ 1,540,000	\$ -	\$ -	\$ 60,000	\$ 340,000	\$ 620,000	\$ 520,000	\$ -	\$ 1,540,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,925,000	\$ -	\$ -	\$ 75,000	\$ 425,000	\$ 775,000	\$ 650,000	\$ -	\$ 1,925,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

WA-21

PROGRAM TITLE: Pioneer Street Water Extension

PROGRAM DESCRIPTION: Project will extend water on Pioneer Street approximately 650 feet from the end of the existing water to the north end of the Pioneer Street Right-of-way.									
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water Comp Plan	PAGE#	D-9	GROWTH	100%		

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$10,000	\$10,000							\$10,000
Land & R-O-W		\$0	\$0							\$0
Construction		\$65,500	\$65,500							\$65,500
Equipment		\$0	\$0							\$0
Other		\$0	\$0							\$0
TOTAL EXPENSES	\$0	\$75,500	\$75,500	\$0	\$0	\$0	\$0	\$0	\$0	\$75,500
Sources of Funds:										
General Government		\$0	\$0							\$0
Grants		\$0	\$0							\$0
Operating		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Connections		\$75,500	\$75,500	\$0	\$0	\$0	\$0	\$0	\$0	\$75,500
Revenue Bonds		\$0	\$0							\$0
Other		\$0	\$0							\$0
TOTAL SOURCES	\$0	\$75,500	\$75,500	\$0	\$0	\$0	\$0	\$0	\$0	\$75,500

FINANCIAL PLAN FOR THE SANITARY SEWER FUND

PRIORITY	EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YRS	GRAND TOTAL
Capital Projects:											
1	System Rehabilitation Project	\$ -	\$ 3,225,000	\$ 200,000	\$ 425,000	\$ 75,000	\$ 1,425,000	\$ 75,000	\$ 1,025,000	\$ -	\$ 3,225,000
2	Oversizing Program	\$ -	\$ 300,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 300,000
3	Regional Pump Station	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 150,000	\$ 850,000	\$ -	\$ -	\$ -	\$ 1,000,000
4	Old Highway 99 Extension: 79th Avenue to 88th Avenue	\$ -	\$ 820,000	\$ -	\$ -	\$ 60,000	\$ 760,000	\$ -	\$ -	\$ -	\$ 820,000
5	City Operations and Maintenance Facility Relocation	\$ -	\$ 372,000	\$ 12,000	\$ 160,000	\$ 0	\$ 0	\$ 100,000	\$ 100,000	\$ -	\$ 2,672,000
6	Lift Station Flow Meters	\$ -	\$ 250,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 250,000
7	Belmore Court Lift Station Decommissioning	\$ -	\$ 560,000	\$ 112,000	\$ 448,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 560,000
8	Streamland Estates Lift Station	\$ -	\$ 235,000	\$ -	\$ -	\$ -	\$ 35,000	\$ 200,000	\$ -	\$ -	\$ 235,000
9	Lloyd Street Lift Station	\$ -	\$ 293,000	\$ -	\$ -	\$ -	\$ 44,000	\$ 249,000	\$ -	\$ -	\$ 293,000
10	Onsite System Sewering Project	\$ -	\$ 1,210,000	\$ 50,000	\$ 40,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 250,000	\$ -	\$ 1,210,000
11	Comprehensive Plan Review/Update	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
12	Pioneer Street Sewer Extension	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
TOTAL EXPENSES		0	8,365,000	574,000	1,173,000	675,000	3,504,000	1,014,000	1,425,000	2,500,000	10,865,000
SOURCES OF FUNDS:											
General Governmental		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Income		\$ 4,965,400	\$ 368,000	\$ 950,000	\$ 363,000	\$ 1,618,200	\$ 591,200	\$ 1,075,000	\$ 1,310,000	\$ 6,275,400	
Connections		\$ 3,399,600	\$ 206,000	\$ 223,000	\$ 312,000	\$ 1,885,800	\$ 422,800	\$ 350,000	\$ 1,190,000	\$ 4,589,600	
Revenue Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
L.I.D.'s		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other - P WTF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL SOURCES		\$ 8,365,000	\$ 574,000	\$ 1,173,000	\$ 675,000	\$ 3,504,000	\$ 1,014,000	\$ 1,425,000	\$ 2,500,000	\$ 10,865,000	

SIX YEAR FINANCIAL FORECAST

SEWER	2013	2014	2015	2016	2017	2018	2019	2020	2021	2016-2021
Service Collections (Rates)	\$ 1,664,982	\$ 1,761,840	\$ 1,876,371	\$ 1,957,843	\$ 2,042,853	\$ 2,131,553	\$ 2,224,105	\$ 2,320,676	\$ 2,421,440	\$ 13,098,470
Misc. revenues	\$ 8,597	\$ 6,063	\$ 6,000	\$ 6,090	\$ 6,181	\$ 6,274	\$ 6,368	\$ 6,464	\$ 6,561	\$ 37,938
<i>Operating Income (Rates + Misc.)</i>	<i>\$ 1,673,579</i>	<i>\$ 1,767,903</i>	<i>\$ 1,882,371</i>	<i>\$ 1,963,933</i>	<i>\$ 2,049,034</i>	<i>\$ 2,137,827</i>	<i>\$ 2,230,473</i>	<i>\$ 2,327,140</i>	<i>\$ 2,428,000</i>	<i>\$ 13,136,408</i>
Utility Tax	\$ 334,628	\$ 347,234	\$ 365,495	\$ 370,977	\$ 376,542	\$ 382,190	\$ 387,923	\$ 393,742	\$ 399,648	\$ 2,311,023
LOTT (Pass Thru incl. CDC)	\$ 4,872,837	\$ 4,921,136	\$ 4,792,567	\$ 5,032,195	\$ 5,283,805	\$ 5,547,995	\$ 5,825,395	\$ 6,116,665	\$ 6,422,498	\$ 34,228,554
Interfund Payment - Golf Course	\$ 590,721	\$ 541,233	\$ 424,233	\$ 440,000	\$ 440,000	\$ 440,000	\$ 440,000	\$ 440,000	\$ 440,000	\$ 2,640,000
Connection Fees	\$ 434,181	\$ 428,478	\$ 296,050	\$ 302,500	\$ 311,000	\$ 319,750	\$ 328,750	\$ 338,000	\$ 347,500	\$ 1,947,500
TOTAL REVENUES	\$ 11,555,131	\$ 12,203,418	\$ 12,764,112	\$ 12,370,322	\$ 12,975,189	\$ 13,034,796	\$ 13,648,900	\$ 11,493,388	\$ 11,890,281	\$ 58,524,200
EXPENDITURES										
O & M (including Administration)	\$ 1,413,136	\$ 1,308,021	\$ 1,558,784	\$ 1,613,341	\$ 1,669,808	\$ 1,728,252	\$ 1,788,740	\$ 1,851,346	\$ 1,916,144	\$ 10,567,632
Debt Service	\$ 83,125	\$ 41,651	\$ 5,588	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital - Operating Income	\$ -	\$ -	\$ -	\$ 393,000	\$ 975,000	\$ 388,000	\$ 1,643,200	\$ 616,200	\$ 1,100,000	\$ 5,115,400
<i>Operating Income Supported Sub-Total</i>	<i>\$ 1,496,261</i>	<i>\$ 1,349,672</i>	<i>\$ 1,564,372</i>	<i>\$ 2,006,341</i>	<i>\$ 2,644,808</i>	<i>\$ 2,116,252</i>	<i>\$ 3,431,940</i>	<i>\$ 2,467,546</i>	<i>\$ 3,016,144</i>	<i>\$ 15,683,032</i>
Utility Tax Transfer	\$ 332,970	\$ 344,824	\$ 363,295	\$ 370,977	\$ 376,542	\$ 382,190	\$ 387,923	\$ 393,742	\$ 399,648	\$ 2,311,023
LOTT (Pass Thru incl. CDC)	\$ 4,856,785	\$ 4,927,380	\$ 4,873,171	\$ 5,032,195	\$ 5,283,805	\$ 5,547,995	\$ 5,825,395	\$ 6,116,665	\$ 6,422,498	\$ 34,228,554
Interfund Loan	\$ 405,721	\$ 356,233	\$ 299,623	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 1,440,000
Capital - Connections	\$ 265,960	\$ 221,913	\$ 1,402,935	\$ 206,000	\$ 223,000	\$ 312,000	\$ 1,885,800	\$ 422,800	\$ 350,000	\$ 3,399,600
TOTAL EXPENSES	\$ 7,357,697	\$ 7,200,022	\$ 8,503,396	\$ 7,855,514	\$ 8,768,156	\$ 8,598,437	\$ 11,771,059	\$ 9,640,753	\$ 10,428,290	\$ 57,062,209
ENDING FUND BALANCE	\$ 4,197,434	\$ 5,003,396	\$ 4,260,716	\$ 4,514,808	\$ 4,207,033	\$ 4,436,359	\$ 1,877,842	\$ 1,852,635	\$ 1,461,992	\$ 1,461,992
RATE Increase	0% - \$0.00	2.8% - \$0.41	2.8% - \$0.42	2.8% - \$0.43	2.8% - \$0.45	2.8% - \$0.45	2.8% - \$0.47	2.8% - \$0.48	2.8% - \$0.50	
CONNECTION FEE Increase	0% - \$2228	2.8% - \$2290	2.8% - \$2354	2.8% - \$2420	2.8% - \$2488	2.8% - \$2558	2.8% - \$2630	2.8% - \$2704	2.8% - \$2780	

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Sanitary Sewer
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: SS-01

SS-01

PROGRAM TITLE: System Rehabilitation Project

PROGRAM DESCRIPTION:
 This project provides for the systematic rehabilitation of aging sanitary sewer lines in various areas of the City. The funding demonstrates an initial planning project to evaluate and define projects to be completed. A prioritized list of projects, using the data gathered from CCTV inspections of the sewer system, will be developed. The actual construction method will be based on the characteristics of the individual replacements. Project not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: GSP Projects 1 & 7 PAGE# 9-4 GROWTH: 20%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 425,000	\$ 200,000	\$ 25,000	\$ 75,000	\$ 25,000	\$ 75,000	\$ 25,000		\$ 425,000
Land & R-O-W										
Construction	\$ -	\$ 2,800,000	\$ -	\$ 400,000		\$ 1,400,000		\$ 1,000,000		\$ 2,800,000
Equipment										
Other										
TOTAL EXPENSES	\$ -	\$ 3,225,000	\$ 200,000	\$ 425,000	\$ 75,000	\$ 1,425,000	\$ 75,000	\$ 1,025,000	\$ -	\$ 3,225,000
Sources of Funds:										
General Government								\$ -	\$ -	\$ -
Grants								\$ -	\$ -	\$ -
Operating Income	\$ -	\$ 2,580,000	\$ 160,000	\$ 340,000	\$ 60,000	\$ 1,140,000	\$ 60,000	\$ 820,000	\$ -	\$ 2,580,000
Connections	\$ -	\$ 645,000	\$ 40,000	\$ 85,000	\$ 15,000	\$ 285,000	\$ 15,000	\$ 205,000	\$ -	\$ 645,000
Revenue Bonds										
L.I.D.'s										
Other										
TOTAL SOURCES	\$ -	\$ 3,225,000	\$ 200,000	\$ 425,000	\$ 75,000	\$ 1,425,000	\$ 75,000	\$ 1,025,000	\$ -	\$ 3,225,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Sanitary Sewer
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: SS-02

SS-02

PROGRAM TITLE: Oversizing Program

PROGRAM DESCRIPTION: The City will participate in the funding for those projects identified in the Sanitary Sewer Comprehensive Plan to the extent the sewers are constructed as "oversized" per the comp plan. The oversizing costs shall be the incremental cost above the cost required to install an 8-inch line. Oversizing will only be funded for those projects where the diameter of pipe greater than 8-inches is required due to capacity beyond the needs of the development. Project due to growth.				
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN: Comprehensive Plan	PAGE#	GROWTH: 90%

FINANCIAL DATA										
EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -								\$ -
Land & R-O-W		\$ -								\$ -
Construction		\$ 300,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		\$ 300,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 300,000	\$ 50,000	\$ -	\$ 300,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 30,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	\$ 30,000
Connections		\$ 270,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ -	\$ 270,000
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 300,000	\$ 50,000	\$ -	\$ 300,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Sanitary Sewer
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: SS-03

SS-03

PROGRAM TITLE: Regional Pump Station

PROGRAM DESCRIPTION:

This project would fund the construction of a regional pump station in one of the growth areas of the City. City funding of the station would be to prevent the development of on-site community septic systems in areas of small developments where the construction of a regional station isn't financially feasible. Location and timing of the project would be determined based on development activity. Project due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Comprehensive Plan PAGE# GROWTH: 90%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 150,000			\$ 150,000					\$ 150,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 850,000				\$ 850,000				\$ 850,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 150,000	\$ 850,000	\$ -	\$ -	\$ -	\$ 1,000,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 100,000	\$ -	\$ -	\$ 15,000	\$ 85,000	\$ -	\$ -	\$ -	\$ 100,000
Connections		\$ 900,000	\$ -	\$ -	\$ 135,000	\$ 765,000	\$ -	\$ -	\$ -	\$ 900,000
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 150,000	\$ 850,000	\$ -	\$ -	\$ -	\$ 1,000,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Sanitary Sewer
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SS-04

SS-04

PROGRAM TITLE: Old Highway 99 Extension: 79th Avenue to 88th Avenue

PROGRAM DESCRIPTION: This project would fund the construction of the sewer infrastructure to serve the southeast area of the City. Timing of the project is dependent on development activity. Project due to growth.			
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN: Comprehensive Plan	PAGE#
			GROWTH: 90%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 60,000			\$ 60,000	\$ -				\$ 60,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 760,000				\$ 760,000				\$ 760,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 820,000	\$ -	\$ -	\$ 60,000	\$ 760,000	\$ -	\$ -	\$ -	\$ 820,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 82,000	\$ -	\$ -	\$ 6,000	\$ 76,000	\$ -	\$ -	\$ -	\$ 82,000
Connections		\$ 738,000	\$ -	\$ -	\$ 54,000	\$ 684,000	\$ -	\$ -	\$ -	\$ 738,000
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 820,000	\$ -	\$ -	\$ 60,000	\$ 760,000	\$ -	\$ -	\$ -	\$ 820,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SS-05

PROGRAM TITLE: City Operations and Maintenance Facility Relocation

<p>PROGRAM DESCRIPTION: This project includes the demolition, master planning, design and construction for a new Public Works and Facilities Divisions Operations and Maintenance Facility at the City's Trails End Drive property. Costs are distributed 25% General Fund, 35% Water, 20% Sewer and 20% Storm. 2016 and 2017 funding for demolition and Master planning will be from fund balances. Design and construction which will be debt financed and are shown in General Fund CFP. Funds shown here 2020-future are debt payments for Sewer Utility Only (20% of Total Annual \$500k payment). Will serve existing and growth.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: City Hall Campus Master Plan PAGE# GROWTH: 50%</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 12,000	\$ 12,000							\$ 12,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 160,000		\$ 160,000						\$ 160,000
Equipment		\$ -								\$ -
Other (Debt Payment)		\$ 200,000					\$ 100,000	\$ 100,000	\$ 2,300,000	\$ 2,500,000
TOTAL EXPENSES	\$ -	\$ 372,000	\$ 12,000	\$ 160,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 2,300,000	\$ 2,672,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 186,000	\$ 6,000	\$ 80,000	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 1,150,000	\$ 1,336,000
Connections	\$ -	\$ 186,000	\$ 6,000	\$ 80,000	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 1,150,000	\$ 1,336,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 372,000	\$ 12,000	\$ 160,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 2,300,000	\$ 2,672,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SS-06

PROGRAM TITLE: Lift Station Flow Meters

<p>PROGRAM DESCRIPTION: This project will purchase and install flow meters on critical lift stations to aid in tracking pump condition and alert Operations of potential downstream issues. This information will also serve to improve asset management, tracking asset life cycles and repair intervals, as recommended by the 2015 General Sewer Plan.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 GSP PAGE# p.8-7 GROWTH: 10%</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 25,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000			\$ 25,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -	\$ -	\$ -						\$ -
Equipment		\$ 225,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000			\$ 225,000
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 250,000	\$ 50,000	\$ -	\$ -	\$ 250,000				
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 225,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ -	\$ -	\$ 225,000
Connections	\$ -	\$ 25,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 25,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 250,000	\$ 50,000	\$ -	\$ -	\$ 250,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SS-07

PROGRAM TITLE: Belmore Court Lift Station Decommissioning

<p>PROGRAM DESCRIPTION: This project involves the extension of sewer on 70th Avenue to Belmore Court. This area is currently served by a lift station and force main. The gravity extension would allow the decommissioning and removal of the existing lift station and allow the area to be served by gravity.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 GSP PAGE# p.8-7 GROWTH: 0%</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 112,000	\$ 112,000							\$ 112,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 448,000		\$ 448,000						\$ 448,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 560,000	\$ 112,000	\$ 448,000	\$ -	\$ 560,000				
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 560,000	\$ 112,000	\$ 448,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 560,000
Connections	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 560,000	\$ 112,000	\$ 448,000	\$ -	\$ 560,000				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SS-08

PROGRAM TITLE: Streamland Estates Lift Station

<p>PROGRAM DESCRIPTION: Project will upgrade the Streamland Estates lift station to account for modeled deficiencies to accommodate growth in the system. The existing system has an oversized wet well; upgrades include: new pumps, valves piping and associated equipment.</p> <p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 GSP PAGE# p.8-7 GROWTH: 100%</p>
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FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 35,000				\$ 35,000				\$ 35,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 200,000					\$ 200,000			\$ 200,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 235,000	\$ -	\$ -	\$ -	\$ 35,000	\$ 200,000	\$ -	\$ -	\$ 235,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Connections	\$ -	\$ 235,000	\$ -	\$ -	\$ -	\$ 35,000	\$ 200,000	\$ -	\$ -	\$ 235,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 235,000	\$ -	\$ -	\$ -	\$ 35,000	\$ 200,000	\$ -	\$ -	\$ 235,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SS-09

PROGRAM TITLE: Lloyd Street Lift Station

<p>PROGRAM DESCRIPTION: Project will upgrade the Lloyd Street lift station to account for modeled deficiencies to accommodate growth in the system. Upgrades include: wet well oversizing, new pumps, valves piping and associated equipment.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 GSP PAGE# p.8-7 GROWTH: 20%</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 44,000				\$ 44,000				\$ 44,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 249,000					\$ 249,000			\$ 249,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 293,000	\$ -	\$ -	\$ -	\$ 44,000	\$ 249,000	\$ -	\$ -	\$ 293,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 234,400	\$ -	\$ -	\$ -	\$ 35,200	\$ 199,200	\$ -	\$ -	\$ 234,400
Connections	\$ -	\$ 58,600	\$ -	\$ -	\$ -	\$ 8,800	\$ 49,800	\$ -	\$ -	\$ 58,600
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 293,000	\$ -	\$ -	\$ -	\$ 44,000	\$ 249,000	\$ -	\$ -	\$ 293,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Water
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SS-10

PROGRAM TITLE: Onsite System Sewering Project

<p>PROGRAM DESCRIPTION: Project provides funding for extension of sewer mains to neighborhoods to facilitate onsite system conversions to sanitary sewer for aquifer protection and public health. Project prioritization results from regional and City evaluation processes. This program is currently under consideration and has not been fully defined.</p> <p>IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE# GROWTH: 20%</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 210,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000			\$ 210,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 1,000,000			\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000		\$ 1,000,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 1,210,000	\$ 50,000	\$ 40,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 250,000	\$ -	\$ 1,210,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 968,000	\$ 40,000	\$ 32,000	\$ 232,000	\$ 232,000	\$ 232,000	\$ 200,000	\$ -	\$ 968,000
Connections	\$ -	\$ 242,000	\$ 10,000	\$ 8,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 50,000	\$ -	\$ 242,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,210,000	\$ 50,000	\$ 40,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 250,000	\$ -	\$ 1,210,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Sanitary Sewer
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SS-01

SS-11

PROGRAM TITLE: Comprehensive Plan Review/Update

PROGRAM DESCRIPTION: Review the existing Sanitary Sewer Comp Plan (last completed in 2015) and update it to reflect current development trends within the service area and incorporate current LOTT plans. Would look at possible satellite treatment locations and joint use pipelines. A focus would be placed on developing CFP projects to make sewers available to areas where development is expected. Program will serve both existing and growth.				
IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN: WAC 173-240	PAGE#	GROWTH: 20%

FINANCIAL DATA										
EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -							\$ 200,000	\$ 200,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 200,000	\$ 200,000							
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000	\$ 160,000
Connections	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 200,000	\$ 200,000							

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Jay Eaton
FUND: Sanitary Sewer
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SS-12

PROGRAM TITLE: Pioneer Street Sewer Extension

<p>PROGRAM DESCRIPTION: Project will extend sewer on Pioneer Street approximately 650 feet from the end of the existing sewer to the north end of the Pioneer Street Right-of-way. This project will also include the conversion of an on-site septic system serving a CDBG eligible property, to City sewer. The abandonment of the septic system, on-site lateral connection and connection fees are included in the CDBG funding (\$30,000) and not included in the costs identified here.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? CDBG Program PLAN: PAGE# GROWTH: 100%</p>

FINANCIAL DATA										
EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 15,000	\$ 15,000							\$ 15,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 85,000	\$ 85,000							\$ 85,000
Equipment		\$ -								\$ -
Other (Connect Charges)		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Connections	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000					

FINANCIAL PLAN FOR THE STORM DRAIN FUND

Project	EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YRS	GRAND TOTAL
Capital Projects:											
1	Wetland Mitigation - Land Acquisition	\$ -	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
2	Stormwater Design Manual Update	\$ -	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000
3	Turnwater Valley Regional Facility	\$ 487,000	\$ 1,280,000	\$ 25,000	\$ 755,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,767,000
4	Comprehensive Stormwater Program Plan Update	\$ 50,000	\$ 105,000	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155,000
5	Deschutes Habitat Restoration Projects	\$ -	\$ 175,000	\$ 25,000	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ 175,000
6	Emerging Projects	\$ -	\$ 150,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ 150,000
7	East Linwood Basin Design & Permitting	\$ 120,000	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 195,000
8	DeSoto Canyon Riparian Area Restoration	\$ 11,050	\$ 82,500	\$ 27,500	\$ 27,500	\$ 27,500	\$ -	\$ -	\$ -	\$ -	\$ 93,550
9	Kirsop Road Grade Modification and Reconstruction	\$ 38,500	\$ 445,000	\$ 45,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 483,500
10	Mottman Industrial Area Basin Evaluation	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
11	Kirsop Road Stormwater Improvements	\$ -	\$ 515,000	\$ -	\$ 50,000	\$ 135,000	\$ 330,000	\$ -	\$ -	\$ -	\$ 515,000
12	54th & Kirsop Road Flooding Reduction	\$ -	\$ 45,000	\$ -	\$ 5,000	\$ 10,000	\$ 30,000	\$ -	\$ -	\$ -	\$ 45,000
13	66th Ave Culvert Replacement	\$ -	\$ 335,000	\$ -	\$ 25,000	\$ 80,000	\$ 230,000	\$ -	\$ -	\$ -	\$ 335,000
14	Belmore Road Culvert Replacement	\$ -	\$ 170,000	\$ -	\$ 60,000	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ 170,000
15	North Custer Way Stormdrain Redirection	\$ -	\$ 110,000	\$ -	\$ -	\$ 10,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 110,000
16	Sapp Road Culvert Replacement	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000	\$ -	\$ 625,000
17	City Operations and Maintenance Facility Relocation	\$ -	\$ 372,000	\$ 12,000	\$ 160,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 2,300,000	\$ 2,672,000
18	Fish Pond Creek Culvert Replacements	\$ -	\$ 110,000	\$ 40,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000
19	Percival Headwater Culvert Repl. & Drainage Impr's.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
20	North Kirsop Rd Culvert Replacement	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000	\$ 495,000
21	Black Lake Belmore Rd Culvert Replacements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ 330,000
22	66th Ave & Cavalier Culvert Replacements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000	\$ 340,000
23	54th Ave / Trospen Rd Culvert Replacements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 455,000	\$ 455,000
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES:			\$ 4,919,500	\$ 554,500	\$ 1,727,500	\$ 972,500	\$ 740,000	\$ 275,000	\$ 650,000	\$ 4,020,000	\$ 10,046,500
SOURCES OF FUNDS:											
	General Governmental	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grants	\$ 1,623,750	\$ 27,500	\$ 643,750	\$ 427,500	\$ 25,000	\$ 25,000	\$ 475,000	\$ -	\$ -	\$ 1,623,750
	Storm	\$ 3,295,750	\$ 527,000	\$ 1,083,750	\$ 545,000	\$ 715,000	\$ 250,000	\$ 175,000	\$ -	\$ -	\$ 3,295,750
	G.O. Bonds: Non-Voted	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	G.O. Bonds: Voted	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Revenue Bonds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	L.I.D.'s	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Other - PWTF Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL SOURCES:			\$ 4,919,500	\$ 554,500	\$ 1,727,500	\$ 972,500	\$ 740,000	\$ 275,000	\$ 650,000	\$ 4,919,500	\$ 4,919,500

SIX YEAR FORECAST

STORM DRAINAGE	2013	2014	2015	2016	2017	2018	2019	2020	2021	2016-2021
REVENUES:										
Beginning Fund Balance	\$ 2,174,476	\$ 2,383,436	\$ 2,505,354	\$ 1,990,293	\$ 1,780,519	\$ 1,010,139	\$ 824,996	\$ 519,237	\$ 730,909	\$ 1,990,293
Rates	\$ 1,478,627	\$ 1,692,124	\$ 1,643,300	\$ 1,751,347	\$ 1,866,498	\$ 1,951,330	\$ 2,040,018	\$ 2,132,737	\$ 2,229,670	\$ 11,971,601
Utility Tax	\$ 84,608	\$ 93,899	\$ 94,956	\$ 105,081	\$ 111,990	\$ 117,080	\$ 122,401	\$ 127,964	\$ 133,780	\$ 718,296
Misc. Revenues	\$ 3,624	\$ 2,360	\$ 3,250	\$ 3,315	\$ 3,381	\$ 3,449	\$ 3,518	\$ 3,588	\$ 3,660	\$ 20,911
Grants	\$ 92,891	\$ 665,330	\$ 748,540	\$ 27,500	\$ 643,750	\$ 427,500	\$ 25,000	\$ 25,000	\$ 475,000	\$ 1,623,750
Interfund Loan Payments Received	\$ 81,598	\$ 81,598	\$ 81,598	\$ 81,598	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,598
TOTAL REVENUES	\$ 3,915,824	\$ 4,918,747	\$ 5,076,998	\$ 3,959,134	\$ 4,406,138	\$ 3,509,498	\$ 3,015,933	\$ 2,808,526	\$ 3,573,019	\$ 16,406,449
EXPENDITURES:										
O & M (including Admin.)	\$ 1,190,297	\$ 1,285,144	\$ 1,462,472	\$ 1,499,034	\$ 1,536,510	\$ 1,574,922	\$ 1,614,295	\$ 1,654,653	\$ 1,696,019	\$ 9,575,433
Utility Tax Transfer	\$ 84,889	\$ 93,899	\$ 94,956	\$ 105,081	\$ 111,990	\$ 117,080	\$ 122,401	\$ 127,964	\$ 133,780	\$ 718,296
Debt Service	\$ 11,281	\$ 5,652	\$ 1,476	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Expenses Sub-Total	\$ 1,286,467	\$ 1,384,695	\$ 1,558,904	\$ 1,604,115	\$ 1,648,500	\$ 1,692,002	\$ 1,736,697	\$ 1,782,617	\$ 1,829,799	\$ 10,293,729
Capital	\$ 245,921	\$ 1,028,698	\$ 1,527,801	\$ 574,500	\$ 1,747,500	\$ 992,500	\$ 760,000	\$ 295,000	\$ 670,000	\$ 5,039,500
TOTAL EXPENSES	\$ 1,532,388	\$ 2,413,393	\$ 3,086,705	\$ 2,178,615	\$ 3,396,000	\$ 2,684,502	\$ 2,496,697	\$ 2,077,617	\$ 2,499,799	\$ 15,333,229
ENDING FUND BALANCE	\$ 2,383,436	\$ 2,505,354	\$ 1,990,293	\$ 1,780,519	\$ 1,010,139	\$ 824,996	\$ 519,237	\$ 730,909	\$ 1,073,220	\$ 1,073,220
Rate Increases	5% - \$0.39	5% - \$0.40	5% - \$0.42	5% - \$0.44	5% - \$0.46	3% - \$0.29	3% - \$0.31	3% - \$0.31	3% - \$0.32	

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SD-01

PROGRAM TITLE: Wetland Mitigation - Land Acquisition

<p>PROGRAM DESCRIPTION: Reserve funds for the acquisition of lands for stormwater related projects requiring wetland mitigation. Funds can be used for preservation or enhancement.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE#</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ -								\$ -
Land & R-O-W		\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000					\$ 150,000
Construction		\$ -	\$ -							\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm	\$ -	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000					\$ 150,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SD-02

PROGRAM TITLE: Stormwater Design Manual Update

<p>PROGRAM DESCRIPTION: Funding to acquire consultant support for the review and update of the City's Drainage Design & Erosion Control Manual. Adoption of a manual compliant with WA State Department of Ecology's 2012 Stormwater Manual is a requirement of the City's NPDES permit. Consultants will assist the City in conducting an audit of the existing manual to highlight needed changes, integrate more stringent code requirements and facilitate the acceptance process with the WA Department of Ecology as needed. In addition to State permit compliance requirements, Tumwater's Conservation Plan recommends adoption of new development standards within one year of state adoption of final rules.</p> <p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: State Requirement PAGE#</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 125,000	\$ 125,000	\$ -						\$ 125,000
Land & R-O-W		\$ -	\$ -							\$ -
Construction		\$ -	\$ -							\$ -
Equipment		\$ -	\$ -							\$ -
Other		\$ -	\$ -							\$ -
TOTAL EXPENSES	\$ -	\$ 125,000	\$ 125,000	\$ -	\$ 125,000					
Sources of Funds:										
General Government		\$ -	\$ -							\$ -
Grants		\$ -	\$ -							\$ -
Water/Sewer/Storm	\$ -	\$ 125,000	\$ 125,000							\$ 125,000
G.O. Bonds: NonVtd		\$ -	\$ -							\$ -
G.O. Bonds: Voted		\$ -	\$ -							\$ -
Revenue Bonds		\$ -	\$ -							\$ -
L.I.D.'s		\$ -	\$ -							\$ -
Other		\$ -	\$ -							\$ -
TOTAL SOURCES	\$ -	\$ 125,000	\$ 125,000	\$ -	\$ 125,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: SD-03

SD-03

PROGRAM TITLE: Tumwater Valley Regional Facility

<p>PROGRAM DESCRIPTION: Project includes the construction of a regional facility for treatment and detention of discharge from 2 major outfalls, M Street Basin and Littlerock/2nd Avenue with a drainage area of approximately 200 acres. Project includes outfall retrofit as a constructed wetland, walking trail, educational signage, wetland mitigation and electrical realignment to treat stormwater discharges to the Deschutes River. Planning and permitting is largely complete; construction is dependent on grant funding. Project will serve both existing and growth.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE#</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 285,000	\$ 30,000	\$ 25,000	\$ 5,000						\$ 315,000
Land & R-O-W	\$ 202,000	\$ -								\$ 202,000
Construction		\$ 1,250,000		\$ 750,000	\$ 500,000					\$ 1,250,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 487,000	\$ 1,280,000	\$ 25,000	\$ 755,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,767,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants	\$ 55,000	\$ 941,250	\$ -	\$ 566,250	\$ 375,000					\$ 996,250
Water/Sewer/Storm	\$ 432,000	\$ 338,750	\$ 25,000	\$ 188,750	\$ 125,000					\$ 770,750
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 487,000	\$ 1,280,000	\$ 25,000	\$ 755,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,767,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-05

SD-04

PROGRAM TITLE: Comprehensive Stormwater Program Plan Update

<p>PROGRAM DESCRIPTION: Project will update the 2003 Comprehensive Stormwater Program Plan, intending to review and update program capacities for illicit discharge detection and elimination, NPDES-related education programs, technical assistance programs, funding sources and staffing levels. Regular updates to the City's Comprehensive Stormwater Plan are required through the City's NPDES permit.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE#</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 50,000	\$ 105,000	\$ 105,000	\$ -						\$ 155,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 50,000	\$ 105,000	\$ 105,000	\$ -	\$ 155,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants	\$ 50,000	\$ -	\$ -							\$ 50,000
Water/Sewer/Storm		\$ 105,000	\$ 105,000							\$ 105,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 50,000	\$ 105,000	\$ 105,000	\$ -	\$ 155,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-06

SD-05

PROGRAM TITLE: Deschutes Habitat Restoration Projects

<p>PROGRAM DESCRIPTION: Project will design and implement habitat enhancement projects in advance of Total Maximum Daily Load (TMDL) compliance actions relating to shade development on the Deschutes River, and aid in restoration projects completion as outlined in the City's Shoreline Management Plan.</p> <p>IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: NPDES Permit / Shoreline Management Plan PAGE# Multiple</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 25,000	\$ 25,000	\$ -						\$ 25,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 150,000		\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000		\$ 150,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 175,000	\$ 25,000	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ 175,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ 150,000		\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000		\$ 150,000
Water/Sewer/Storm		\$ 25,000	\$ 25,000							\$ 25,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 175,000	\$ 25,000	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ 175,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-07

SD-06

PROGRAM TITLE: Emerging Projects

PROGRAM DESCRIPTION:
 This funding would be used to deal with unanticipated capital facilities needs that arise throughout the year. Typically, they would be used for construction or modification of City facilities in conjunction with construction by private development, or to deal with problems that may occur. Would serve both existing and growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -		\$ -						\$ -
Land & R-O-W		\$ -								\$ -
Construction		\$ 150,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000		\$ 150,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 150,000	\$ 25,000	\$ -	\$ 150,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ 150,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000		\$ 150,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 150,000	\$ 25,000	\$ -	\$ 150,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-08

SD-07

PROGRAM TITLE: East Linwood Basin Design & Permitting

PROGRAM DESCRIPTION:
 Project will complete design and initiate the permitting process to retrofit a stormwater drainage outfall from the East Linwood basin. Initial evaluations of flow and water quality impacts to the Deschutes River were completed during an initial grant-funded design phase in 2014-2015. The project is intended to address stormwater impacts including excessive stormwater velocity, shoreline erosion and untreated water quality.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 120,000	\$ 75,000	\$ 75,000							\$ 195,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 120,000	\$ 75,000	\$ 75,000	\$ -	\$ 195,000					
Sources of Funds:										
General Government		\$ -								\$ -
Grants	\$ 120,000	\$ -								\$ 120,000
Water/Sewer/Storm		\$ 75,000	\$ 75,000							\$ 75,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 120,000	\$ 75,000	\$ 75,000	\$ -	\$ 195,000					

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-09

SD-08

PROGRAM TITLE: DeSoto Canyon Riparian Area Restoration

<p>PROGRAM DESCRIPTION: Project will design and implement riparian enhancement projects, such as knotweed and english ivy removal throughout the canyon, to promote the survivability of soil-stabilizing trees, reduce potential for sediment transport and improve water quality prior to discharge to the Deschutes River.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: Shoreline Management Plan PAGE# 29</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 1,750	\$ 7,500	\$ 2,500	\$ 2,500	\$ 2,500					\$ 9,250
Land & R-O-W		\$ -								\$ -
Construction	\$ 9,300	\$ 75,000	\$ 25,000	\$ 25,000	\$ 25,000					\$ 84,300
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 11,050	\$ 82,500	\$ 27,500	\$ 27,500	\$ 27,500	\$ -	\$ -	\$ -	\$ -	\$ 93,550
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ 82,500	\$ 27,500	\$ 27,500	\$ 27,500					\$ 82,500
Water/Sewer/Storm	\$ 11,050	\$ -								\$ 11,050
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 11,050	\$ 82,500	\$ 27,500	\$ 27,500	\$ 27,500	\$ -	\$ -	\$ -	\$ -	\$ 93,550

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-10

SD-09

PROGRAM TITLE: Kirsop Road Grade Modification and Reconstruction

PROGRAM DESCRIPTION:
 This project would be done as part of the reconstruction of approximately 800 feet of Kirsop Road through the wetland area that is underwater for most of the year, that is included in the Transportation CFP. Project includes raising the road grade, installation of culverts, construction of embankment/retaining walls, reconstruction of the road and wetland mitigation as necessary. The Storm Fund portion of the project includes the installation of the culverts and other work necessary to maintain the existing wetlands. Project is not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: Annexation Area Drainage Study, #7.4 PAGE# 48

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 38,500	\$ 45,000	\$ 45,000	\$ -						\$ 83,500
Land & R-O-W		\$ -								\$ -
Construction		\$ 400,000		\$ 400,000						\$ 400,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 38,500	\$ 445,000	\$ 45,000	\$ 400,000	\$ -	\$ 483,500				
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm	\$ 38,500	\$ 445,000	\$ 45,000	\$ 400,000						\$ 483,500
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 38,500	\$ 445,000	\$ 45,000	\$ 400,000	\$ -	\$ 483,500				

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-11

SD-10

PROGRAM TITLE: Mottman Industrial Area Basin Evaluation

<p>PROGRAM DESCRIPTION: Project will evaluate drainage concerns in the Mottman Industrial business park, including flooding at Crites pond and right-of-way flooding along 29th. Assessment will consider conveyance conditions, alternatives and recommendations for reducing flooding and water quality impacts to receiving waters and adjacent wetlands.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE#</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 50,000		\$ 50,000						\$ 50,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ 50,000		\$ 50,000						\$ 50,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-12

SD-11

PROGRAM TITLE: Kirsop Road Stormwater Improvements

<p>PROGRAM DESCRIPTION: To address flooding along the north/south segment of Kirsop Road SW adjacent to Fish Trap Creek, project will replace existing undersized culvert with 8' x 2' box culvert; install and/or regrade existing swales along the west half of this segment adjacent to the Fish Trap Creek crossing and install a water quality treatment facility to treat stormwater runoff from the paved surface. Project is not due to growth.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: Annexation Area Drainage Study, #7.4 PAGE# 48</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 125,000		\$ 50,000	\$ 75,000					\$ 125,000
Land & R-O-W		\$ 60,000			\$ 60,000					\$ 60,000
Construction		\$ 330,000				\$ 330,000				\$ 330,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 515,000	\$ -	\$ 50,000	\$ 135,000	\$ 330,000	\$ -	\$ -	\$ -	\$ 515,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ 515,000		\$ 50,000	\$ 135,000	\$ 330,000				\$ 515,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 515,000	\$ -	\$ 50,000	\$ 135,000	\$ 330,000	\$ -	\$ -	\$ -	\$ 515,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-13

SD-12

PROGRAM TITLE: 54th & Kirsop Road Flooding Reduction

PROGRAM DESCRIPTION:

An undersized drainage ditch flowing east toward Percival Creek on the north side of 54th Avenue (Trosper) has led to localized flooding issues. Natural topography suggests this flow was redirected toward Percival Creek from Fish Pond Creek prior to the construction of 54th Avenue. This project will divert stormwater flows to the natural drainage course through the installation of a cross culvert along the west side of Kirsop Road at its intersection with 54th. Flows will continue south through existing ditches along the west side of Kirsop Road. Project is not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: Annexation Area Drainage Study #7.6 PAGE# 49

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 15,000		\$ 5,000	\$ 10,000					\$ 15,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 30,000				\$ 30,000				\$ 30,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 45,000	\$ -	\$ 5,000	\$ 10,000	\$ 30,000	\$ -	\$ -	\$ -	\$ 45,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ 45,000		\$ 5,000	\$ 10,000	\$ 30,000				\$ 45,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 45,000	\$ -	\$ 5,000	\$ 10,000	\$ 30,000	\$ -	\$ -	\$ -	\$ 45,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-14

SD-13

PROGRAM TITLE: 66th Ave Culvert Replacement

PROGRAM DESCRIPTION:
 Culvert #26 has been identified as undersized in the Annexation Area Drainage Study, in project #7.2. The existing 46" x 72" CMP Arch Pipe culvert conveys Fish Pond Creek at 66th Ave. The culvert is recommended to be replaced with two 48" diameter culvert pipes. Project is not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Annexation Area Drainage Study PAGE# 47

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 105,000		\$ 25,000	\$ 80,000					\$ 105,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 230,000				\$ 230,000				\$ 230,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 335,000	\$ -	\$ 25,000	\$ 80,000	\$ 230,000	\$ -	\$ -	\$ -	\$ 335,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ 335,000		\$ 25,000	\$ 80,000	\$ 230,000				\$ 335,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 335,000	\$ -	\$ 25,000	\$ 80,000	\$ 230,000	\$ -	\$ -	\$ -	\$ 335,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-15

SD-14

PROGRAM TITLE: Belmore Road Culvert Replacement

PROGRAM DESCRIPTION:
 To reduce backwater conditions and alleviate flooding along Fish Pond Creek, two existing 30" diameter CMP culverts will be replaced with two 12' x 2' box culverts. Project is identified as #7.3 in the Annexation Area Drainage Study. Project is not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Annexation Area Drainage Study PAGE# 47

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 60,000		\$ 60,000						\$ 60,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 110,000			\$ 110,000					\$ 110,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 170,000	\$ -	\$ 60,000	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ 170,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ 170,000		\$ 60,000	\$ 110,000					\$ 170,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 170,000	\$ -	\$ 60,000	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ 170,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-16

SD-15

PROGRAM TITLE: North Custer Way Stormdrain Redirection

PROGRAM DESCRIPTION:
 Stormwater flows in the vicinity of Custer Way and Capitol Boulevard are currently directed to a system under the Capitol Boulevard Bridge that surcharges due to its configuration. This project would evaluate the possibility of redirecting and/or realigning the stormwater flows to eliminate this situation. This would ease potential problems associated with erosion due to stormwater under the bridge on former All American Bottling property. Timing of the project is dependent on being able to acquire an easement from the property owner and will be coordinated with improvements identified in the Brewery District Plan currently under development. Project is not due to growth.

IS PROJECT RECOMMENDED BY PLAN/POLICY? No PLAN: PAGE#

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 10,000			\$ 10,000					\$ 10,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 100,000				\$ 100,000				\$ 100,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 110,000	\$ -	\$ -	\$ 10,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 110,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ 110,000			\$ 10,000	\$ 100,000				\$ 110,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 110,000	\$ -	\$ -	\$ 10,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 110,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: SD-17

SD-16

PROGRAM TITLE: Sapp Road Culvert Replacement

<p>PROGRAM DESCRIPTION: This project will replace the existing culvert at Sapp Road, which, due to its size, gradient and elevation, has become a fish passage barrier to upstream and downstream migration. The City will work with South Puget Sound Salmon Enhancement Group and the Washington State Department of Fish and Wildlife to complete design and construction of the project. This project is dependent on receiving grant funding. Staff will continue to pursue available grant opportunities for this project. Project not due to growth.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: Shoreline Master Plan, Restoration program PAGE# 31</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 125,000					\$ 125,000			\$ 125,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 500,000						\$ 500,000		\$ 500,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000	\$ -	\$ 625,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ 450,000						\$ 450,000		\$ 450,000
Water/Sewer/Storm		\$ 175,000					\$ 125,000	\$ 50,000		\$ 175,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000	\$ -	\$ 625,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: SD-18

SD-17

PROGRAM TITLE: City Operations and Maintenance Facility Relocation

<p>PROGRAM DESCRIPTION: This project includes the demolition, master planning, design and construction for a new Public Works and Facilities Divisions Operations and Maintenance Facility at the City's Trails End Drive property. Costs are distributed 25% General Fund, 35% Water, 20% Sewer and 20% Storm. 2016 and 2017 funding for demolition and Master planning will be from fund balances. Design and construction which will be debt financed and are shown in General Fund CFP. Funds shown here 2020-future are debt payments for Storm Utility Only (20% of Total Annual \$500k payment). Serves existing and growth.</p> <p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: City Campus Master Plan PAGE#</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 12,000	\$ 12,000							\$ 12,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 160,000		\$ 160,000						\$ 160,000
Equipment		\$ -								\$ -
Other (Debt Payment)		\$ 200,000					\$ 100,000	\$ 100,000	\$ 2,300,000	\$ 2,500,000
TOTAL EXPENSES	\$ -	\$ 372,000	\$ 12,000	\$ 160,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 2,300,000	\$ 2,672,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ 372,000	\$ 12,000	\$ 160,000			\$ 100,000	\$ 100,000	\$ 1,725,000	\$ 2,097,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 372,000	\$ 12,000	\$ 160,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 1,725,000	\$ 2,097,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: Yes
PRIOR:

SD-18

PROGRAM TITLE: Fish Pond Creek Culvert Replacements

<p>PROGRAM DESCRIPTION: Identified as Project #7.11, existing culverts #19 & #20 are undersized and contribute to backwater and flooding along Fish Pond Creek. This project would replace the the existing culverts with an 8' x 2' box culvert. Project is not due to growth.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Annexation Area Drainage Study PAGE# 52</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 20,000	\$ 20,000						\$ -	\$ 20,000
Land & R-O-W		\$ 20,000	\$ 20,000						\$ -	\$ 20,000
Construction		\$ 70,000		\$ 70,000					\$ -	\$ 70,000
Equipment		\$ -							\$ -	\$ -
Other		\$ -							\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 110,000	\$ 40,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ 110,000	\$ 40,000	\$ 70,000						\$ 110,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 110,000	\$ 40,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm
DEPT: Public Works
PROJECT NO.
NEW: No
PRIOR: SD-04, SD-12

SD-19

PROGRAM TITLE: Percival Headwater Culvert Repl. & Drainage Impr's.

PROGRAM DESCRIPTION:
 This project addresses backwater conditions to alleviate flooding along tributary conveyances to Percival Creek. Design phase of the project will address water quality and habitat needs, including fish passage improvements to the extent practical. Project will serve both existing and growth. This project is consolidated with the 2011 Annexation Area Drainage Study Project 7.10.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: Annexation Area Drainage Study PAGE# 46

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -							\$ 100,000	\$ 100,000
Land & R-O-W		\$ -							\$ 75,000	\$ 75,000
Construction		\$ -							\$ 325,000	\$ 325,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -							\$ 315,000	\$ 315,000
Water/Sewer/Storm		\$ -							\$ 185,000	\$ 185,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-12

SD-20

PROGRAM TITLE: North Kirsop Rd Culvert Replacement

<p>PROGRAM DESCRIPTION: To help reduce flooding along Kirsop Road, the existing Culvert #17 is recommended for replaced with two 18" culvert pipes. Project is identified as Project #7.5 in the Annexation Area Drainage Study. Project is not due to growth.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: Annexation Area Drainage Study PAGE# 48</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -							\$ 20,000	\$ 20,000
Land & R-O-W		\$ -							\$ 10,000	\$ 10,000
Construction		\$ -							\$ 65,000	\$ 65,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000	\$ 95,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ -							\$ 95,000	\$ 95,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000	\$ 95,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-15

SD-21

PROGRAM TITLE: Black Lake Belmore Rd Culvert Replacements

<p>PROGRAM DESCRIPTION: To address undersized culverts and alleviate backwater conditions and flooding along tributaries to Black Lake, six culverts will be replaced along unnamed tributaries near the intersection of Black Lake-Belmore Road and 49th Avenue. Project is identified at #7.7 in the Annexation Area Drainage Study. Project is not due to growth.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Annexation Area Drainage Study PAGE# 49</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -							\$ 70,000	\$ 70,000
Land & R-O-W		\$ -							\$ 35,000	\$ 35,000
Construction		\$ -							\$ 225,000	\$ 225,000
Equipment		\$ -							\$ -	\$ -
Other		\$ -							\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ 330,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ -							\$ 330,000	\$ 330,000
G.O. Bonds: NonVtd		\$ -							\$ -	\$ -
G.O. Bonds: Voted		\$ -							\$ -	\$ -
Revenue Bonds		\$ -							\$ -	\$ -
L.I.D.'s		\$ -							\$ -	\$ -
Other		\$ -							\$ -	\$ -
TOTAL SOURCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ 330,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-14

SD-22

PROGRAM TITLE: 66th Ave & Cavalier Culvert Replacements

<p>PROGRAM DESCRIPTION: Identified as Project #7.8, existing culverts #24 & 25 are undersized and contribute to backwater and flooding along the south tributary of Fish Pond Creek. This project would replace the the existing culverts with two 30" diameter culvert pipes at each location. Project is not due to growth.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Annexation Area Drainage Study PAGE# 50</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -							\$ 70,000	\$ 70,000
Land & R-O-W		\$ -							\$ 35,000	\$ 35,000
Construction		\$ -							\$ 235,000	\$ 235,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000	\$ 340,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ -							\$ 340,000	\$ 340,000
G.O. Bonds: NonVtd		\$ -								\$ -
G.O. Bonds: Voted		\$ -								\$ -
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000	\$ 340,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

FINANCIAL PLAN FOR THE STORM DRAIN FUND

CONTACT: Jay Eaton
FUND: Storm Drain
DEPT: Public Works
PROJECT NO.:
NEW: No
PRIOR: SD-13

SD-23

PROGRAM TITLE: 54th Ave / Trosper Rd Culvert Replacements

<p>PROGRAM DESCRIPTION: Identified as Project #7.9, existing culverts #1, #2, #7 & #9 are undersized and contribute to backwater and flooding along tributaries of Percival Creek and Fish Pond Creek. This project would replace the existing culverts with appropriately sized culverts. Project is not due to growth.</p>
<p>IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Annexation Area Drainage Study PAGE# 50</p>

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2016	2017	2018	2019	2020	2021	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -							\$ 100,000	\$ 100,000
Land & R-O-W		\$ -							\$ 60,000	\$ 60,000
Construction		\$ -							\$ 295,000	\$ 295,000
Equipment		\$ -							\$ -	\$ -
Other		\$ -							\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 455,000	\$ 455,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Water/Sewer/Storm		\$ -							\$ 455,000	\$ 455,000
G.O. Bonds: NonVtd		\$ -							\$ -	\$ -
G.O. Bonds: Voted		\$ -							\$ -	\$ -
Revenue Bonds		\$ -							\$ -	\$ -
L.I.D.'s		\$ -							\$ -	\$ -
Other		\$ -							\$ -	\$ -
TOTAL SOURCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 455,000	\$ 455,000