



Capital Improvement Program 2020-2025



April 16, 2019
April 19, 2019
May 9, 2019
June 25, 2019
June 25, 2019

Commission Review (Work Session)
Revised and Updated
Distribute to Budget Committee
Submit to Commission for Adoption
Approved by the City of Warrenton Commission



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2020-25 CAPITAL IMPROVEMENTS PROGRAM

A Capital Improvement Program (CIP) is a financial planning tool to help the community direct scarce resources to high priority projects. Through planning, the City will be able to complete projects to improve the quality of life in Warrenton and have the resources to acquire necessary equipment to ensure efficient delivery of services.

Capital improvements are assets that include planned purchases of equipment as well as construction projects for facilities and utility systems. Examples of equipment include the purchase of vehicles, major tools, police cars, copiers, backhoes, dump trucks and bucket trucks.

Capital construction projects include new facilities, remodeling or enlargement of existing facilities, expansion or capacity improvements to utility systems and major system improvements. Maintenance projects, such as the overlay of a street, painting a building or replacing a broken pipe, are not considered capital improvements.

Capital assets are defined by the government as assets with an initial, individual cost of more than \$5,000 and an estimated useful life beyond a single financial reporting period. However, all land that is purchased, regardless of cost, is considered a capital item.

The CIP is a document meant to be revised and updated each year. After each completed year, a new year is added. Only money budgeted in the annual budget is approved for spending for items contained in the CIP.

2020-25 CAPITAL IMPROVEMENTS PROGRAM SUMMARY

The next page contains a summary of all projects. Projects within the CIP are expressed in current dollars and are not adjusted for inflation. Projects contained in future years are not necessarily expected to have precise cost estimates, but reflect a general idea of cost. Costs will be revised as a project moves closer to implementation.

On the right hand side of the Summary is a column "secure funding". If the secure funding column is marked yes (Y), it means there is reasonable certainty money will be available when the project needs to be funded. Any project requiring voter approval for funding is not considered secure. A discussion of the status of prior year projects will be found on the page following the summary.

2020 - 2025 Capital Improvement Program

Secure

Pg. #	TITLE	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Funding
GENERAL FUND DEPARTMENTS								
10	Fire Department Rescue Tools	65,000						Y
11	Remodel of Public Works Offices - Parks	255						Y
12	Carruthers Viewing Dock	40,000						Y
13	Carruthers Dog Park Drainage	30,000						Y
14	Carruthers Dog Park Parking	27,000						Y
15, 18, 21, 23, 24	Patrol Vehicle Replacement		114,000	116,000	120,000	120,000	124,000	N
16	Skipanon Riverfront Dog Park		30,000					N
17	Triangle Park Landscape Enhancements		15,000					N
19	Seafarer's Park Concept Plan			20,000				N
20	Trail Connection to Fort Stevens			158,400				N
22	Waterfront Trail to Enterprise				380,000			N
TOTAL GENERAL FUND		\$ 162,255	\$ 159,000	\$ 294,400	\$ 500,000	\$ 120,000	\$ 124,000	

WATER UTILITY								
27	Remodel of Public Works Offices	3,489						Y
28	SCADA Improvement at South Water Reservoir	25,000						Y
29	Hammond Water Line NW Warrenton Dr. 18-inch Waterline	1,645,000						Y
30	SW 4th Street (S Main Ave - SW Alder Ct)	58,000						Y
31	SE Anchor (Harbor - SE 3rd St) Waterline	93,000						Y
32	Water Treatment Plant Filter Replacement	1,000,000						Y
33	Ridge Road 10-inch Water Main (Pacific - KOA Campground)		250,000					N
34	Replace Raw Water Pipe Downstream from Raw Water Reservoir		993,000					N
35	SE Marlin Ave. 18" Waterline (SE 7th - E Harbor)			336,000				N
36	Replace Raw Water Pipe Upstream from Raw Water Reservoir			1,694,000				N
37	Delaura Beach 18" Waterline (S Main - Ridge Rd)				458,000			N
38	Recoat Epoxy Lining Inside Clearwell				900,000			N
TOTAL WATER FUND		\$ 2,824,489	\$ 1,243,000	\$ 2,030,000	\$ 1,358,000	\$ -	\$ -	

SEWER UTILITY								
41	Remodel of Public Works Offices	2,808						Y
42	Septage Screening	45,000						Y
43	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	125,000						Y
44	SE 2nd Street & Marlin Avenue Pump Station	320,000						Y
45	SE Marlin & 101 (Putnam) Pump Station Upgrade	425,000						Y
46	WWTP North Lagoon Dewatering Pump and Filter	160,000						Y
47, 49, 51, 53, 55, 63	Pump Station Generator Underdetermined Location	100,000	50,000	50,000	50,000	50,000	50,000	Y/N
48, 50, 52, 54, 56, 64	Pump Station Bypass Program	60,000	60,000	60,000	60,000	60,000	60,000	Y/N
57	Septage Station Equalization					100,000		N
58	4th UV Disinfection Module					30,000		N
59	Ultraviolet (UV) PLC Upgrade					60,000		N
60	Fourth (4th) SBR Basin Construction Project					4,100,000		N
61	WWTP Headworks Parallel Finescreen Project					40,000		N
62	Biosolids Removal Project					500,000		N
TOTAL SEWER FUND		\$ 1,237,808	\$ 110,000	\$ 110,000	\$ 110,000	\$ 4,940,000	\$ 110,000	

SANITATION								
67	Remodel of Public Works Offices	2,340						Y
68	SW 1st Street Recycling Center Upgrades	25,000						Y
69	Truck Washout Facility				50,000			N
TOTAL SANITATION		\$ 27,340	\$ -	\$ -	\$ 50,000	\$ -	\$ -	

TOTAL ALL FUNDS THIS PAGE **\$ 4,251,892** **\$ 1,512,000** **\$ 2,434,400** **\$ 2,018,000** **\$ 5,060,000** **\$ 234,000**

2020 - 2025 Capital Improvement Program

Pg. #	TITLE	FISCAL YEAR 2019-20 FUNDING SOURCE SUMMARY						
GENERAL FUND DEPARTMENTS		Capital Reserves	SDC	Debt GO Bond	Grants	Quincy Robinson	General Fund	Total
10	Fire Department Rescue Tools	5,624			59,376			\$ 65,000
11	Remodel of Public Works Offices - Parks	255						\$ 255
12	Carruthers Viewing Dock					40,000		\$ 40,000
13	Carruthers Dog Park Drainage					30,000		\$ 30,000
14	Carruthers Dog Park Parking					27,000		\$ 27,000
								\$ -
<i>Funding Source Totals</i>		\$ 5,879	\$ -	\$ -	\$ 59,376	\$ 97,000	\$ -	\$ 162,255
WATER UTILITY		Capital Reserve	SDC	Debt Loans	Grants	Capital Contribution		Total
27	Remodel of Public Works Offices	3,489						\$ 3,489
28	SCADA Improvement at South Water Reservoir	25,000						\$ 25,000
29	Hammond Water Line NW Warrenton Dr. 18-inch Waterline			1,645,000				\$ 1,645,000
30	SW 4th Street (S Main Ave - SW Alder Ct)	58,000						\$ 58,000
31	SE Anchor (Harbor - SE 3rd St) Waterline	93,000						\$ 93,000
32	Water Treatment Plant Filter Replacement	1,000,000						\$ 1,000,000
<i>Funding Source Totals</i>		\$ 1,179,489	\$ -	\$ 1,645,000	\$ -	\$ -	\$ -	\$ 2,824,489
SEWER UTILITY		Capital Reserve	SDC	Debt Loans	Grants	Capital Contribution		Total
41	Remodel of Public Works Offices	2,808						\$ 2,808
42	Septage Screening	45,000						\$ 45,000
43	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	125,000						\$ 125,000
44	SE 2nd Street & Marlin Avenue Pump Station	320,000						\$ 320,000
45	SE Marlin & 101 (Putnam) Pump Station Upgrade	425,000						\$ 425,000
46	WWTP North Lagoon Dewatering Pump and Filter	160,000						\$ 160,000
47	Pump Station Generator Underdetermined Location	100,000						\$ 100,000
48	Pump Station Bypass Program	60,000						\$ 60,000
<i>Funding Source Totals</i>		\$ 1,237,808	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,237,808
SANITATION		Capital Reserve	SDC	Debt Loans	Grants	Capital Contribution		Total
67	Remodel of Public Works Offices	2,340						\$ 2,340
68	SW 1st Street Recycling Center Upgrades	25,000						\$ 25,000
<i>Funding Source Totals</i>		\$ 27,340	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,340

COLUMN TOTALS THIS PAGE \$ 2,450,516 \$ - \$ 1,645,000 \$ 59,376 \$ 97,000 \$ - \$ 4,251,892

2020 - 2025 Capital Improvement Program

Pg. #	TITLE	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Secure Funding
STREETS								
72	Remodel of Public Works Offices	255						Y
73	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	567,000						Y
74	Intersection of SW 9th St and S Main Ave	220,000						Y
75	SW 2nd Street (Elm - Gardenia)	320,000						Y
76	SW 4th Street (S Main Ave - SW Alder Ct)	218,000						Y
77	SW Alder Ave. (2nd to 1st)	325,000						Y
78	Warrenton Trails Wayfinding Signs	50,000						Y
79	Upgrade Curb and Sidewalk at Elementary School	40,000						Y
80	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)		551,000					N
81	SE 2nd Street (SE Marlin - Warrenton Commercial Center)		100,000					N
82	Bicycle Parking		5,000					N
83	Community Center and City Park Crosswalks		30,000					N
84	SE 2nd St Improvement Project (Main - Skipanon River Park)			281,000				N
85	S. Main Ave & SW 14th Pl (Orchard Subdivision) Sidewalks			16,000				N
86	Enhanced Bicycle and Pedestrian Connectivity Along SW 9th St				1,160,000			N
87	Bike Lanes and Sidewalk on SE Neptune					1,400,000		N
TOTAL STREET FUND		\$ 1,740,255	\$ 686,000	\$ 297,000	\$ 1,160,000	\$ 1,400,000	\$ -	

STORM SEWER								
90	Remodel of Public Works Offices	853						Y
91	SW 4th Street (S Main Ave - SW Alder Ct)	148,000						Y
92	SW Alder Ave. (2nd to 1st)	125,000						Y
93, 94, 96, 98, 100, 102	Tide Gate Replacement Program	50,000	50,000	50,000	50,000	50,000	50,000	Y/N
95	West Hammond Work		450,000					N
97	SW Alder Ave. (3rd to 2nd)			125,000				N
99	SW Alder Ave. (1st to W Harbor)				125,000			N
101	O&M and Alder Monitoring					160,000		N
103	Upsize Storm System in Hammond Marina						494,396	N
TOTAL STORM SEWER FUND		\$ 323,853	\$ 500,000	\$ 175,000	\$ 175,000	\$ 210,000	\$ 544,396	

PUBLIC WORKS EQUIPMENT								
106, 108, 109, 112, 116, 120	One-Ton Service Truck Purchase	50,000	50,000	50,000	50,000	50,000	50,000	Y/N
107	Purchase Garbage Truck	430,000						Y
110	Forklift for Water Treatment Plant			18,000				N
111	Additional Fuel Storage Tank at Water Treatment Plant			25,000				N
113, 117, 121	Water Treatment Plant Air Compressor				35,000	35,000	35,000	N
114	John Deere Tractor for Boom Mower				150,000			N
115	Public Works Backhoe				170,000			N
118	Water Treatment Plant Lawn Mower					45,000		N
119	Purchase Garbage Truck					430,000		N
TOTAL PUBLIC WORKS EQUIPMENT		\$ 480,000	\$ 50,000	\$ 93,000	\$ 405,000	\$ 560,000	\$ 85,000	

WARRENTON MARINA								
124	Commercial Work Pier Improvements	382,175						Y
TOTAL WARRENTON MARINA FUND		\$ 382,175	\$ -	\$ -	\$ -	\$ -	\$ -	

HAMMOND MARINA								
127	Hammond Marina Dredging	840,000						Y
TOTAL HAMMOND MARINA FUND		\$ 840,000	\$ -	\$ -	\$ -	\$ -	\$ -	

TANSY POINT DOCK								
130	Tansy Point Anodes	168,478						Y
TOTAL TANSY POINT DOCK		\$ 168,478	\$ -	\$ -	\$ -	\$ -	\$ -	

TOTAL ALL FUNDS THIS PAGE **\$ 3,934,761 \$ 1,236,000 \$ 565,000 \$ 1,740,000 \$ 2,170,000 \$ 629,396**

GRAND TOTAL ALL PAGES **\$ 8,186,653 \$ 2,748,000 \$ 2,999,400 \$ 3,758,000 \$ 7,230,000 \$ 863,396**



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2020 - 2025 Capital Improvement Program

Pg. #

TITLE

FISCAL YEAR 2019-2020 FUNDING SOURCE SUMMARY

STREETS		<i>Operations Fund</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
72	Remodel of Public Works Offices	255					\$ 255
73	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	567,000					\$ 567,000
74	Intersection of SW 9th St and S Main Ave	220,000					\$ 220,000
75	SW 2nd Street (Elm - Gardenia)	320,000					\$ 320,000
76	SW 4th Street (S Main Ave - SW Alder Ct)	218,000					\$ 218,000
77	SW Alder Ave. (2nd to 1st)	325,000					\$ 325,000
78	Warrenton Trails Wayfinding Signs	50,000					\$ 50,000
79	Upgrade Curb and Sidewalk at Elementary School N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	40,000					\$ 40,000
<i>Funding Source Totals</i>		\$ 1,740,255	\$ -	\$ -	\$ -	\$ -	\$ 1,740,255

STORM SEWER		<i>Operations Fund</i>	<i>SDC</i>	<i>Debt</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
90	Remodel of Public Works Offices	853					\$ 853
91	SW 4th Street (S Main Ave - SW Alder Ct)	148,000					\$ 148,000
92	SW Alder Ave. (2nd to 1st)	125,000					\$ 125,000
93	Tide Gate Replacement Program	50,000					\$ 50,000
<i>Funding Source Totals</i>		\$ 323,853	\$ -	\$ -	\$ -	\$ -	\$ 323,853

PUBLIC WORKS EQUIPMENT		<i>Parks</i>	<i>Storm Sewer</i>	<i>Water</i>	<i>Sanitation</i>	<i>Sewer</i>	<i>Streets</i>	<i>Total</i>
106	One-Ton Service Truck Purchase	1,000	1,500	21,000	6,500	15,500	4,500	\$ 50,000
107	Purchase Garbage Truck				430,000			\$ 430,000
<i>Funding Source Totals</i>		\$ 1,000	\$ 1,500	\$ 21,000	\$ 436,500	\$ 15,500	\$ 4,500	\$ 480,000

WARRENTON MARINA		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
124	Commercial Work Pier Improvements	382,175					\$ 382,175
<i>Funding Source Totals</i>		\$ 382,175	\$ -	\$ -	\$ -	\$ -	\$ 382,175

HAMMOND MARINA		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
127	Hammond Marina Dredging	840,000					\$ 840,000
<i>Funding Source Totals</i>		\$ 840,000	\$ -	\$ -	\$ -	\$ -	\$ 840,000

TANSY POINT DOCK		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
130	Tansy Point Anodes	168,478					\$ 168,478
<i>Funding Source Totals</i>		\$ 168,478	\$ -	\$ -	\$ -	\$ -	\$ 168,478

COLUMN TOTALS THIS PAGE \$ 3,455,761 \$ 1,500 \$ 21,000 \$ 436,500 \$ 15,500 \$ 4,500 \$ 3,934,761

GRAND TOTAL ALL PAGES 8,186,653

2018 - 2019 PROJECT STATUS

GENERAL FUND

Patrol Vehicle Replacement	Two Chevrolet Tahoes were purchased in January 2019.
2018 U.S Tanker Water Tender	The Water Tender was received in December 2018.
Remodel of Public Works	All funds were used this year. Additional projects will be budgeted for next fiscal year.
Fuel Depot Spill Control	This project will not be carried forward into fiscal year 2020.
Automatic Gate at Public Works	This project will be completed by June 30, 2019.
Replace Tennis Court Fencing Fabric	This project will be completed by June 30, 2019.
Carruthers Viewing Dock	This project will be modified and carried forward to fiscal year 2020.
Carruthers Dog Park Drainage	This project will be carried forward into fiscal year 2020.
Ft. Stevens Parade Ground Water Service	This project will not be carried forward into fiscal year 2020.

LIBRARY FUND

Library Automation	This project was completed in April 2019
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WATER FUND

Remodel of Public Works Offices	All funds were used this year. Additional projects will be budgeted for next fiscal year.
Fuel Depot Spill Control	This project will not be carried forward into fiscal year 2020.
Automatic Gate at Public Works	This project will be completed by June 30, 2019.
Hammond Water Line NW Warrenton Dr. 18-inch	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.
SW 4th Street (S Main Ave - SW Alder Ct)	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.
SE Anchor (Harbor - SE 3rd St) Waterline	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.

SEWER FUND

Remodel of Public Works Offices	All funds were used this year. Additional projects will be budgeted for next fiscal year.
Fuel Depot Spill Control	This project will not be carried forward into fiscal year 2020.
Automatic Gate at Public Works	This project will be completed by June 30, 2019.
N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.
SE 12th Street & Marlin Collector Line Replacement	This project will not be carried forward into fiscal year 2020.
SE 2nd Street & Marlin Avenue Pump Station	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.
NW Jetty Street & Pacific Avenue Pump Station Upgrade	This project will not be carried forward into fiscal year 2020.
WWTP North Lagoon Dewatering Pump and Filter	This project will be carried forward into fiscal year 2020.
Septage Station Equalization	This project will be postponed to a future year.
NW Seventh Ave. & Enterprise Pump Station Upgrade	This project will not be carried forward into fiscal year 2020.
Pump Station Generator Undetermined Locations	This project will be carried forward into fiscal year 2020.

2018 - 2019 PROJECT STATUS

SANITATION FUND

Remodel of Public Works Offices	All funds were used this year. Additional projects will be budgeted for next fiscal year.
Fuel Depot Spill Control	This project will not be carried forward into fiscal year 2020.
Automatic Gate at Public Works	This project will be completed by June 30, 2019.
SW 1st Street Recycling Center Upgrades	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.

STREETS

Remodel of Public Works Offices	All funds were used this year. Additional projects will be budgeted for next fiscal year.
Fuel Depot Spill Control	This project will not be carried forward into fiscal year 2020.
Automatic Gate at Public Works	This project will be completed by June 30, 2019.
N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.
Intersection of SW 9th St and S Main Ave	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.
SW 4th Street (S Main Ave - SW Alder Ct)	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.
NW 13th Street & Warrenton Drive Trail & Drainage Improvements	This project will not be carried forward into fiscal year 2020.
SW 2nd Street (Elm - Gardenia)	This project will be carried forward into fiscal year 2020.

STORM SEWER

Remodel of Public Works Offices	All funds were used this year. Additional projects will be budgeted for next fiscal year.
Fuel Depot Spill Control	This project will not be carried forward into fiscal year 2020.
Automatic Gate at Public Works	This project will be completed by June 30, 2019.
SW 4th Street (S Main Ave - SW Alder Ct)	Work has begun, but will not be completed by the end of fiscal year 2019. Remainder of the project will be carried forward into fiscal year 2020.
Raise Levee Low Area	This project will not be carried forward into fiscal year 2020.
Tide Gate Replacement Program	This is an ongoing project to repair tidegates and will be carried forward into fiscal year 2020.

WARRENTON MARINA

Commercial Work Pier Improvements	This project will be carried forward to fiscal year 2020.
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HAMMOND MARINA

Hammond Marina Bank Stabilization Project	This project will not be carried forward to fiscal year 2020, but will be revisited in future years.
Hammond Marina Dredging	This project will be carried forward to fiscal year 2020.
Hammond Marina Land Acquisition	This project is expected to be completed by the end of fiscal year 2019.

TANSY POINT DOCK

Anodes	No expenditures were made from funds set aside for anodes.
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General Fund

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Fire Department Rescue Tools**
 Project Number: 610007
 Project Cost: \$ 65,000

Description: The Fire Department maintains a set of rescue tools or "Jaws of Life" to extricate injured people from motor vehicle crashes. This expenditure is to replace our existing set of tools (several of which were originally purchased in the late 1980s) with battery operated tools with greater capabilities for modern vehicles.

Benefits: As noted above.

Cost Calculation: Cost is estimated. A FEMA grant will cover up to \$59,376. The remaining balance will come from the equipment fund.

O & M Impact: Annual testing and maintenance cost estimated at \$500 to \$600.

BUDGET		
	Estimate	% of Total
Equipment	\$ 65,000	100%
Total	\$ 65,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
071-495-610007	\$ 65,000	100%
Total	\$ 65,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-2020	\$ 65,000	100%
2020-2021		0%
2021-2022		0%
2022-2023		0%
2023-2024		0%
2024-2025		0%
Total	\$ 65,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000


Description: Remodel of Public Works offices; continue work on break room and warehouse

Benefits: Provide space for engineering, file storage, electronic equipment storage, small conference room, and additional office space area for staff.

Cost Calculation: Estimate

O & M Impact: This will be funded by a percentage across all of the Public Works divisions.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 10,000	100%	Parks 001-429	\$ 255	2.55%
			Storm 028-430	\$ 853	8.53%
			Water 029-430	\$ 3,489	34.89%
			Sanitation 034-430	\$ 2,340	23.40%
			Sewer 038-430	\$ 2,808	28.08%
			Streets 040-431	\$ 255	2.55%
Total	\$ 10,000	100%	Total	\$ 10,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2019-20	\$ 10,000	100%
	2020-21		0%
	2021-22		0%
	2022-23		0%
	2023-24		0%
2024-25		0%	
Total	\$ 10,000	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Carruthers Viewing Dock**

Project Number: 620074

Project Cost: \$ 40,000

Description: The existing viewing dock is at the end of its life. The structure will be removed and replaced.

Benefits: Eliminate safety risk of old structure and put something new in its place.

Cost Calculation: Estimate

O & M Impact: Funding from Quincy Robinson fund

BUDGET		
	Estimate	% of Total
	\$ 40,000	100%
Total	\$ 40,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429-620074	\$ 40,000	100%
Total	\$ 40,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 40,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 40,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Carruthers Dog Park Drainage

Project Number: 620011

Project Cost: \$ 30,000

Description: Reconfigure park around the drainage issues. Move the small dog park upland and collect lower lying runoff and discharge into storm drainage system.

Benefits: Clean up the muddy area by improving drainage. Will reduce orders and increase aesthetics.

Cost Calculation: Estimate

O & M Impact: Funding from Quincy Robinson fund.

BUDGET		
	Estimate	% of Total
	\$ 30,000	100%
Total	\$ 30,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429 - 620011	\$ 30,000	100%
Total	\$ 30,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 30,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 30,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Carruthers Dog Park Parking**

Project Number: 620012

Project Cost: \$ 27,000

Description: Provide additional parking for the dog park in the area of the existing small dog park.

Benefits: Provide more off street parking for the highly used dog park.

Cost Calculation: Estimate

O & M Impact: Funding from Quincy Robinson fund

BUDGET		
	Estimate	% of Total
Construction	\$ 27,000	100%
Total	\$ 27,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429-620012	\$ 27,000	100%
Total	\$ 27,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 27,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 27,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 114,000
Description:	This is an ongoing project to replace aged patrol cars.
Benefits:	Improve officer/equipment safety, reduce repair and maintenance costs, improve public image.
Cost Calculation:	Estimates based on informal quotes from vendors for vehicles and installation of equipment/decals from previous purchases.
O & M Impact:	Should help minimize costs as the vehicles will be new and still under warranty for three years.

BUDGET		
	Estimate	% of Total
2021 Patrol Vehicle	\$ 57,000	50%
2021 Patrol Vehicle	\$ 57,000	50%
Total	\$ 114,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 114,000	100%
Total	\$ 114,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-2020		0%
2020-2021	\$ 114,000	100%
2021-2022		0%
2022-2023		0%
2023-2024		0%
2024-2025		0%
Total	\$ 114,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Skipanon Riverfront Dog Park**

Project Number:

Project Cost: \$ 30,000

Description: Construct new dog park at the Skipanon River Park. There may be DSL or USACOE permitting issues.

Benefits: Improve safety & usage of park.

Cost Calculation: Parks Master Plan

O & M Impact: Funding from Quincy Robinson Fund.

BUDGET		
	Estimate	% of Total
	\$ 30,000	100%
Total	\$ 30,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 30,000	100%
Total	\$ 30,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21	\$ 30,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 30,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Triangle Park Landscape Enhancements**

Project Number:

Project Cost: \$ 15,000

Description: **Signage, flowers, rocks and a "Welcome to Historic Hammond" sign.**

Benefits: **Beautification and restoration of landscape.**

Cost Calculation: **Parks Master Plan**

O & M Impact: **Funding from Quincy Robinson Fund.**

BUDGET		
	Estimate	% of Total
	\$ 15,000	100%
Total	\$ 15,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 15,000	100%
Total	\$ 15,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21	\$ 15,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 15,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 116,000
Description:	This is an ongoing project to replace aged patrol cars.
Benefits:	Improve officer/equipment safety, reduce repair and maintenance costs, improve public image.
Cost Calculation:	Estimates based on informal quotes from vendors for vehicles and installation of equipment/decals from previous purchases.
O & M Impact:	Should help minimize costs as the vehicles will be new and still under warranty for three years.

BUDGET		
	Estimate	% of Total
2022 Patrol Vehicle	\$ 58,000	50%
2022 Patrol Vehicle	\$ 58,000	50%
Total	\$ 116,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 116,000	100%
Total	\$ 116,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-2020		0%
2020-2021		0%
2021-2022	\$ 116,000	100%
2022-2023		0%
2023-2024		0%
2024-2025		0%
Total	\$ 116,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Seafarer's Park Enhancements**

Project Number:

Project Cost: \$ 20,000

Description: Add picnic tables, landscaping and benches along viewing area. Other recommendations from Hammond Marina Taskforce.

Benefits: Enhance Seafarers Park

Cost Calculation: Estimate

O & M Impact: Funded from Quincy Robinson Trust.

BUDGET		
	Estimate	% of Total
Engineering	\$ 20,000	100%
Total	\$ 20,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 20,000	100%
Total	\$ 20,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 20,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 20,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Trail Connection to Fort Stevens**

Project Number:

Project Cost: \$ 158,400

Description: Provide multi-use trail through Hammond Marina to connect waterfront trail to Ft. Stevens Park.

Benefits: Improve safety & usage of City's Trail System.

Cost Calculation: PMP

O & M Impact: Funding from Quincy Robinson Fund.

BUDGET		
	Estimate	% of Total
	\$ 158,400	100%
Total	\$ 158,400	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 158,400	100%
Total	\$ 158,400	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 158,400	100%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 158,400	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 120,000
Description:	This is an ongoing project to replace aged patrol cars.
Benefits:	Improve officer/equipment safety, reduce repair and maintenance costs, improve public image.
Cost Calculation:	Estimates based on informal quotes from vendors for vehicles and installation of equipment/decals from previous purchases.
O & M Impact:	Should help minimize costs as the vehicles will be new and still under warranty for three years.

BUDGET		
	Estimate	% of Total
2023 Patrol Vehicle	\$ 60,000	50%
2023 Patrol Vehicle	\$ 60,000	50%
Total	\$ 120,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 120,000	100%
Total	\$ 120,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-2020		0%
2020-2021		0%
2021-2022		0%
2022-2023	\$ 120,000	100%
2023-2024		0%
2024-2025		0%
Total	\$ 120,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Waterfront Trail to Enterprise**

Project Number:

Project Cost: \$ 380,000

Description: Trail from the end of the existing paved trail at Enterprise and would connect to Hammond Marina to Fort Stevens Trail

Benefits: Improve safety & usage of City's trail system.

Cost Calculation: Parks Advisory Board

O & M Impact: Funding from Quincy Robinson Fund and other grants.

BUDGET	Estimate	% of Total
	\$ 380,000	100%
Total	\$ 380,000	100%

FUNDING SOURCES	Amount	% of Total
Source QR Fund 065-429	\$ 380,000	100%
Total	\$ 380,000	100%



SCHEDULE	Amount	% of Total
Fiscal Year		
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 380,000	100%
2023-24		0%
2024-25		0%
Total	\$ 380,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 120,000
Description:	This is an ongoing project to replace aged patrol cars.
Benefits:	Improve officer/equipment safety, reduce repair and maintenance costs, improve public image.
Cost Calculation:	Estimates based on informal quotes from vendors for vehicles and installation of equipment/decals from previous purchases.
O & M Impact:	Should help minimize costs as the vehicles will be new and still under warranty for three years.

BUDGET		
	Estimate	% of Total
2024 Patrol Vehicle	\$ 60,000	50%
2024 Patrol Vehicle	\$ 60,000	50%
Total	\$ 120,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 120,000	100%
Total	\$ 120,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-2020		0%
2020-2021		0%
2021-2022		0%
2022-2023		0%
2023-2024	\$ 120,000	100%
2024-2025		0%
Total	\$ 120,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 124,000
Description:	This is an ongoing project to replace aged patrol cars.
Benefits:	Improve officer/equipment safety, reduce repair and maintenance costs, improve public image.
Cost Calculation:	Estimates based on informal quotes from vendors for vehicles and installation of equipment/decals from previous purchases.
O & M Impact:	Should help minimize costs as the vehicles will be new and still under warranty for three years.

BUDGET		
	Estimate	% of Total
2025 Patrol Vehicle	\$ 62,000	50%
2025 Patrol Vehicle	\$ 62,000	50%
Total	\$ 124,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 124,000	100%
Total	\$ 124,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-2020		0%
2020-2021		0%
2021-2022		0%
2022-2023		0%
2023-2024		0%
2024-2025	\$ 124,000	100%
Total	\$ 124,000	100%



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Water

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of Public Works offices; continue work on break room and warehouse.

Benefits: Provide space for engineering, file storage, electronic equipment storage, small conference room, and additional office space area for staff.

Cost Calculation: Estimate

O & M Impact: This will be funded by a percentage across all of the Public Works divisions.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 10,000	100%	Parks 001-429	\$ 255	2.55%
			Storm 028-430	\$ 853	8.53%
			Water 029-430	\$ 3,489	34.89%
			Sanitation 034-430	\$ 2,340	23.40%
			Sewer 038-430	\$ 2,808	28.08%
			Streets 040-431	\$ 255	2.55%
Total	\$ 10,000	100%	Total	\$ 10,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 10,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SCADA Improvement at South Water Reservoir**

Project Number: 620079

Project Cost: \$ 25,000

Description: Reprogram current SCADA system and add a pressure reducing valve to SCADA. As per recommended in the current Water Master Plan.

Benefits: Improve operation of South Water Reservoir booster station in concert with the Clearwell.

Cost Calculation: Water Master Plan

O & M Impact: Funded from Water Capital Reserve

BUDGET		
	Estimate	% of Total
Construction	\$ 25,000	100%
Total	\$ 25,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
029-430-620079	\$ 25,000	100%
Total	\$ 25,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 25,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 25,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Hammond Water Line NW Warrenton Dr. 18-inch Waterline (NW 13th - Lake/Ridge)**

Project Number: 620075

Project Cost: \$ 1,645,000

Description: Construct 18-inch water line transmission loop to extend the existing system from NE 13th Street to serve the Hammond area. Project will ultimately connect to transmission main on Ridge Road.

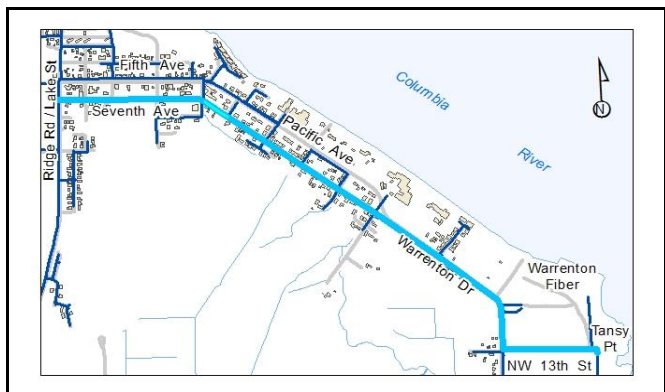
Benefits: Will improve City's water delivery system and provide improved fire flows, system redundancy, and improved water quality.

Cost Calculation: Eng. Estimate

O & M Impact: The City is applying for financing through various State funding sources. Any matching funds required form Warrenton could be at least partially funded with System Development Charges.

BUDGET		
	Estimate	% of Total
Engineering	\$ 244,500	15%
Construction	\$ 1,400,500	85%
Total	\$ 1,645,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
029-430-620075	\$ 1,645,000	100%
Total	\$ 1,645,000	100%

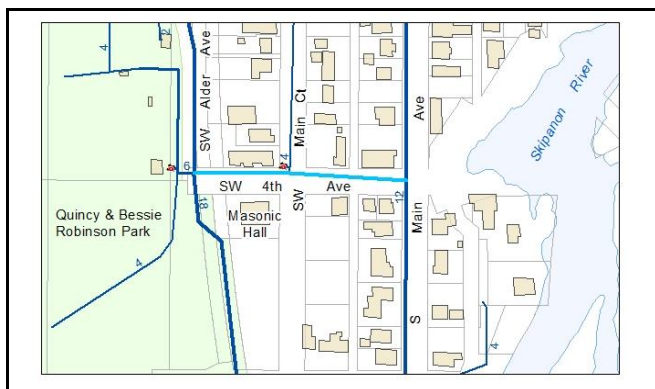


SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 1,645,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 1,645,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SW 4th Street (S Main Ave - SW Alder Ct)
Project Number:	620084
Project Cost:	\$ 836,000
Description:	Improve SW 4th Street roadway between S Main Ave and SW Alder Court, add sidewalk, and move powerline underground for street lights. Replace 500 LF of undersized waterline with new 8" main.
Benefits:	Rebuild deteriorated and irregular roadway.
Cost Calculation:	Eng. Estimate
O & M Impact:	Funded from State Tax Street Fund, Water Fund Capital Reserve, Storm Sewer Capital Reserve, and Urban Renewal.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 836,000	100%	Streets 040-431	\$ 218,000	26.1%
			Urban 200-800	\$ 412,000	49.3%
			Water 029-430	\$ 58,000	6.9%
			Storm 028-430	\$ 148,000	17.7%
Total	\$ 836,000	100%	Total	\$ 836,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 836,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 836,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SE Anchor (Harbor - SE 3rd St) Waterline**

Project Number: 620085

Project Cost: \$ 93,000

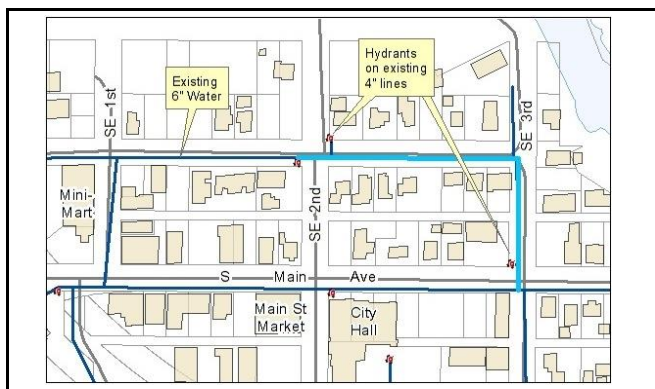
Description: Install new water lines on SE Anchor.

Benefits: Upgrade undersized waterlines.

Cost Calculation: Eng. Estimate

O & M Impact: Funding to come from water Capital Outlay.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 93,000	100%	029-430-620085	\$ 93,000	100%
Total	\$ 93,000	100%	Total	\$ 93,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 93,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 93,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Water Treatment Plant Filter Replacement Construction**

Project Number: 620080

Project Cost: \$ 1,000,000

Description: Replace the WTP filters. This is required every 5 - 7 years with dollars placed into the Filter Replacement Reserve account annually between replacement cycles. The filters were all previously replaced in fiscal year 2012-13.

Benefits: Maintain the superior quality of City of Warrenton drinking water.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Water Capital Filter Replacement Reserve Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 1,000,000	100%	029-430-620080	\$ 1,000,000	100%
Total	\$ 1,000,000	100%	Total	\$ 1,000,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2019-20	\$ 1,000,000	100%
	2020-21		0%
	2021-22		0%
	2022-23		0%
	2023-24		0%
Total	\$ 1,000,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Ridge Road 10-inch Water Main (Pacific - KOA Campground)**

Project Number:

Project Cost: \$ 250,000

Description: Construct 4400 LF of 10-inch transmission main on Ridge Rd from Pacific to KOA. Main will ultimately tie into the NW Transmission Loop.

Benefits: Will improve City's water delivery system and provide improved fire flows of 2000 gpm, system redundancy, and improved water quality.

Cost Calculation: Eng. Estimate

O & M Impact: This project will be funded from Water Capital Reserve funds or could be added to the approved Systems Development Charge project list.

BUDGET			
	Estimate	%	of Total
Engineering	\$ 20,000	8%	
Construction	\$ 230,000	92%	
Total	\$ 250,000	100%	

FUNDING SOURCES			
Source	Amount	%	of Total
029-430	\$ 250,000	100%	
Total	\$ 250,000	100%	



SCHEDULE			
Fiscal Year	Amount	%	of Total
2019-20		0%	
2020-21	\$ 250,000	100%	
2021-22		0%	
2022-23		0%	
2023-24		0%	
2024-25		0%	
Total	\$ 250,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Replace Raw Water Pipe Downstream for Raw Water Reservoir

Project Number:

Total Project Cost: \$ 993,000

Description: Replace 2500' of 24" raw water pipe downstream from the raw water reservoir.

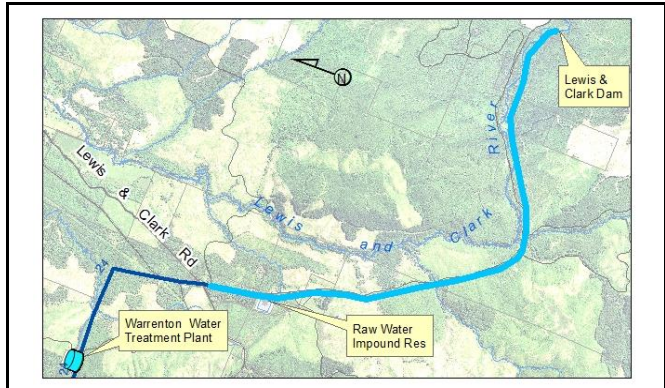
Benefits: Existing 24" fiberglass raw water pipe has long outlived its normal life.

Cost Calculation: Water Master Plan

O & M Impact: This will be funded from the Water Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 993,000	100%
Total	\$ 993,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
029-430	\$ 993,000	100%
Total	\$ 993,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21	\$ 993,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 993,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SE Marlin Ave 18" Waterline (SE 7th - E Harbor)**

Project Number:

Project Cost: \$ 336,000

Description: Construct 18" transmission main on SE Neptune from SE 7th Street to the blue water tank on East Harbor.

Benefits: New 18" transmission main will improve fire flows and better serve future commercial development in northeastern section of Warrenton.

Cost Calculation: Eng. Estimate

O & M Impact: This project will impact the Water Capital Reserve Fund and could be at least partially funded with System Development Charges.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Engineering	\$ 51,000	15%	029-430	\$ 336,000	100%
Construction	\$ 228,000	68%			
Contingency	\$ 57,000	17%			
Total	\$ 336,000	100%	Total	\$ 336,000	100%

SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 336,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 336,000	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Replace Raw Water Pipe Upstream from Raw Water Reservoir

Project Number:

Total Project Cost: \$ 1,694,000

Description: Replace 4300' of 24" raw water pipe upstream from the raw water reservoir.

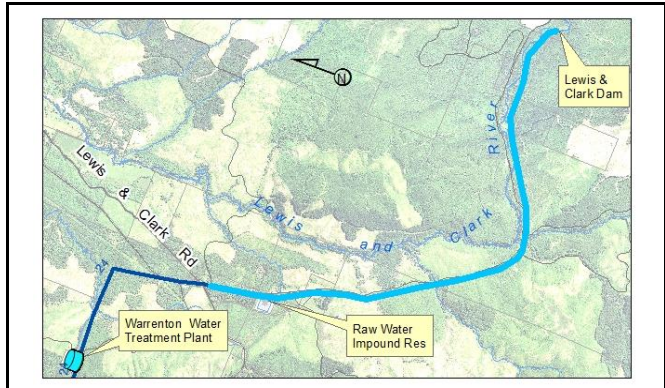
Benefits: Existing 24" fiberglass raw water pipe has long outlived its normal life.

Cost Calculation: Water Master Plan

O & M Impact: This will be funded from the Water Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 1,694,000	100%
Total	\$ 1,694,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
029-430	\$ 1,694,000	100%
Total	\$ 1,694,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 1,694,000	193%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 1,694,000	193%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Delaura Beach 18-inch Waterline (S Main - Ridge Rd)**

Project Number:

Project Cost: \$ 458,000

Description: Construct 18-inch transmission main loop on Delaura Beach Road from S. Main to Ridge Road.

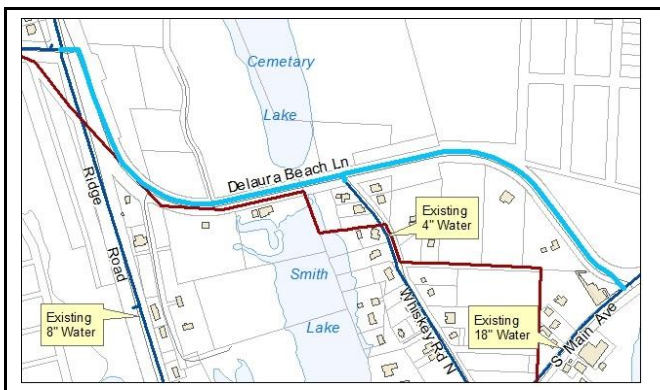
Benefits: Will provide a looped tie between the 18" WL on S Main to the 8" WL on Ridge Road improving fire flows, system redundancy, and water quality.

Cost Calculation: Eng. Estimate

O & M Impact: This project will impact the Water Capital Reserve Fund and could be at least partially funded with System Development Charges.

BUDGET		
	Estimate	% of Total
Engineering	\$ 70,000	15%
Construction	\$ 388,000	85%
Total	\$ 458,000	100%

FUNDING SOURCES		
	Amount	% of Total
029-430	\$ 458,000	100%
Total	\$ 458,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 458,000	100%
2023-24		0%
2024-25		0%
Total	\$ 458,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Recoat Epoxy Lining Inside Clearwell**

Project Number:

Project Cost: \$ 900,000

Description: Last tank inspection showed several rust spots inside on the east side of tank. It was recommended to plan on recoating inside of tank within the next 5 years.

Benefits: Extend life of reservoir.

Cost Calculation: Water Master Plan

O & M Impact: Funding will come from Water Capital Reserve fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 900,000	100%	029-430	\$ 900,000	100%
Total	\$ 900,000	100%	Total	\$ 900,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 900,000	100%
2023-24		0%
2024-25		0%
Total	\$ 900,000	100%



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Sewer

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of Public Works offices; continue work on break room and warehouse.

Benefits: Provide space for engineering, file storage, electronic equipment storage, small conference room, and additional office space area for staff.

Cost Calculation: Estimate

O & M Impact: This will be funded by a percentage across all of the Public Works divisions.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 10,000	100%	Parks 001-429	\$ 255	2.55%
			Storm 028-430	\$ 853	8.53%
			Water 029-430	\$ 3,489	34.89%
			Sanitation 034-430	\$ 2,340	23.40%
			Sewer 038-430	\$ 2,808	28.08%
			Streets 040-431	\$ 255	2.55%
Total	\$ 10,000	100%	Total	\$ 10,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 10,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2034-25		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Septage Screening**

Project Number: 620019

Project Cost: \$ 45,000

Description: Add better screening to the septage receiving station.

Benefits: Mechanically remove more of the solids entering the treatment plant from the septage station. Reducing issues with septage receiving pump station. Reduce loading on the treatment plant.

Cost Calculation: Estimate

O & M Impact: Funding from Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 45,000	100%
Total	\$ 45,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620019	\$ 45,000	100%
Total	\$ 45,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 45,000	100%
2020-21		0%
2020-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ -	0%
Total	\$ 45,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)**

Project Number: 620078

Project Cost: \$ 692,000

Description: Add low pressure sewer system and repair & rebuild N Main Ave and NW 7th Pl.

Benefits: Rebuilding this roadway will dramatically improve rideability and routine maintenance.

Cost Calculation: PW Dir.

O & M Impact: This section of roadway requires periodic repairs to potholes and has caused vehicular damage from sections of the old concrete roadway dislodging.

BUDGET		
	Estimate	% of Total
Construction	\$ 692,000	100%
Total	\$ 692,000	100%

FUNDING SOURCES		
	Amount	% of Total
Streets 040-431-620078	\$ 567,000	82%
Sewer 038-430-620078	\$ 125,000	18%
Total	\$ 692,000	100%



SCHEDULE		
	Amount	% of Total
2019-20	\$ 692,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 692,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SE 2nd Street & Marlin Avenue Pump Station**

Project Number: 620089

Project Cost: \$ 320,000

Description: Upgrade SE Marlin & 2nd Street pump station with new pumps and motors.

Benefits: This project will continue our advancement towards providing uniform equipment in all City pump stations. Uniformity of pump station equipment should help reduce maintenance costs and increase staff familiarity of City pump systems.

Cost Calculation: Estimate

O & M Impact: Funding from Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 320,000	100%
Total	\$ 320,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620089	\$ 320,000	100%
Total	\$ 320,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 320,000	100%
2020-21		0%
2020-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 320,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SE Marlin & 101 (Putnam) Pump Station Upgrade**

Project Number: 690023

Project Cost: \$ 425,000

Description: Upgrade pump station to submersible pumps, backup pumping and bypass pumping connection.

Benefits: Reduce maintenance & lower overtime for Sewer callouts.

Cost Calculation: Estimate

O & M Impact: Funding from Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 425,000	100%
Total	\$ 425,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-690023	\$ 425,000	100%
Total	\$ 425,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 425,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 425,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **WWTP North Lagoon Dewatering Pump and Filter**

Project Number: 620024

Project Cost: \$ 160,000

Description: Study for decommissioning the North Lagoon shows that it will be more cost effective to filter and pump the collected rain water vs decommission the lagoon.

Benefits: Will allow us to run the water from the lagoons directly through the UV system and outfall, bypassing the SBR process

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 160,000	100%	038-430-620024	\$ 160,000	100%
Total	\$ 160,000	100%	Total	\$ 160,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 160,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 160,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Pump Station Generator Undetermined Location #1**

Project Number: 620046

Project Cost: \$ 100,000

Description: Install stationary generator and transfer switches.

Benefits: Onsite power generation for critical pump station. Necessary for emergency flow during extended power outages. We will focus on bottlenecks first, then work outward from there.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 100,000	100%
Total	\$ 100,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620046	\$ 100,000	100%
Total	\$ 100,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 100,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 100,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Pump Station Bypass Program**

Project Number: 620033

Project Cost: \$ 60,000

Description: Install vaults, valves, and piping to connect a bypass pump up to the sanitary sewer force mains adjacent to the pump stations.

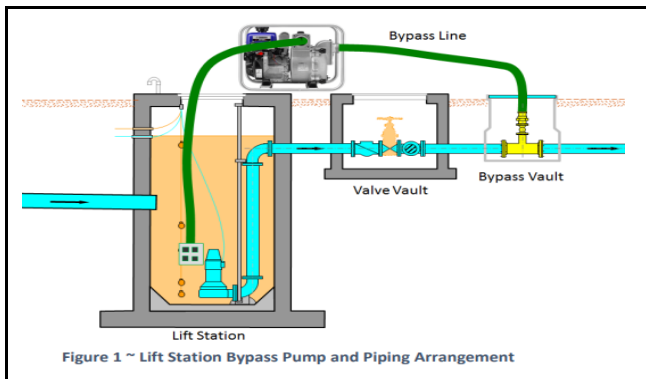
Benefits: Gives alternative pumping options when built in equipment fails or is overloaded.
Reduces need to have pumper trucks move water when pumps are inoperable.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 60,000	100%
Total	\$ 60,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620033	\$ 60,000	100%
Total	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 60,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Pump Station Generator Undetermined Location #2**

Project Number: 620046

Project Cost: \$ 50,000

Description: Install stationary generator and transfer switches.

Benefits: Onsite power generation for critical pump station. Necessary for emergency flow during extended power outages. We will focus on bottlenecks first, then work outward from there.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 50,000	100%
Total	\$ 50,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620046	\$ 50,000	100%
Total	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21	\$ 50,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Pump Station Bypass Program**

Project Number: 620033

Project Cost: \$ 60,000

Description: Install vaults, valves, and piping to connect a bypass pump up the sanitary sewer force mains adjacent to the pump stations.

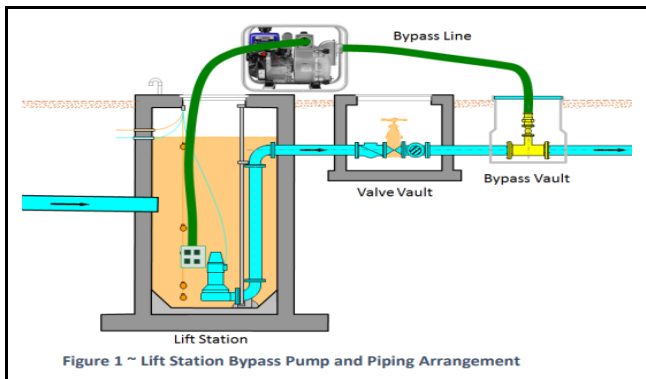
Benefits: Gives alternative pumping options when built in equipment fails or is overloaded.
Reduces need to have pumper trucks move water when pumps are inoperable.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET	Estimate	% of Total
	\$ 60,000	100%
Total	\$ 60,000	100%

FUNDING SOURCES	Amount	% of Total
Source		
038-430-620033	\$ 60,000	100%
Total	\$ 60,000	100%



SCHEDULE	Amount	% of Total
Fiscal Year		
2019-20		0%
2020-21	\$ 60,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 60,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Pump Station Generator Undetermined Location #3
Project Number:	620046
Project Cost:	\$ 50,000
Description:	Install stationary generator and transfer switches.
Benefits:	Onsite power generation for critical pump station. Necessary for emergency flow during extended power outages. We will focus on bottlenecks first, then work outward from there.
Cost Calculation:	Estimate
O & M Impact:	This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 50,000	100%
Total	\$ 50,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620046	\$ 50,000	100%
Total	\$ 50,000	100%



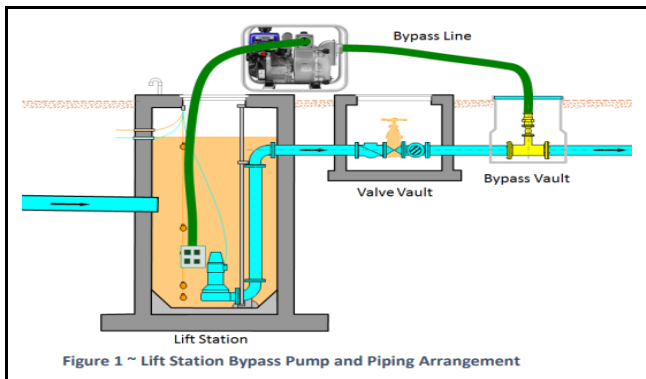
SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 50,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Pump Station Bypass Program
Project Number:	620033
Project Cost:	\$ 60,000
Description:	Install vaults, valves, and piping to connect a bypass pump up the sanitary sewer force mains adjacent to the pump stations.
Benefits:	Gives alternative pumping options when built in equipment fails or is overloaded. Reduces need to have pumper trucks move water when pumps are inoperable.
Cost Calculation:	Estimate
O & M Impact:	This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 60,000	100%
Total	\$ 60,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620033	\$ 60,000	100%
Total	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 60,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Pump Station Generator Undetermined Locations #4**

Project Number: 620046

Project Cost: \$ 50,000

Description: Install stationary generator and transfer switches.

Benefits: Onsite power generation for critical pump station. Necessary for emergency flow during extended power outages. We will focus on bottlenecks first, then work outward from there.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 50,000	100%
Total	\$ 50,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620046	\$ 50,000	100%
Total	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 50,000	100%
2022-23		0%
2023-24		0%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Pump Station Bypass Program**

Project Number: 620033

Project Cost: \$ 60,000

Description: Install vaults, valves, and piping to connect a bypass pump up the sanitary sewer force mains adjacent to the pump stations.

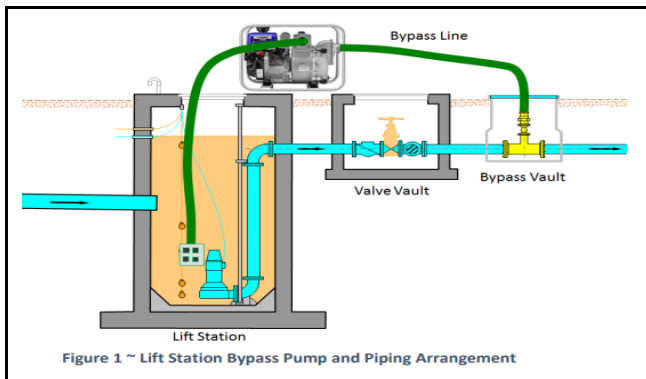
Benefits: Gives alternative pumping options when built in equipment fails or is overloaded.
Reduces need to have pumper trucks move water when pumps are inoperable.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET	Estimate	% of Total
	\$ 60,000	100%
Total	\$ 60,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620033	\$ 60,000	100%
Total	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 60,000	100%
2023-24		0%
2024-25		0%
Total	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Pump Station Generator Undetermined Locations #5
Project Number:	620046
Project Cost:	\$ 50,000
Description:	Install stationary generator and transfer switches.
Benefits:	Onsite power generation for critical pump station. Necessary for emergency flow during extended power outages. We will focus on bottlenecks first, then work outward from there.
Cost Calculation:	Estimate
O & M Impact:	This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 50,000	100%
Total	\$ 50,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620046	\$ 50,000	100%
Total	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 50,000	100%
2024-25		0%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Pump Station Bypass Program**

Project Number: 620033

Project Cost: \$ 60,000

Description: Install vaults, valves, and piping to connect a bypass pump up the sanitary sewer force mains adjacent to the pump stations.

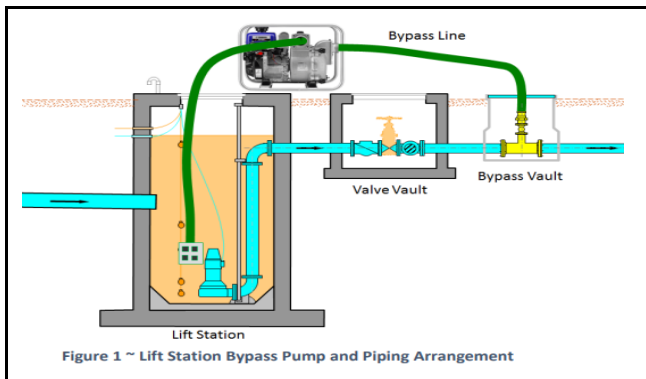
Benefits: Gives alternative pumping options when built in equipment fails or is overloaded.
Reduces need to have pumper trucks move water when pumps are inoperable.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET	Estimate	% of Total
	\$ 60,000	100%
Total	\$ 60,000	100%

FUNDING SOURCES	Amount	% of Total
Source		
038-430-620033	\$ 60,000	100%
Total	\$ 60,000	100%



SCHEDULE	Amount	% of Total
Fiscal Year		
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 60,000	100%
2024-25		0%
Total	\$ 60,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Septage Station Equalization**

Project Number:

Project Cost: \$ 100,000

Description: Add an equalization tank to the Septage Receiving Station.

Benefits: Adding an equalization tank will allow the treatment plant to reduce its peak daily loads by collecting and metering in the hauled waste over a period of days, reducing the impact of slug loading on the process.

Cost Calculation: Estimate

O & M Impact: Funding from Sewer Capital Reserve Fund.

BUDGET	Estimate	% of Total
Construction	\$ 100,000	100%
Total	\$ 100,000	100%

FUNDING SOURCES	Amount	% of Total
Source 038-430	\$ 100,000	100%
Total	\$ 100,000	100%



SCHEDULE	Amount	% of Total
Fiscal Year 2019-20		0%
2020-21		0%
2020-22		0%
2022-23		0%
2023-24	\$ 100,000	100%
2024-25		0%
Total	\$ 100,000	0%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **4th UV Disinfection Module**

Project Number:

Project Cost: \$ 30,000

Description: Effluent channel and UV system was designed for addition of 4th UV module when flow increase above capacity of disinfection system.

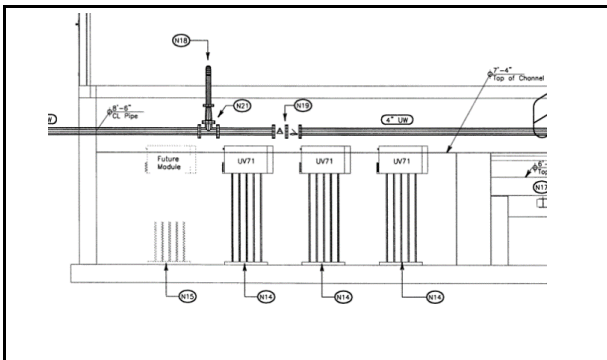
Benefits: Have funds available to purchase 4th module, increased disinfection capacity.

Cost Calculation: Estimate

O & M Impact: Funded from sewer capital fund.

BUDGET		
	Estimate	% of Total
	\$ 30,000	100%
Total	\$ 30,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-435	\$ 30,000	100%
Total	\$ 30,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 30,000	100%
2024-25		0%
Total	\$ 30,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Ultraviolet (UV) PLC Upgrade**

Project Number:

Project Cost: \$ 60,000

Description: Updated Programmable Logic Controller (PLC) for the ultraviolet (UV) control panel with ability to be tied into SCADA.

Benefits: PLC supplied with system is very basic, an upgrade would allow all controls for the UV system to be brought into the SCADA system.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 60,000	100%
Total	\$ 60,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-435	\$ 60,000	100%
Total	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 60,000	100%
2024-25		0%
Total	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Fourth (4th) SBR Basin Construction Project**

Project Number:

Project Cost: \$ 4,100,000

Description: Sewer Treatment plant expansion. Addition of a 4th SBR basin or other treatment plant modification as determined in facilities planning.

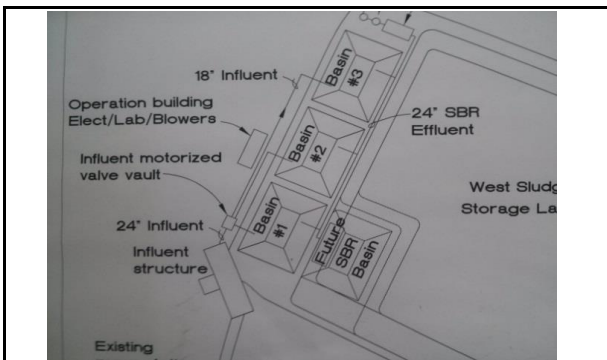
Benefits: Allow for increased loading capacity as the city grows. Allow the City to continue to growing with out cutting out development.

Cost Calculation: Need engineering report to finalize

O & M Impact: Treatment is nearing capacity, without expansion the system will not be able to handle the additional loading from growth or will be at risk of permit violations.

BUDGET		
	Estimate	% of Total
	\$ 4,100,000	100%
Total	\$ 4,100,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-435	\$ 4,100,000	100%
Total	\$ 4,100,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 4,100,000	100%
2024-25		0%
Total	\$ 4,100,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **WWTP Headworks Parallel Fine Screen Project**

Project Number:

Project Cost: \$ 40,000

Description: Remove bar screen from bypass channel and install a fine screen.

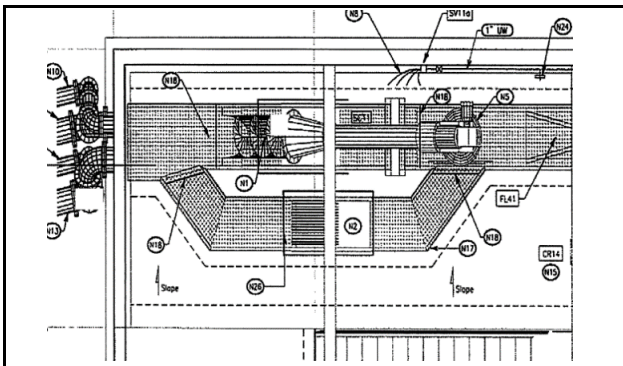
Benefits: Eliminate screenings bypass.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 40,000	100%
Total	\$ 40,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-435	\$ 40,000	100%
Total	\$ 40,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 40,000	100%
2024-25		0%
Total	\$ 40,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Biosolids Removal Project**

Project Number:

Project Cost: \$ 500,000

Description: Project to remove the accumulated biosolids in the West Sludge Lagoon.

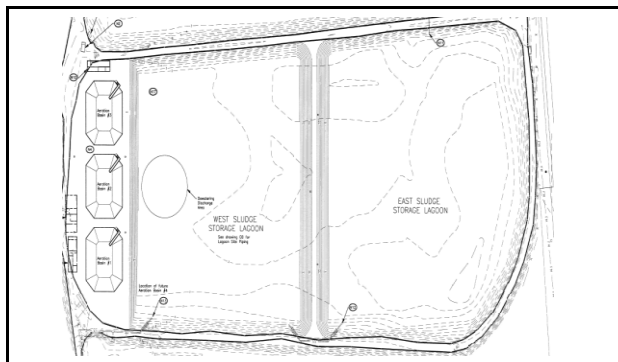
Benefits: The West sludge lagoon is nearing capacity. Once the East sludge lagoon is put online we will need to work on quantifying and qualifying the solids in the West lagoon. This sludge needs removed before the east sludge lagoon reaches capacity.

Cost Calculation: Estimate

O & M Impact: The biosolids removal process is heavily regulated. The West Sludge Lagoon will have to have the solids removed so that we can continue to have a location to store solids.

BUDGET		
	Estimate	% of Total
Engineering	\$ 500,000	100%
Total	\$ 500,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-435	\$ 500,000	100%
Total	\$ 500,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 500,000	100%
2024-25		0%
Total	\$ 500,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Pump Station Generator Undetermined Locations 6**

Project Number: 620046

Project Cost: \$ 250,000

Description: Install stationary generator and transfer switches.

Benefits: Onsite power generation for critical pump station. Necessary for emergency flow during extended power outages. We will focus on bottle necks first, then work outward from there.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 50,000	100%
Total	\$ 50,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620046	\$ 50,000	100%
Total	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 50,000	100%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Pump Station Bypass Program**

Project Number: 620033

Project Cost: \$ 60,000

Description: Install vaults, valves, and piping to connect a bypass pump up the sanitary sewer force mains adjacent to the pump stations.

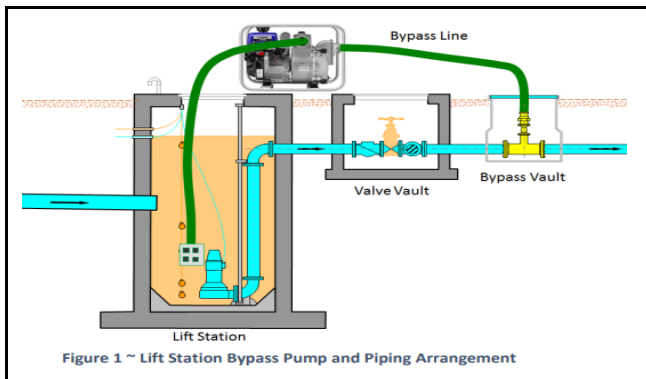
Benefits: Gives alternative pumping options when built in equipment fails or is overloaded.
Reduces need to have pumper trucks move water when pumps are inoperable.

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
	\$ 60,000	100%
Total	\$ 60,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620033	\$ 60,000	100%
Total	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 60,000	100%
Total	\$ 60,000	100%



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Sanitation

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of Public Works offices; continue work on break room and warehouse.

Benefits: Provide space for engineering, file storage, electronic equipment storage, small conference room, and additional office space area for staff.

Cost Calculation: Estimate

O & M Impact: This will be funded by a percentage across all of the Public Works divisions.

BUDGET		
	Estimate	% of Total
Construction	\$ 10,000	100%
Total	\$ 10,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Parks 001-429	\$ 255	2.55%
Storm 028-430	\$ 853	8.53%
Water 029-430	\$ 3,489	34.89%
Sanitation 034-430	\$ 2,340	23.40%
Sewer 038-430	\$ 2,808	28.08%
Streets 040-431	\$ 255	2.55%
Total	\$ 10,000	100%



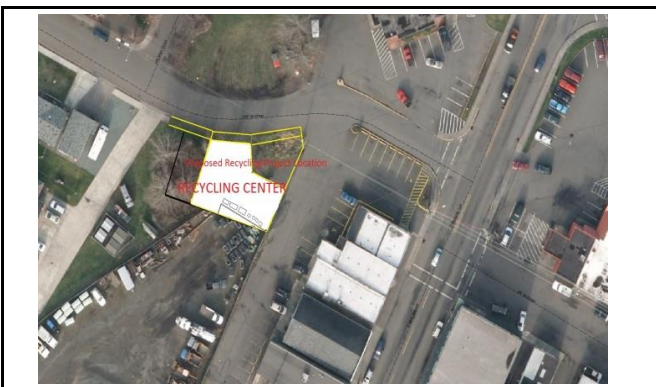
SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 10,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SW 1st Street Recycling Center Upgrades
Project Number:	620001
Project Cost:	\$ 25,000
Description:	Rebuild recycling center on SW 1st Street west of S Main Avenue.
Benefits:	Improve circulation and appearances for existing recycling center. Provide lighting and a paved surface to improve maintenance.
Cost Calculation:	Eng. Estimate
O & M Impact:	Funded from Sanitation Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 25,000	100%
Total	\$ 25,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
034-430-620001	\$ 25,000	100%
Total	\$ 25,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 25,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 25,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Truck Washout Facility**

Project Number:

Project Cost: \$ 50,000

Description: **Develop a site to clean out the garbage trucks.**

Benefits: **Designated site that would collect the trash that blows off of the trucks when cleaning garbage truck and other City equipment.**

Cost Calculation: **Eng. Estimate**

O & M Impact: **Funded from Sanitation Capital Reserve Fund.**

BUDGET		
	Estimate	% of Total
Construction	\$ 50,000	100%
Total	\$ 50,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
034-430	\$ 50,000	100%
Total	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$50,000	100%
2023-24		0%
2024-25		0%
Total	\$ 50,000	100%



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Streets

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of Public Works offices; continue work on break room and warehouse.

Benefits: Provide space for engineering, file storage, electronic equipment storage, small conference room, and additional office space area for staff.

Cost Calculation: Estimate

O & M Impact: This will be funded by a percentage across all of the Public Works divisions.

BUDGET				FUNDING SOURCES			
	Estimate	% of Total		Source	Amount	% of Total	
Construction	\$ 10,000	100%		Parks 001-429	\$ 255	2.55%	
				Storm 028-430	\$ 853	8.53%	
				Water 029-430	\$ 3,489	34.89%	
				Sanitation 034-430	\$ 2,340	23.40%	
				Sewer 038-430	\$ 2,808	28.08%	
				Streets 040-431	\$ 255	2.55%	
Total	\$ 10,000	100%		Total	\$ 10,000	100%	



SCHEDULE			
Fiscal Year	Amount	% of Total	
2019-20	\$ 10,000	100%	
2020-21		0%	
2021-22		0%	
2022-23		0%	
2023-24		0%	
2024-25		0%	
Total	\$ 10,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)**

Project Number: 620078

Project Cost: \$ 692,000

Description: Add sewer low pressure sewer system and repair & rebuild N Main Ave. and NW 7th Pl.

Benefits: Rebuilding this roadway will dramatically improve rideability and routine maintenance.

Cost Calculation: Eng. Estimate

O & M Impact: This section of roadway requires periodic repairs to potholes and has caused vehicular damage from sections of the old concrete roadway dislodging.

BUDGET		
	Estimate	% of Total
Construction	\$ 692,000	100%
Total	\$ 692,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Streets 040-431-620078	\$ 567,000	82%
Sewer 038-430-620078	\$ 125,000	18%
Total	\$ 692,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 692,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 692,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Intersection of SW 9th St and S Main Ave**

Project Number: 620086

Project Cost: \$ 220,000

Description: Improvements to widen the intersection of 9th and Main.

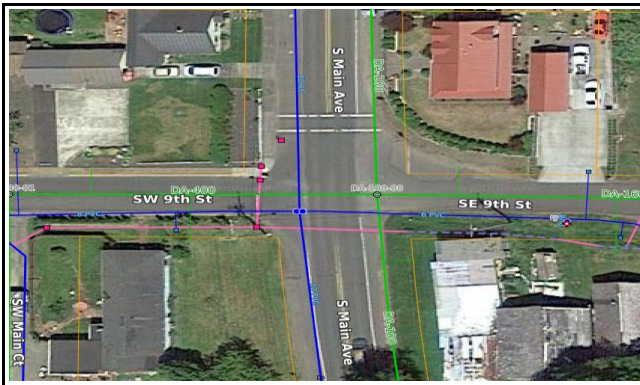
Benefits: Intersection currently does not accommodate all vehicles. This project would make room for large vehicles like fire trucks and school buses.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 220,000	100%
Total	\$ 220,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431-620086	\$ 220,000	100%
Total	\$ 220,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 220,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 220,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SW 2nd Street (Elm - Gardenia)**

Project Number: 620068

Project Cost: \$ 320,000

Description: Construct new roadway for SW 2nd Street between Elm and Gardenia. Design will involve determining if any wetland mitigation needs to be done. Project will likely partner with Clatsop County and North Coast Land Conservancy for mitigation.

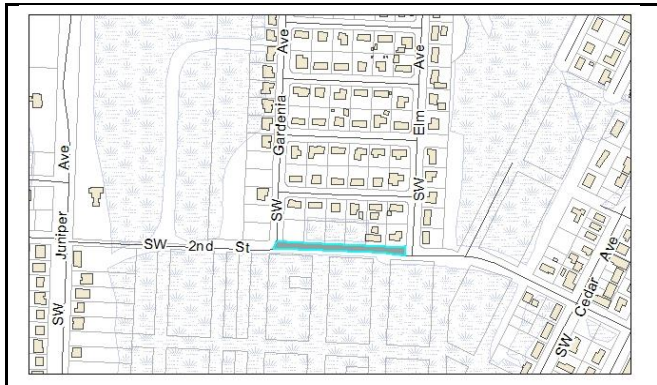
Benefits: Connectivity between downtown and Juniper residential area.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 320,000	100%
Total	\$ 320,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431-620068	\$ 320,000	100%
Total	\$ 320,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 320,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 320,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SW 4th Street (S Main Ave - SW Alder Ct)**

Project Number: 620084

Project Cost: \$ 836,000

Description: Improve SW 4th Street roadway between S Main Ave. and SW Alder Court, add sidewalk, and move powerline underground for street lights. Replace 500 LF of undersized waterline with new 8" main.

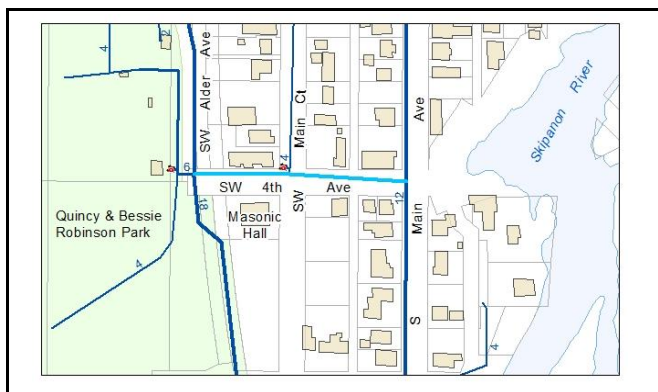
Benefits: Rebuild deteriorated and irregular roadway.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from State Tax Street Fund, Water Fund Capital Reserve, Storm Sewer Capital Reserve, and Urban Renewal.

BUDGET			
	Estimate	% of Total	
Construction	\$ 836,000	100%	
Total	\$ 836,000	100%	

FUNDING SOURCES			
Source	Amount	% of Total	
Streets 040-431	\$ 218,000	26.1%	
Urban 200-800	\$ 412,000	49.3%	
Water 029-430	\$ 58,000	6.9%	
Storm 028-430	\$ 148,000	17.7%	
Total	\$ 836,000	100%	



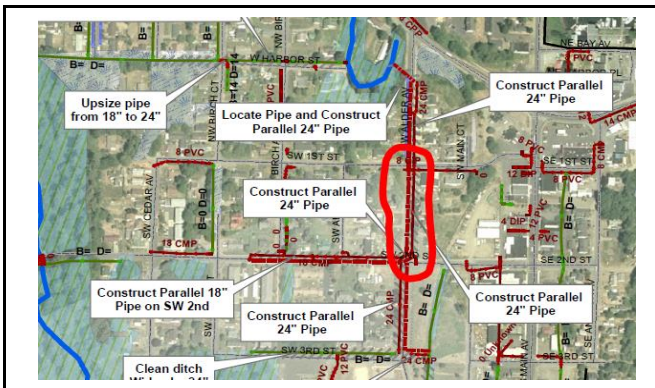
SCHEDULE			
Fiscal Year	Amount	% of Total	
2019-20	\$ 836,000	100%	
2020-21		0%	
2021-22		0%	
2022-23		0%	
2023-24		0%	
2024-25		0%	
Total	\$ 836,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SW Alder Ave (2nd to 1st)
Project Number:	620087
Project Cost:	\$ 450,000
Description:	Reconstruct the road, address existing deficiencies in storm water conveyance network by constructing 24" pipe from SW 2nd St to SW 1st.
Benefits:	Reduce flooding and provide better drainage throughout town.
Cost Calculation:	Eng. Estimate
O & M Impact:	Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 450,000	100%
Total	\$ 450,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Storm 028-430	\$ 125,000.00	28%
Streets 040-431	\$ 325,000.00	72%
Total	\$ 450,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 450,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 450,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Warrenton Trails Wayfinding Signs**

Project Number: 620012

Project Cost: \$ 50,000

Description: Improve wayfinding signage and visibility of Warrenton Waterfront Trail.

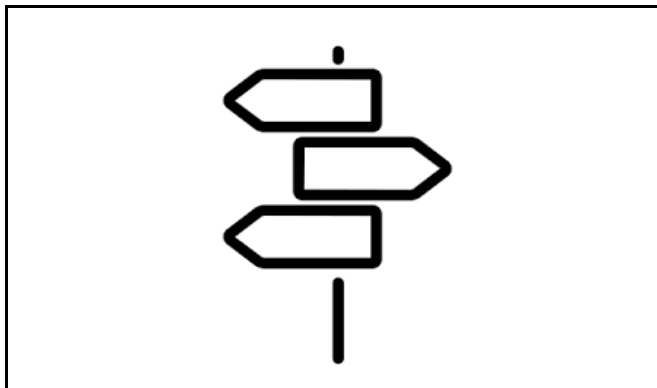
Benefits: Provide a bicycle wayfinding signage network to help guide bicyclists to and from local destinations via bike routes and trails

Cost Calculation: TSP

O & M Impact: Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 50,000	100%
Total	\$ 50,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431-620012	\$ 50,000	100%
Total	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 50,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Upgrade Curb and Sidewalk at Elementary School

Project Number: 620013

Project Cost: \$ 40,000

Description: Upgrade curb and crosswalks to be ADA-compliant at Warrenton Elementary School

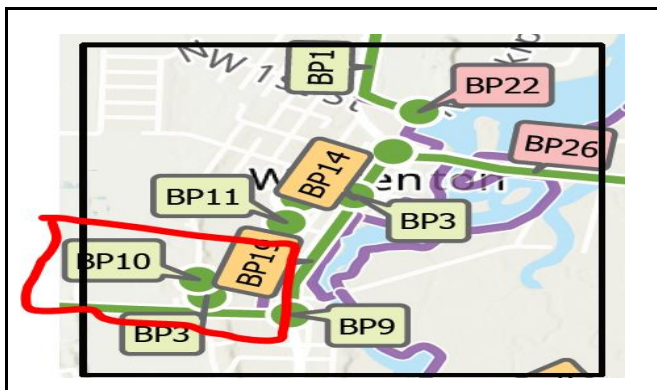
Benefits: Conform with federal requirements.

Cost Calculation: TSP

O & M Impact: Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 40,000	100%
Total	\$ 40,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431-620013	\$ 40,000	100%
Total	\$ 40,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 40,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 40,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)**

Project Number: 620078

Project Cost: \$ 551,000

Description: These funds will be used to complete the street project with an increased width and sidewalk.

Benefits: Rebuilding this roadway will dramatically improve rideability and routine maintenance.

Cost Calculation: Eng. Estimate

O & M Impact: This section of roadway requires periodic repairs to potholes and has caused vehicular damage from sections of the old concrete roadway dislodging.

BUDGET		
	Estimate	% of Total
Construction	\$ 551,000	100%
TOTAL	\$ 551,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431-620078	\$ 551,000	100%
TOTAL	\$ 551,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21	\$ 551,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
TOTAL	\$ 551,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SE 2nd Street (SE Marlin -Warrenton Commercial Center)**

Project Number:

Project Cost: \$ 100,000

Description: Rebuild SE 2nd Street east of SE Marlin Ave to old Costco site.

Benefits: Roadway has outlived its useful life.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of total
Engineering	\$ 15,000	15%
Construction	\$ 85,000	85%
Total	\$ 100,000	100%

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 100,000	100%
Total	\$ 100,000	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2019-20		0%
2020-21	\$ 100,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 100,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Bicycle Parking**

Project Number:

Project Cost: \$ 5,000


Description: Install bicycle parking at points of interest, such as downtown Warrenton, the city park, and the Warrenton soccer complex

Benefits: Provide secure places for people to store their bikes while traveling across town on bicycles.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from State Tax Street Fund.

BUDGET				FUNDING SOURCES			
	Estimate		% of Total	Source	Amount		% of Total
Construction	\$ 5,000		100%	040-431	\$ 5,000		100%
Total	\$ 5,000		100%	Total	\$ 5,000		100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2019-20		0%
	2020-21	\$ 5,000	100%
	2021-22		0%
	2022-23		0%
	2023-24		0%
2024-25		0%	
Total	\$ 5,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Community Center and City Park Crosswalk**

Project Number:

Project Cost: \$ 30,000

Description: New marked crosswalks near community center/park. The crossings at SW 4th street would also require installation of new curb.

Benefits: Increase pedestrian safety

Cost Calculation: TSP

O & M Impact: Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 30,000	100%
Total	\$ 30,000	100%

FUNDING SOURCES		
	Amount	% of Total
040-431	\$ 30,000	100%
Total	\$ 30,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21	\$ 30,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 30,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SE 2nd Street Improvement Project (Main - Skipanon River Park)**

Project Number:

Project Cost: \$ 281,000.00


Description: Rebuild SE 2nd Street between S. Main St. and SE Anchor.

Benefits: Roadway west of SE Anchor has outlived its useful life and no pavement exists between SE Anchor and the Skipanon Boat Launch feature.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from State Tax Street Fund. Could also use Urban Renewal Funds as a downtown enhancement project.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Engineering	\$ 43,000	15%	040-431	\$ 281,000	100%
Construction	\$ 238,000	85%			
Total	\$ 281,000	100%	Total	\$ 281,000	100%

	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">SCHEDULE</th> </tr> <tr> <th style="text-align: left;">Fiscal Year</th> <th style="text-align: right;">Amount</th> <th style="text-align: right;">% of Total</th> </tr> </thead> <tbody> <tr> <td>2019-20</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2020-21</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2021-22</td> <td style="text-align: right;">\$ 281,000</td> <td style="text-align: right;">100%</td> </tr> <tr> <td>2022-23</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2023-24</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2024-25</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$ 281,000</td> <td style="text-align: right;">100%</td> </tr> </tbody> </table>	SCHEDULE			Fiscal Year	Amount	% of Total	2019-20		0%	2020-21		0%	2021-22	\$ 281,000	100%	2022-23		0%	2023-24		0%	2024-25		0%	Total	\$ 281,000	100%
SCHEDULE																												
Fiscal Year	Amount	% of Total																										
2019-20		0%																										
2020-21		0%																										
2021-22	\$ 281,000	100%																										
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2023-24		0%																										
2024-25		0%																										
Total	\$ 281,000	100%																										

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **S. Main Avenue & SW 14th Place (Orchard Subdivision) Sidewalks**

Project Number:

Project Cost: \$ 24,000

Description: Provide future sidewalks on South Main Ave per agreement with Orchard Subdivision developer.

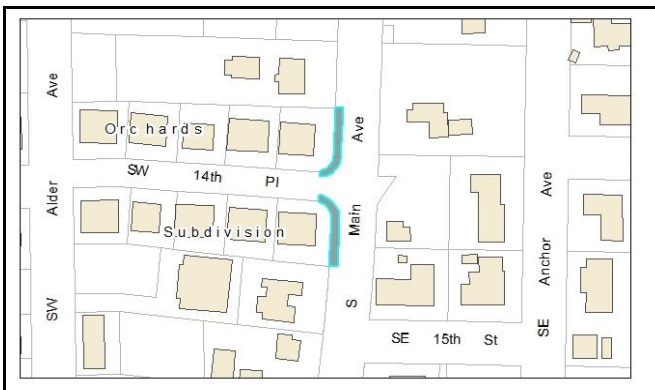
Benefits: Project is not viable without significant funding to address drainage and a realistic construction cost.

Cost Calculation: Eng. Estimate

O & M Impact: Funding from Developer's Bond. Historically used as a placeholder to retain funding from Sub divider's Bond.

BUDGET		
	Estimate	% of Total
Design	\$ 8,000	33%
Construction	\$ 16,000	67%
Total	\$ 24,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Developer	\$ 8,000	33%
040-431	\$ 16,000	67%
Total	\$ 24,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 24,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 24,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Enhanced Bicycle and Pedestrian Connectivity Along SW 9th Street**

Project Number:

Project Cost: \$ 1,160,000

Description: Provide enhanced bicycle and pedestrian connectivity along SW 9th Street. Option A: Widen sidewalk to 10 feet on north side Option B: Multiuse path (Cedar Dr. to Ridge Rd)

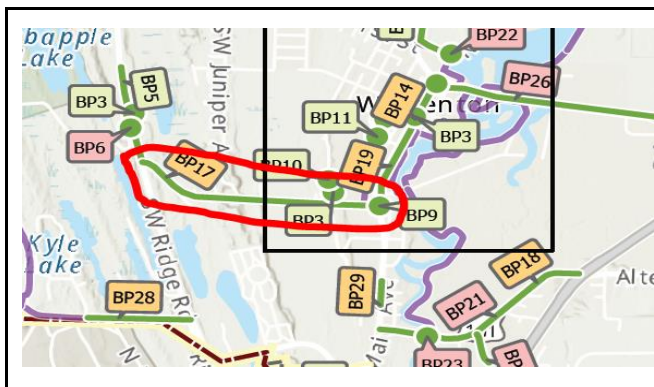
Benefits: Promote alternative transportation across town and reduce traffic.

Cost Calculation: TSP

O & M Impact: Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 1,160,000	100%
Total	\$ 1,160,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431	\$ 1,160,000	100%
Total	\$ 1,160,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 1,160,000	100%
2023-24		0%
2024-25		0%
Total	\$ 1,160,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Bike Lanes and Sidewalk on SE Neptune**

Project Number:

Project Cost: \$ 1,400,000

Description: Construct bicycle lanes, curb, gutter, and sidewalks on both sides of SW Neptune Avenue between Harbor Drive and US 101.

Benefits: Increase pedestrian safety.

Cost Calculation: TSP

O & M Impact: Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 1,400,000	100%
Total	\$ 1,400,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431	\$ 1,400,000	100%
Total	\$ 1,400,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 1,400,000	100%
2024-25		0%
Total	\$ 1,400,000	100%



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Storm Sewer

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000


Description: Remodel of Public Works offices; continue work on break room and warehouse.

Benefits: Provide space for engineering, file storage, electronic equipment storage, small conference room, and additional office space area for staff.

Cost Calculation: Estimate

O & M Impact: This will be funded by a percentage across all of the Public Works divisions.

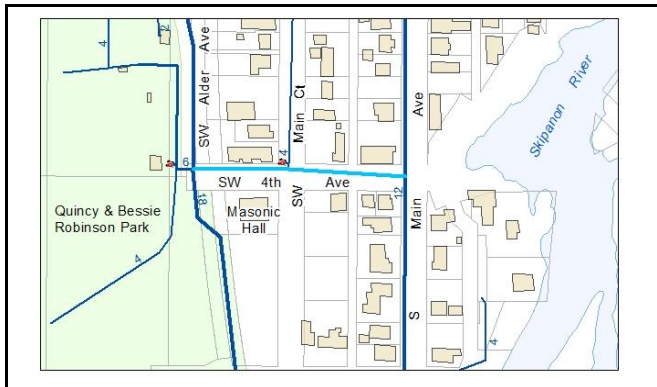
BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 10,000	100%	Parks 001-429	\$ 255	2.55%
			Storm 028-430	\$ 853	8.53%
			Water 029-430	\$ 3,489	34.89%
			Sanitation 034-430	\$ 2,340	23.40%
			Sewer 038-430	\$ 2,808	28.08%
			Streets 040-431	\$ 255	2.55%
Total	\$ 10,000	100%	Total	\$ 10,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2019-20	\$ 10,000	100%
	2020-21		0%
	2021-22		0%
	2022-23		0%
	2023-24		0%
2024-25		0%	
Total	\$ 10,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SW 4th Street (S Main Ave - SW Alder Ct)
Project Number:	620084
Project Cost:	\$ 836,000
Description:	Improve SW 4th Street roadway between S Main Ave. and SW Alder Court, add sidewalk, and move powerlines underground for street lights. Replace 500 LF of undersized waterline with new 8" main.
Benefits:	Rebuild deteriorated and irregular roadway.
Cost Calculation:	Eng. Estimate
O & M Impact:	Funded from State Tax Street Fund, Water Fund Capital Reserve, Storm Sewer Capital Reserve, and Urban Renewal.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 836,000	100%	Streets 040-431	\$ 218,000	26.1%
			Urban 200-800	\$ 412,000	49.3%
			Water 029-430	\$ 58,000	6.9%
			Storm 028-430	\$ 148,000	17.7%
Total	\$ 836,000	100%	Total	\$ 836,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 836,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 836,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SW Alder Ave (2nd to 1st)
Project Number:	620087
Project Cost:	\$ 450,000
Description:	Reconstruct the road, address existing deficiencies in storm water conveyance network by constructing 24" pipe from SW 2nd St. to SW 1st.
Benefits:	Reduce flooding and provide better drainage throughout town.
Cost Calculation:	Eng. Estimate
O & M Impact:	Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 450,000	100%	Storm 028-430	\$ 125,000	28%
			Streets 040-431	\$ 325,000	72%
Total	\$ 450,000	100%	Total	\$ 450,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2019-20	\$ 450,000	100%
	2020-21		0%
	2021-22		0%
	2022-23		0%
	2023-24		0%
	2024-25		0%
Total	\$ 450,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Tide Gate Replacement Program**

Project Number: 620082

Project Cost: \$ 50,000

Description: Ongoing capital funding to replace tide gates for dike compliance with Corp of Engineers' requirements. Extent of program to be identified with tide gate inspection efforts.

Benefits: Maintain integrity of diking system for flood protection for the City.

Cost Calculation: Estimates

O & M Impact: Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 50,000	100%	028-430-620082	\$ 50,000	100%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2019-20	\$ 50,000	100.00%
	2020-21		0.00%
	2021-22		0.00%
	2022-23		0.00%
	2023-24		0.00%
2024-25		0.00%	
Total	\$ 50,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Tide Gate Replacement Program**

Project Number: 620082

Project Cost: \$ 50,000

Description: Ongoing capital funding to replace tide gates for dike compliance with Corp of Engineers' requirements. Extent of program to be identified with tide gate inspection efforts.

Benefits: Maintain integrity of diking system for flood protection for the City.

Cost Calculation: Estimates

O & M Impact: Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 50,000	100%	028-430-620082	\$ 50,000	100%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">SCHEDULE</th> </tr> <tr> <th style="width: 30%;">Fiscal Year</th> <th style="width: 30%;">Amount</th> <th style="width: 40%;">% of Total</th> </tr> </thead> <tbody> <tr> <td>2019-20</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>2020-21</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">100.00%</td> </tr> <tr> <td>2021-22</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>2022-23</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>2023-24</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>2024-25</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">100%</td> </tr> </tbody> </table>	SCHEDULE			Fiscal Year	Amount	% of Total	2019-20		0.00%	2020-21	\$ 50,000	100.00%	2021-22		0.00%	2022-23		0.00%	2023-24		0.00%	2024-25		0.00%	Total	\$ 50,000	100%
SCHEDULE																												
Fiscal Year	Amount	% of Total																										
2019-20		0.00%																										
2020-21	\$ 50,000	100.00%																										
2021-22		0.00%																										
2022-23		0.00%																										
2023-24		0.00%																										
2024-25		0.00%																										
Total	\$ 50,000	100%																										

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **West Hammond Work**

Project Number:

Project Cost: \$ 450,000

Description: Replace and upsize 30" corrugated metal culvert and tide gate in Hammond Marina.

Benefits: Increase capacity in system. Will help with drainage if interconnected to the conveyance system east in the Enterprise ditch subbasin. Will decrease unwanted bi-directional flows during high tide.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 450,000	100%	028-430	\$ 450,000	100%
Total	\$ 450,000	100%	Total	\$ 450,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21	\$ 450,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 450,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Tide Gate Replacement Program**

Project Number: 620082

Project Cost: \$ 50,000

Description: Ongoing capital funding to replace tide gates for dike compliance with Corp of Engineers' requirements. Extent of program to be identified with tide gate inspection efforts.

Benefits: Maintain integrity of diking system for flood protection for the City.

Cost Calculation: Estimates

O & M Impact: Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 50,000	100%	028-430-620082	\$ 50,000	100%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2019-20		0.00%
	2020-21		0.00%
	2021-22	\$ 50,000	100.00%
	2022-23		0.00%
	2023-24		0.00%
2024-25		0.00%	
Total	\$ 50,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SW Alder Ave (3rd to 2nd)**

Project Number:

Project Cost: \$ 125,000

Description: SWMP Recommendations - Address existing deficiencies in conveyance network.
Construct 24" pipe on SW Alder Ave. from SW 3rd St to SW 2nd St.

Benefits: Reduce flooding and provide better drainage throughout town.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 125,000	100%	028-430	\$ 125,000	100%
Total	\$ 125,000	100%	Total	\$ 125,000	100%

The map shows an aerial view of a residential area with streets including Harbor St, Alder Ave, and Cedar Ave. Red lines indicate the project location along SW Alder Ave. Callouts include: 'Upsize pipe from 18" to 24"', 'Locate Pipe and Construct Parallel 24" Pipe', 'Construct Parallel 24" Pipe' (multiple locations), 'Construct Parallel 18" Pipe on SW 2nd', and 'Clean ditch'.

SCHEDULE		Amount	% of Total
Fiscal Year			
2019-20			0%
2020-21			0%
2021-22	\$ 125,000		100%
2022-23			0%
2023-24			0%
2024-25			0%
Total	\$ 125,000		100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Tide Gate Replacement Program**

Project Number: 620082

Project Cost: \$ 50,000

Description: Ongoing capital funding to replace tide gates for dike compliance with Corp of Engineers' requirements. Extent of program to be identified with tide gate inspection efforts.

Benefits: Maintain integrity of diking system for flood protection for the City.

Cost Calculation: Estimates

O & M Impact: Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 50,000	100%	028-430-620082	\$ 50,000	100%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2019-20		0.00%
	2020-21		0.00%
	2021-22		0.00%
	2022-23	\$ 50,000	100.00%
	2023-24		0.00%
2024-25		0.00%	
Total	\$ 50,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SW Alder Ave (1st to W Harbor)
Project Number:	
Project Cost:	\$ 125,000
Description:	SWMP Recommendations - Address existing deficiencies in conveyance network. Construct 24" pipe from SW 1st to W Harbor.
Benefits:	Reduce flooding and provide better drainage throughout town.
Cost Calculation:	Eng. Estimate
O & M Impact:	Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 125,000	100%	028-430	\$ 125,000	100%
Total	\$ 125,000	100%	Total	\$ 125,000	100%

	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Fiscal Year</th> <th style="text-align: right;">Amount</th> <th style="text-align: right;">% of Total</th> </tr> </thead> <tbody> <tr> <td>2019-20</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2020-21</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2021-22</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2022-23</td> <td style="text-align: right;">\$ 125,000</td> <td style="text-align: right;">100%</td> </tr> <tr> <td>2023-24</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2024-25</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$ 125,000</td> <td style="text-align: right;">100%</td> </tr> </tbody> </table>	Fiscal Year	Amount	% of Total	2019-20		0%	2020-21		0%	2021-22		0%	2022-23	\$ 125,000	100%	2023-24		0%	2024-25		0%	Total	\$ 125,000	100%
Fiscal Year	Amount	% of Total																							
2019-20		0%																							
2020-21		0%																							
2021-22		0%																							
2022-23	\$ 125,000	100%																							
2023-24		0%																							
2024-25		0%																							
Total	\$ 125,000	100%																							

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Tide Gate Replacement Program**

Project Number: 620082

Project Cost: \$ 50,000

Description: Ongoing capital funding to replace tide gates for dike compliance with Corp of Engineers' requirements. Extent of program to be identified with tide gate inspection efforts.

Benefits: Maintain integrity of diking system for flood protection for the City.

Cost Calculation: Estimates

O & M Impact: Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 50,000	100%	028-430-620082	\$ 50,000	100%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2019-20		0.00%
	2020-21		0.00%
	2021-22		0.00%
	2022-23		0.00%
	2023-24	\$ 50,000	100.00%
2024-25		0.00%	
Total	\$ 50,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **O&M and Alder Monitoring**

Project Number:

Project Cost: \$ 160,000

Description: SWMP Recommendations - Develop O&M plan to clear and maintain City drainage. Monitor water elevations on Alder Creek.

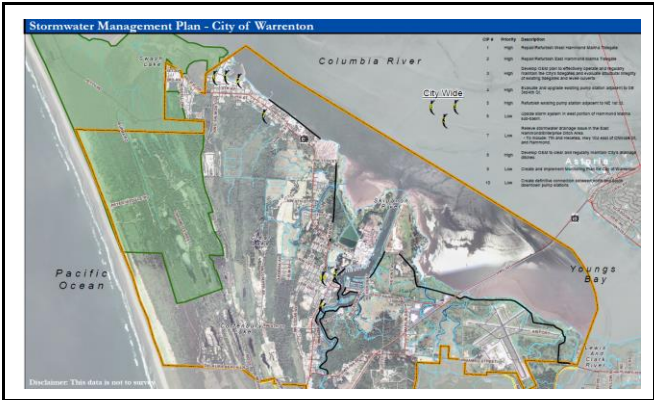
Benefits: Reduce flooding and provide better drainage throughout town.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from Storm Sewer Capital Fund

BUDGET		
	Estimate	% of total
Design/Planning	\$ 160,000	100%
Total	\$ 160,000	100%

FUNDING SOURCES		
Source	Amount	% of total
028-430	\$ 160,000	100%
Total	\$ 160,000	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 160,000	100%
2024-25		0%
Total	\$ 160,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Tide Gate Replacement Program**

Project Number: 620082

Project Cost: \$ 50,000

Description: Ongoing capital funding to replace tide gates for dike compliance with Corp of Engineers' requirements. Extent of program to be identified with tide gate inspection efforts.

Benefits: Maintain integrity of diking system for flood protection for the City.

Cost Calculation: Estimates

O & M Impact: Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 50,000	100%	028-430-620082	\$ 50,000	100%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">SCHEDULE</th> </tr> <tr> <th style="width: 30%;">Fiscal Year</th> <th style="width: 30%;">Amount</th> <th style="width: 40%;">% of Total</th> </tr> </thead> <tbody> <tr> <td>2019-20</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>2020-21</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>2021-22</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>2022-23</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>2023-24</td> <td></td> <td style="text-align: right;">0.00%</td> </tr> <tr> <td>2024-25</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">100.00%</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">100%</td> </tr> </tbody> </table>	SCHEDULE			Fiscal Year	Amount	% of Total	2019-20		0.00%	2020-21		0.00%	2021-22		0.00%	2022-23		0.00%	2023-24		0.00%	2024-25	\$ 50,000	100.00%	Total	\$ 50,000	100%
SCHEDULE																												
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2019-20		0.00%																										
2020-21		0.00%																										
2021-22		0.00%																										
2022-23		0.00%																										
2023-24		0.00%																										
2024-25	\$ 50,000	100.00%																										
Total	\$ 50,000	100%																										

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Upsize Storm System in Hammond Marina**

Project Number:

Project Cost: \$ 494,396

Description: Upsize storm water system in Hammond per SWMP recommendations. This includes the \$50,000 set aside each year to fund SWMP Recommendations.

Benefits: Reduce flooding and provide better drainage throughout town.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from Storm Sewer Capital Fund and Storm Sewer SDC

BUDGET		
	Estimate	% of Total
Construction	\$ 494,396	100%
Total	\$ 494,396	100%

FUNDING SOURCES		
Source	Amount	% of Total
Storm 028-430	\$ 425,000	86%
Storm SDC 051-410	\$ 69,396	14%
Total	\$ 494,396	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 494,396	100%
Total	\$ 494,396	100%



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Public Works Equipment

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **1-Ton Service Truck Purchase**

Project Number: 610005

Project Cost: \$ 50,000

Description: Ongoing service truck replacement program to keep the Public Works service vehicle fleet in good shape. Trucks are replaced on an annual basis.

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

O & M Impact: By buying a new truck every year, the oldest service vehicle in the fleet is assured to be no more than six years old. This keeps maintenance costs at a minimum.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 50,000	100%	Parks 001-429	\$ 1,000	2%
			Storm 028-430	\$ 1,500	3%
			Water 029-430	\$ 21,000	42%
			Sanitation 034-430	\$ 6,500	13%
			Sewer 038-430	\$ 15,500	31%
			Streets 040-431	\$ 4,500	9%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 50,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 50,000	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Purchase Garbage Truck**

Project Number: 610008

Project Cost: \$ 430,000

Description: Purchase garbage truck.

Benefits: 9 year truck replacement program.

Cost Calculation: New

O & M Impact: Allow less down time for equipment maintenance for critical customer service scheduling.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 430,000	100%	034-430-610008	\$ 430,000	100%
Total	\$ 430,000	100%	Total	\$ 430,000	100%

SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 430,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 430,000	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **1-Ton Service Truck Purchase**

Project Number: 610005

Project Cost: \$ 50,000

Description: Ongoing service truck replacement program to keep the Public Works service vehicle fleet in good shape. Trucks are replaced on an annual basis.

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

O & M Impact: By buying a new truck every year, the oldest service vehicle in the fleet is assured to be no more than six years old. This keeps maintenance costs at a minimum.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 50,000	100%	Parks 001-429	\$ 1,000	2%
			Storm 028-430	\$ 1,500	3%
			Water 029-430	\$ 21,000	42%
			Sanitation 034-430	\$ 6,500	13%
			Sewer 038-430	\$ 15,500	31%
			Streets 040-431	\$ 4,500	9%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21	\$ 50,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 50,000	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **1-Ton Service Truck Purchase**

Project Number: 610005

Project Cost: \$ 50,000

Description: Ongoing service truck replacement program to keep the Public Works service vehicle fleet in good shape. Trucks are replaced on an annual basis.

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

O & M Impact: By buying a new truck every year, the oldest service vehicle in the fleet is assured to be no more than six years old. This keeps maintenance costs at a minimum.

BUDGET		
	Estimate	% of Total
	\$ 50,000	100%
Total	\$ 50,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Parks 001-429	\$ 1,000	2%
Storm 028-430	\$ 1,500	3%
Water 029-430	\$ 21,000	42%
Sanitation 034-430	\$ 6,500	13%
Sewer 038-430	\$ 15,500	31%
Streets 040-431	\$ 4,500	9%
Total	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 50,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Forklift for Water Treatment Plant**

Project Number:

Project Cost: \$ 18,000

Description: Plant is getting older and our work load (lifting pumps, etc.) and needed equipment (truck deliveries) has increased greatly.

Benefits: Renting a fork lift is hit and miss at times, especially when a truck shows up early.

Cost Calculation: Estimate

O & M Impact: Funded from Water Capital Reserve

BUDGET		
	Estimate	% of Total
	\$ 18,000	100%
Total	\$ 18,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Water 029-430	\$ 18,000	100%
Total	\$ 18,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 18,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 18,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Additional Fuel Storage Tank at Water Treatment Plant**

Project Number:

Project Cost: \$ 25,000

Description: **Install a 500 gallon diesel fuel tank and transfer pump at the Water Treatment Plant.**

Benefits: **Recommendation from Water Master Plan. Increase time the facility can run on emergency power. Provides for issues with getting fuel delivered to treatment plant in event of access complications during an emergency.**

Cost Calculation: **Water Master Plan**

O & M Impact: **Funded from water Capital Reserve**

BUDGET		
	Estimate	% of Total
	\$ 25,000	100%
Total	\$ 25,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Water 029-430	\$ 25,000	100%
Total	\$ 25,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22	\$ 25,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 25,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **1-Ton Service Truck Purchase**

Project Number: 610005

Project Cost: \$ 50,000

Description: Ongoing service truck replacement program to keep the Public Works service vehicle fleet in good shape. Trucks are replaced on an annual basis.

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

O & M Impact: By buying a new truck every year, the oldest service vehicle in the fleet is assured to be no more than six years old. This keeps maintenance costs at a minimum.

BUDGET		
	Estimate	% of Total
	\$ 50,000	100%
Total	\$ 50,000	100%

FUNDING SOURCES		
	Amount	% of Total
Parks 001-429	\$ 1,000	2%
Storm 028-430	\$ 1,500	3%
Water 029-430	\$ 21,000	42%
Sanitation 034-430	\$ 6,500	13%
Sewer 038-430	\$ 15,500	31%
Streets 040-431	\$ 4,500	9%
Total	\$ 50,000	100%



SCHEDULE		
	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 50,000	100%
2023-24		0%
2024-25		0%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Water Treatment Plant Air Compressor**

Project Number:

Project Cost: \$ 35,000

Description: The WTP has three air compressors that operate various equipment in the facility.

Benefits: Assure that equipment is replaced before failures.

Cost Calculation: Estimate

O & M Impact: Replace one compressor per year. This will be good insurance or a proactive approach in maintaining the air supply in the operations of the water facility.

BUDGET		
	Estimate	% of Total
	\$ 35,000	100%
Total	\$ 35,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Water 029-430	\$ 35,000	100%
Total	\$ 35,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 35,000	100%
2023-24		0%
2024-25		0%
Total	\$ 35,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **John Deere Tractor for Boom Mower**

Project Number:

Project Cost: \$ 150,000


Description: Replace 2006 John Deere 115 horsepower Tractor with new model for dike maintenance, streets, etc. We will move the side arm brush mower from the old machine to this one.

Benefits: Reduce repair and maintenance costs.

Cost Calculation: Estimate

O & M Impact: Lower ongoing maintenance costs. Potential trade-in of old machine or get box grader to maintain rock levees.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 150,000	100%	Storm 028-430	\$ 67,500	45%
			Sewer 038-430	\$ 15,000	10%
			Streets 040-431	\$ 67,500	45%
Total	\$ 150,000	100%	Total	\$ 150,000	100%

	SCHEDULE	
	Amount	% of Total
		0%
		0%
		0%
		100%
		0%
		0%
	Total	\$ 150,000

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Public Works Backhoe**

Project Number:

Project Cost: \$ 170,000

Description: Purchase new backhoe.

Benefits: Replace aging equipment.

Cost Calculation: New

O & M Impact: Lower ongoing maintenance costs and provide more reliable backhoe.

BUDGET		
	Estimate	% of Total
	\$ 170,000	100%
Total	\$ 170,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Parks 001-429	\$ 3,400	2%
Storm 028-430	\$ 5,100	3%
Water 029-430	\$ 71,400	42%
Sewer 038-430	\$ 52,700	31%
Streets 040-431	\$ 37,400	22%
Total	\$ 170,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 170,000	100%
2023-24		0%
2024-25		0%
Total	\$ 170,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **1-Ton Service Truck Purchase**

Project Number: 610005

Project Cost: \$ 50,000

Description: Ongoing service truck replacement program to keep the Public Works service vehicle fleet in good shape. Trucks are replaced on an annual basis.

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

O & M Impact: By buying a new truck every year, the oldest service vehicle in the fleet is assured to be no more than six years old. This keeps maintenance costs at a minimum.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 50,000	100%	Parks 001-429	\$ 1,000	2%
			Storm 028-430	\$ 1,500	3%
			Water 029-430	\$ 21,000	42%
			Sanitation 034-430	\$ 6,500	13%
			Sewer 038-430	\$ 15,500	31%
			Streets 040-431	\$ 4,500	9%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

	Amount	% of Total
SCHEDULE		
Fiscal Year		
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 50,000	100%
2024-25		0%
Total	\$ 50,000	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Water Treatment Plant Air Compressor**

Project Number:

Project Cost: \$ 35,000

Description: The WTP has three air compressors that operate various equipment in the facility.

Benefits: Assure that equipment is replaced before failures.

Cost Calculation: Estimate

O & M Impact: Replace one compressor per year. This will be good insurance or a proactive approach in maintaining the air supply in the operations of the water facility.

BUDGET		
	Estimate	% of Total
	\$ 35,000	100%
Total	\$ 35,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Water 029-430	\$ 35,000	100%
Total	\$ 35,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 35,000	100%
2024-25		0%
Total	\$ 35,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Water Treatment Plant Lawn Mower**

Project Number:

Project Cost: \$ 45,000

Description: Purchase new mower for water treatment plant

Benefits: Allow for better maintenance of property associated with the Water Treatment Plant and new reservoir site. This mower cuts on steep slopes around the WTP basins.

Cost Calculation: New

O & M Impact: Eliminate out-sourcing costs and provide for more frequent mowing of water treatment plant properties.

BUDGET		
	Estimate	% of total
	\$ 45,000	100
Total		

FUNDING SOURCES 2016		
Source	Amount	% of total
		0%
		0%
Water 029-430	\$ 45,000	100%
		0%
		0%
Total	\$ 45,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		100%
2023-24	\$ 45,000	0%
2024-25		0%
Total	\$ 45,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Purchase Garbage Truck**

Project Number: 610008

Project Cost: \$ 430,000

Description: Purchase garbage truck. This is proposed as an ongoing nine-year replacement schedule.

Benefits: Replace 14-year old front loading truck.

Cost Calculation: New

O & M Impact: Allow less down time for equipment maintenance for critical customer service scheduling.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 430,000	100%	034-430-610008	\$ 430,000	100%
Total	\$ 430,000	100%	Total	\$ 430,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 430,000	100%
2024-25		0%
Total	\$ 430,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **1-Ton Service Truck Purchase**

Project Number: 610005

Project Cost: \$ 50,000

Description: Ongoing service truck replacement program to keep the Public Works service vehicle fleet in good shape. Trucks are replaced on an annual basis.

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

O & M Impact: By buying a new truck every year, the oldest service vehicle in the fleet is assured to be no more than six years old. This keeps maintenance costs at a minimum.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 50,000	100%	Parks 001-429	\$ 1,000	2%
			Storm 028-430	\$ 1,500	3%
			Water 029-430	\$ 21,000	42%
			Sanitation 034-430	\$ 6,500	13%
			Sewer 038-430	\$ 15,500	31%
			Streets 040-431	\$ 4,500	9%
Total	\$ 50,000	100%	Total	\$ 50,000	100%

	Amount	% of Total
SCHEDULE		
Fiscal Year		
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 50,000	100%
Total	\$ 50,000	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Water Treatment Plant Air Compressor**

Project Number:

Project Cost: \$ 35,000

Description: The WTP has three air compressors that operate various equipment in the facility.

Benefits: Assure that equipment is replaced before failures.

Cost Calculation: Estimate

O & M Impact: Replace one compressor per year, starting with the first one in 2022/2023. This will be good insurance or a proactive approach in maintaining the air supply in the operations of the water facility.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 35,000	100%	Water 029-430	\$ 35,000	100%
Total	\$ 35,000	100%	Total	\$ 35,000	100%

SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 35,000	100%
Total	\$ 35,000	100%





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Warrenton Marina

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Commercial Work Pier Improvements
Project Number:	620002
Project Cost:	\$ 382,175
Description:	Phase 1 of pier improvements to the west side of the commercial work pier.
Benefits:	Improvements as deemed necessary for load limit requirements.
Cost Calculation:	Engineer Estimate
O & M Impact:	

BUDGET	Estimate	% of Total
	\$ 382,175	100%
Total	\$ 382,175	100%

FUNDING SOURCES	Amount	% of Total
Source		
012-461-620002	\$ 382,175	100%
Total	\$ 382,175	100%



SCHEDULE	Amount	% of Total
Fiscal Year		
2019-2020	\$ 382,175	100%
2020-2021		
2021-2022		
2022-2023		
2023-2024		
2024-2025		
Total	\$ 382,175	100%



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Hammond Marina

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Hammond Marina Dredging**
 Project Number: 620007
 Project Cost: \$ 840,000

Description: Dredge the Hammond Marina

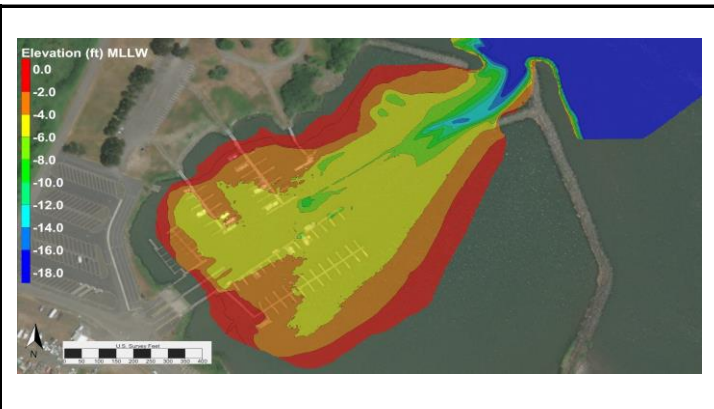
Benefits:

Cost Calculation: Estimated

O & M Impact:

BUDGET		
	Estimate	% of Total
	\$ 840,000	100%
Total	\$ 840,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
013-461-620007	\$ 840,000	100%
Total	\$ 840,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2019-2020	\$ 840,000	100%
2020-2021		0%
2021-2022		0%
2022-2023		0%
2023-2024		0%
2024-2025		0%
Total	\$ 840,000	100%



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Tansy Point Dock

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Tansy Point Dock Anodes**

Project Number: 620000

Project Cost: \$ 168,478

Description: Corrosion control of Tansy Point Dock. Amount currently budgeted is set aside for this purpose.

Benefits: Maintain life of dock.

Cost Calculation: 10% of lease revenue from Warrenton Fiber is set aside to purchase anodes. This amount is what has been saved so far.

O & M Impact: Provides protection and mitigates major repairs due to corrosion.

BUDGET		
	Estimate	% of Total
Anodes	\$ 168,478	100%
Total	\$ 168,478	100%

FUNDING SOURCES		
	Amount	% of Total
072-410-620000	\$ 168,478	100%
Total	\$ 168,478	100%

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SCHEDULE		
Fiscal Year	Amount	% of Total
2019-20	\$ 168,478	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
Total	\$ 168,478	100%