



Capital Improvement Program 2022-2027



April 13, 2022 Budget Work Session



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2022-27 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.

2022-27 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.

2022 - 2027 Capital Improvement Program

Pg. #	TITLE	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	Secure Funding
GENERAL FUND DEPARTMENTS								
10, 21, 25, 26, 27, 28	Police Vehicle Replacement	118,000	122,000	124,000	126,000	128,000	130,000	Y/N
11	Fire Department Self Contained Breathing Apparatus (SCBA)	191,000						Y
12	Fire Department Type 3 Fire Engine	460,000						Y
13	Fire Department Utility/Staff Vehicle	62,000						Y
14	Fire Department Lucas CPR Device	11,500						Y
15	Carruthers Viewing Dock	40,000						Y
16	Forest Rim Parklet	46,000						Y
17	Horse Shoe Pit/Cornhole Area	5,000						Y
18	Sand Volleyball Court	5,000						Y
19	Quincy Robinson Security Lighting	60,000						Y
20	Triangle Park Sign	7,000						Y
22	Fire Department Command/Staff Vehicle		55,000					
23	Fire Department Lifepak 15 Monitor/AED x2		49,075					
24	Waterfront Trail to Enterprise		380,000					
	TOTAL GENERAL FUND	\$ 1,005,500	\$ 606,075	\$ 124,000	\$ 126,000	\$ 128,000	\$ 130,000	
BUILDING DEPARTMENT								
31, 32	Building Inspector Vehicle Replacement	35,000				35,000		Y
	TOTAL WATER FUND	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -	
WATER UTILITY								
35	Hammond Water Line NW Warrenton Dr. 18-inch Waterline	2,500,000						Y
36	SW 4th Street (S Main Ave - SW Alder Ct)	58,000						Y
37	SE Marlin Ave. 18" Waterline (SE 7th - E Harbor)	564,300						Y
38	Replace Raw Water Pipe Downstream from Raw Water Reservoir	900,000						Y
39	Replace Raw Water Pipe Upstream from Raw Water Reservoir		1,694,000					N
40	Delaura Beach 18" Waterline (S Main - Ridge Rd)		485,000					N
41	Ridge Road 18-inch Water Main (Pacific - KOA Campground)				1,677,000			N
42	Recoat Epoxy Lining Inside Clearwell				1,175,000			N
43	Water Treatment Plant Filter Replacement Construction						1,540,000	N
	TOTAL WATER FUND	\$ 4,022,300	\$ 2,179,000	\$ -	\$ 2,852,000	\$ -	\$ 1,540,000	
SEWER UTILITY								
46	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	125,000						Y
47	WWTP North Lagoon Dewatering Pump and Filter	160,000						Y
48, 56, 58, 60, 62, 64	Pump Station Generator Undetermined Location	50,000	50,000	50,000	50,000	50,000	50,000	Y/N
49, 57, 59, 61, 63, 65	Pump Station Bypass Program	60,000	60,000	60,000	60,000	60,000	60,000	Y/N
50	4th UV Disinfection Module	50,000						Y
51	Ultraviolet (UV) PLC Upgrade	60,000						Y
52	Fourth (4th) SBR Basin Construction Project			4,100,000				N
53	WWTP Headworks Parallel Fine Screen Project			40,000				N
54	Biosolids Removal Project			500,000				N
55	Septage Station Equalization				100,000			N
	TOTAL SEWER FUND	\$ 505,000	\$ 110,000	\$ 4,750,000	\$ 210,000	\$ 110,000	\$ 110,000	
SANITATION								
68	Sanitation Services Storage Facility	20,000		200,000				Y/N
69	Truck Washout Facility			250,000				N
	TOTAL SANITATION	\$ 20,000	\$ -	\$ 450,000	\$ -	\$ -	\$ -	
	TOTAL ALL FUNDS THIS PAGE	\$ 5,587,800	\$ 2,895,075	\$ 5,324,000	\$ 3,188,000	\$ 273,000	\$ 1,780,000	

2022 - 2027 Capital Improvement Program

Pg. #

TITLE

FISCAL YEAR 2021-2022 FUNDING SOURCE SUMMARY

GENERAL FUND DEPARTMENTS		<i>Capital Reserves</i>	<i>SDC</i>	<i>Debt GO Bond</i>	<i>Grants</i>	<i>Quincy Robinson</i>	<i>General Fund</i>	<i>Total</i>
10, 21, 25, 26, 27, 28	Police Vehicle Replacement	118,000						\$ 118,000
11	Fire Department Self Contained Breathing Apparatus (SCBA)	9,550			181,450			\$ 191,000
12	Fire Department Type 3 Fire Engine	23,000			437,000			\$ 460,000
13	Fire Department Utility/Staff Vehicle	62,000						\$ 62,000
14	Fire Department Lucas CPR Device						11,500	\$ 11,500
15	Carruthers Viewing Dock					40,000		\$ 40,000
16	Forest Rim Parklet		40,000			6,000		\$ 46,000
17	Horse Shoe Pit/Cornhole Area					5,000		\$ 5,000
18	Sand Volleyball Court					5,000		\$ 5,000
19	Quincy Robinson Security Lighting					60,000		\$ 60,000
20	Triangle Park Sign					7,000		\$ 7,000
<i>Funding Source Totals</i>		\$ 212,550	\$ 40,000	\$ -	\$ 618,450	\$ 123,000	\$ 11,500	\$ 1,005,500

BUILDING DEPARTMENT		<i>Building Fund</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
31, 32	Building Inspector Vehicle Replacement	35,000					\$ 35,000
<i>Funding Source Totals</i>		\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000

WATER UTILITY		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
35	Hammond Water Line NW Warrenton Dr. 18-inch Waterline			2,500,000			\$ 2,500,000
36	SW 4th Street (S Main Ave - SW Alder Ct)	58,000					\$ 58,000
37	SE Marlin Ave. 18" Waterline (SE 7th - E Harbor)	564,300					\$ 564,300
38	Replace Raw Water Pipe Downstream from Raw Water Reservoir	900,000					\$ 900,000
<i>Funding Source Totals</i>		\$ 1,522,300	\$ -	\$ 2,500,000	\$ -	\$ -	\$ 4,022,300

SEWER UTILITY		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
46	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	125,000					\$ 125,000
47	WWTP North Lagoon Dewatering Pump and Filter	160,000					\$ 160,000
48, 56, 58, 60, 62, 64	Pump Station Generator Undetermined Location	50,000					\$ 50,000
49, 57, 59, 61, 63, 65	Pump Station Bypass Program	60,000					\$ 60,000
50	4th UV Disinfection Module	50,000					\$ 50,000
51	Ultraviolet (UV) PLC Upgrade	60,000					\$ 60,000
<i>Funding Source Totals</i>		\$ 505,000	\$ -	\$ -	\$ -	\$ -	\$ 505,000

SANITATION		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
68	Sanitation Services Storage Facility	20,000					\$ 20,000
<i>Funding Source Totals</i>		\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

COLUMN TOTALS THIS PAGE

\$ 2,294,850 \$ 40,000 \$ 2,500,000 \$ 618,450 \$ 123,000 \$ 11,500 \$ 5,587,800

2022 - 2027 Capital Improvement Program

Pg. #	TITLE	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	Secure Funding
STREETS								
72	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	567,000						Y
73	Intersection of SW 9th St and S Main Ave	220,000						Y
74	SW 4th Street (S Main Ave - SW Alder Ct)	320,000						Y
75	SRTS Grade School - Main Ave Safe Pedestrian Walkway	500,000						Y
76	SW 2nd Street (Elm - Gardenia)	250,000						Y
77	Tansy Point Connection	104,000						Y
78	SE 2nd Street (SE Marlin - Warrenton Commercial Center)	60,000	400,000					Y/N
79	Enhanced Bicycle and Pedestrian Connectivity Along SW 9th St		1,160,000					N
80	SE 2nd St Improvement Project (Main - Skipanon River Park)		423,000					N
81	Bike Lanes and Sidewalk on SE Neptune			1,400,000				N
82	S. Main Ave & SW 14th Pl (Orchard Subdivision) Sidewalks			24,000				N
TOTAL STREET FUND		\$ 2,021,000	\$ 1,983,000	\$ 1,424,000	\$ -	\$ -	\$ -	

STORM SEWER								
85	SE 2nd Culverts (King - Marlin)	40,000						Y
86	SW 4th Street (S Main Ave - SW Alder Ct)	148,000						Y
87	SW Pine Drv Street Repair/Drainage Improvement	25,000						Y
88	West Hammond Work	350,000						Y
89	Tide Gate Replacement Program	50,000	50,000	50,000	50,000	50,000	50,000	Y/N
90	SW Alder Ave. (3rd to 2nd)	125,000						Y
91	SW Alder Ave. (1st to W Harbor)		181,037					N
92	O&M and Alder Monitoring			160,000				N
93	Upsize Storm System in Hammond Marina				494,396			N
TOTAL STORM SEWER FUND		\$ 738,000	\$ 231,037	\$ 210,000	\$ 544,396	\$ 50,000	\$ 50,000	

PUBLIC WORKS EQUIPMENT								
96	Emergency Response Trailer	10,000						Y
97	Emergency Pipe Plug Balloons	50,000						Y
98	Forklift for Water Treatment Plant	18,000						Y
99	Spray Boom System	20,000						Y
100	Additional Fuel Storage Tank at Water Treatment Plant	25,000						Y
101	Hoist Truck	115,000						Y
102	Vacuum Excavator Trailer w/Valve Exerciser	50,000						Y
103, 111	Water Treatment Plant Air Compressor		35,000		35,000			N
104	John Deere Tractor for Boom Mower		150,000					N
105, 110, 112, 113	1-Ton Service Truck		50,000	50,000	50,000	50,000		N
106	Public Works Backhoe			170,000				N
107	Water Treatment Plant Lawn Mower			45,000				N
108	Purchase Garbage Truck			425,000				N
109	Vacuum Excavator and Jetter Combo Truck					500,000		N
TOTAL PUBLIC WORKS EQUIPMENT		\$ 288,000	\$ 235,000	\$ 690,000	\$ 85,000	\$ 550,000	\$ -	

WARRENTON & HAMMOND MARINAS								
116	Hammond Marina Improvements - Dredging	398,000						Y
117	Warrenton Marina Improvements - Pier Improvements	1,325,000						Y
118	Warrenton Marina Improvements - Inner Basin Lighting	20,000						Y
119	Warrenton Marina Improvements - E Dock	40,000						Y
TOTAL HAMMOND MARINA FUND		\$ 1,783,000	\$ -	\$ -	\$ -	\$ -	\$ -	

TANSY POINT DOCK								
122	Tansy Point Anodes	213,580						Y
TOTAL TANSY POINT DOCK		\$ 213,580	\$ -	\$ -	\$ -	\$ -	\$ -	

TOTAL ALL FUNDS THIS PAGE **\$ 5,043,580 \$ 2,449,037 \$ 2,324,000 \$ 629,396 \$ 600,000 \$ 50,000**

GRAND TOTAL ALL PAGES **\$ 10,631,380 \$ 5,344,112 \$ 7,648,000 \$ 3,817,396 \$ 873,000 \$ 1,830,000**



Agrees with 2021/2022 City of Warrenton Budget, Capital Outlay, Page 41

2020 - 2021 PROJECT STATUS

GENERAL FUND

Police Vehicle Replacement	This project will be carried forward to next fiscal year.
Fire Department Self Contained Breathing Apparatus (SCBA)	Grant application unsuccessful, will carry forward into next fiscal year
Fire Department Type 3 Fire Engine	Grant application unsuccessful, will carry forward into next fiscal year
Remodel of Public Works Offices - Parks	This project will be completed by June 30, 2021.
Carruthers Viewing Dock	This project will be carried forward to next fiscal year.
Carruthers Dog Park Drainage	This project will be completed by June 30, 2021.
Carruthers Dog Park Parking	This project will be completed by June 30, 2021.

WATER FUND

Remodel of Public Works Offices	This project will be completed by June 30, 2021.
SCADA Improvement at South Water Reservoir	Project completed, but it cost less than \$5,000 so did not capitalize
Hammond Water Line NW Warrenton Dr. 18-inch Waterline	Work has begun, but will not be completed by the end of fiscal year 2021. Remainder of the project will be carried forward into fiscal year 2022.
SW 4th Street (S Main Ave - SW Alder Ct)	This project will be carried forward to next fiscal year.
SE Anchor (Harbor - SE 3rd St) Waterline	This project will be completed by June 30, 2021.
Replace Raw Water Pipe Downstream from Raw Water Reservoir	This project will be carried forward to next fiscal year.

SEWER FUND

Remodel of Public Works Offices	This project will be completed by June 30, 2021.
Septage Screening	This project will be included in treatment plant expansion project.
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 2021. Remainder of the project will be carried forward into fiscal year 2022.
SE 2nd Street & Marlin Avenue Pump Station	This project will be completed by June 30, 2021.
SE Marlin & 101 (Putnam) Pump Station Upgrade	This project will be completed by June 30, 2021.
WWTP North Lagoon Dewatering Pump and Filter	Work has begun, but will not be completed by the end of fiscal year 2021. Remainder of the project will be carried forward into fiscal year 2022.
Netting Over SBR Basins	This project will be completed by June 30, 2021.
Pump Station Generator Undetermined Location	This project will be completed by June 30, 2021.
Pump Station Bypass Program	Project completed, but it cost less than \$5,000 so did not capitalize

SANITATION FUND

Remodel of Public Works Offices	This project will be completed by June 30, 2021.
SW 1st Street Recycling Center Upgrades	This project will be completed by June 30, 2021.

2020 - 2021 PROJECT STATUS

STREETS

Remodel of Public Works Offices	This project will be completed by June 30, 2021.
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 2021. Remainder of the project will be carried forward into fiscal year 2022.
Intersection of SW 9th St and S Main Ave	This project will be carried forward to next fiscal year.
SW 2nd Street (Elm - Gardenia)	Work has begun, but will not be completed by the end of fiscal year 2021. Remainder of the project will be carried forward into fiscal year 2022.
SW 4th Street (S Main Ave - SW Alder Ct)	This project will be carried forward to next fiscal year.
SW Alder Ave. (2nd to 1st)	This project will be completed by June 30, 2021.
Warrenton Trails Wayfinding Signs	This project will be reevaluated and may be budgeted for a future year.
Upgrade Curb and Sidewalk at Elementary School	This project will be completed by June 30, 2021.

STORM SEWER

Remodel of Public Works Offices	This project will be completed by June 30, 2021.
SW 4th Street (S Main Ave - SW Alder Ct)	This project will be carried forward to next fiscal year.
SW Alder Ave. (2nd to 1st)	This project will be completed by June 30, 2021.
West Hammond Work	Work has begun, but will not be completed by the end of fiscal year 2021. Remainder of the project will be carried forward into fiscal year 2022.
Tide Gate Replacement Program	This project will be completed by June 30, 2021.

PUBLIC WORKS EQUIPMENT

WWTP Side by Side Utility Vehicle	Project completed, but it cost less than \$5000 so did not capitalize
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WARRENTON MARINA

HAMMOND MARINA

Hammond Marina Dredging	Work has begun, but will not be completed by the end of fiscal year 2021. Remainder of the project will be carried forward into fiscal year 2022.
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TANSY POINT DOCK

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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 118,000
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	\$ 59,000	50%
2022 Patrol Vehicle	\$ 59,000	50%
Total	\$ 118,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 118,000	100%
Total	\$ 118,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022	\$ 118,000	100%
2022-2023		0%
2023-2024		0%
2024-2025		0%
2025-2026		0%
2026-2027		0%
Total	\$ 118,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project: **Fire Department Self Contained Breathing Apparatus (SCBA)**
 Project Number: 610009
 Project Cost: \$ 191,000

Description: The Fire Department maintains and uses SCBA's for the purpose of search, rescue and fire suppression. The SCBA's give the ability to breath in a toxic/smokey environment. This expenditure is to replace our existing SCBA's that no longer meet todays National Fire Protection Agency (NFPA) standards. **Warrenton Fire Department is seeking grant funds from FEMA AFG. This will require the fire department to contribute a 5 % match. Federal Funds \$181,450 match WFD \$9,550**

Benefits: Upgrade to new NFPA standard to become compliant with OSHA,NFPA

Cost Calculation: Estimate from MSA vendor

O & M Impact: Annual testing and maintenance of the SCBAs are estimated at \$1,700.00

BUDGET		
	Estimate	% of Total
MSA SCBA INCLUDES MASK,PACK,BOTTLE	\$ 191,000	100%
TOTAL	\$ 191,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
071-495-610009	\$ 191,000	100%
TOTAL	\$ 191,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022	\$ 191,000	100%
2022-2023		0%
2023-2024		0%
2024-2025		0%
2025-2026		0%
2026-2027		0%
TOTAL	\$ 191,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project:	Fire Department Type 3 Fire Engine	
Project Number:	610010	
Project Cost:	\$ 460,000	

Description: The Fire Department maintains and uses fire engines for the purpose of fire suppression and transportation of equipment to and from emergency scenes. This engine will be replacing a 32 year old engine at our S27A. It will be 4 wheel drive and give us the ability to fight wildfires/urban interface fires within the city and the rural areas of Warrenton. **Warrenton Fire Department is seeking grant funds from FEMA AFG. This will require the fire department to contribute a 5% match. Federal Funds \$437,000 match WFD \$23,000.**

Benefits: This Engine will replace an 32 year old type 3 engine and will provide better community protection from wildfire-urban interface.

Cost Calculation: Estimate from vendor

O & M Impact: Annual testing and maintenance estimated at \$500.00

BUDGET		
	Estimate	% of Total
Type-3 engine	\$ 460,000	100%
TOTAL	\$ 460,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
071-495-610010	\$ 460,000	100%
TOTAL	\$ 460,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022	\$460,000.00	100%
2022-2023		0%
2023-2024		0%
2024-2025		0%
2025-2026		0%
2026-2027		0%
TOTAL	\$ 460,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Fire Department Command/Staff Vehicle
Project Number:	610000
Project Cost:	Estimated \$55,000
Description:	2021 Chevy Tahoe with LED emergency lighting, siren, console, and pull out command station.
Benefits:	Current command vehicle is 11 years old and we need another vehicle to use as a secondary unit for staff transportation.
Cost Calculation:	Estimate from vendor
O & M Impact:	Maintenance estimated at \$100-\$200 per year

BUDGET			
	Estimate	%	of Total
SUV Command	\$ 55,000	100%	
TOTAL	\$ 55,000	100%	

FUNDING SOURCES			
	Amount	%	of Total
Source			
071-495-	\$ 55,000	100%	
TOTAL	\$ 55,000	100%	



SCHEDULE			
Fiscal Year	Amount	%	of Total
2021-2022		0%	
2022-2023	\$ 55,000	100%	
2023-2024		0%	
2024-2025		0%	
2025-2026		0%	
2026-2027		0%	
TOTAL	\$ 55,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Fire Department Lucas CPR Device**
 Project Number: 610011
 Project Cost: \$ 11,500

Description: Lucas 3 CPR Device-Automatic compressions-shock-uninterrupted.

Benefits: Lucas CPR device will give uninterrupted CPR and Auto Shock while firefighter/EMS providers focus on patient care. CPR is labor intensive and exhausting which can lead to poor CPR. Lucas device will give/help with a better patient outcome. It also gives firefighters the ability to give "socially distanced CPR"

Cost Calculation: Estimate from vendor

O & M Impact: Maintenance estimated at \$100-\$150 per year

BUDGET		
	Estimate	% of Total
Lucas CPR Device	\$ 11,500	100%
TOTAL	\$ 11,500	100%

FUNDING SOURCES		
Source	Amount	% of Total
001-422-610011	\$ 11,500	100%
TOTAL	\$ 11,500	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022	\$ 11,500	100%
2022-2023		0%
2023-2024		0%
2024-2025		0%
2025-2026		0%
2026-2027		0%
TOTAL	\$ 11,500	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project: **Carruthers Viewing Dock**

Project Number: 620074

Project Cost: \$ 40,000

Description: Existing viewing dock is at end of life. We will remove and replace the structure.

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

Cost Calculation: Estimate

O & M Impact: Funding from Quincy Robinson fund

BUDGET		
	Estimate	% of Total
Construction	\$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
2021-22	\$ 40,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 40,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Forest Rim Parklet**

Project Number: _____

Project Cost: \$ **46,000**

Description: **Develop land and create a parklet in the Forest Rim neighborhood**

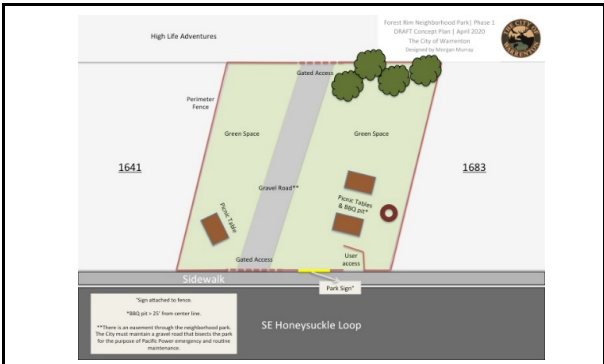
Benefits: **Increase Park accessibility to the public**

Cost Calculation: **Estimate**

O & M Impact: **Funding from Quincy Robinson and System Development Charge funds.**

BUDGET		
	Estimate	% of Total
Picnic Tables etc.	\$ 6,000	13%
Land Development	\$ 40,000	87%
TOTAL	\$ 46,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 6,000	13%
SDC Fund 003-410-620000	\$ 40,000	87%
TOTAL	\$ 46,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 46,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 46,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Horse Shoe Pit/ Cornhole play area**

Project Number:

Project Cost:

Description:

Benefits:

Cost Calculation:

O & M Impact:

BUDGET		
	Estimate	% of Total
Construction	\$5,000	100%
TOTAL	\$ 5,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 5,000	100%
TOTAL	\$ 5,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 5,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 5,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Sand volleyball court**

Project Number:

Project Cost: \$ 5,000

Description: Add sand volleyball court area to Ft. Stevens Parade Grounds

Benefits: Increase park amenities for the public

Cost Calculation: Estimate

O & M Impact: Funding from Quincy Robinson fund

BUDGET		
	Estimate	% of Total
Construction	\$5,000	100%
TOTAL	\$ 5,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 5,000	100%
TOTAL	\$ 5,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 5,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 5,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Security Lighting**

Project Number:

Project Cost: \$ 60,000

Description: Add additional security lighting to the QBR Park.

Benefits: Increase park security and safety

Cost Calculation: Estimate

O & M Impact: Funding from Quincy Robinson fund

BUDGET		
	Estimate	% of Total
Design & Plan		0%
Construction	\$60,000	100%
TOTAL	\$ 60,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 60,000	100%
TOTAL	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 60,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 60,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Triangle Park Sign**

Project Number: 620000

Project Cost: \$ 7,000

Description: "Welcome to Historic Hammond" sign

Benefits: Beautification and restoration of landscape.

Cost Calculation: Parks MP

O & M Impact: Funding from Quincy Robinson Fund.

BUDGET		
	Estimate	% of Total
	\$ 7,000	100%
TOTAL	\$ 7,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
QR Fund 065-429	\$ 7,000	100%
TOTAL	\$ 7,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 7,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 7,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 122,000
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	\$ 61,000	50%
2023 Patrol Vehicle	\$ 61,000	50%
Total	\$ 122,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 122,000	100%
Total	\$ 122,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022		0%
2022-2023	\$ 122,000	100%
2023-2024		0%
2024-2025		0%
2025-2026		0%
2026-2027		0%
Total	\$ 122,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project: **Fire Department Utility/Staff Vehicle**

Project Number: 610012

Project Cost: \$ 62,000

Description: 2021 Ford F350 XL 4 door, gas, long box truck with lighting package and LED/siren

Benefits: Current utility truck is 24 years old and is showing its age. Over \$2,500 in repairs have been preformed on current utility truck from the 2020/2021 FYI Budget. A utility truck is vital to operations of fire ground transportation of staff, tools, hose, etc..

Cost Calculation: Estimate from vendor

O & M Impact: Maintenance estimated at \$100-\$200 yearly

BUDGET		
	Estimate	% of Total
2021 Truck	\$ 62,000	100%
TOTAL	\$ 62,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
071-495-610012	\$ 62,000	100%
TOTAL	\$ 62,000	100%



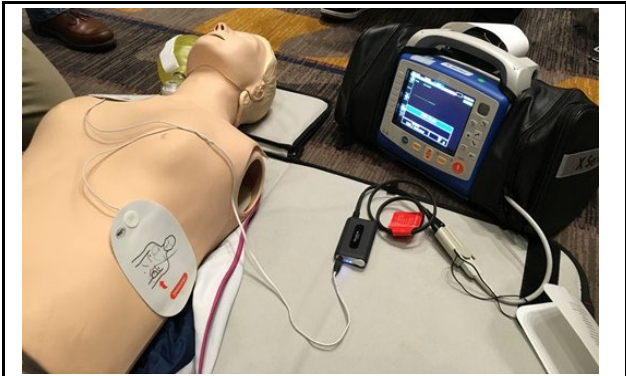
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022	\$62,000.00	100%
2022-2023		0%
2023-2024		0%
2024-2025		0%
2025-2026		0%
2026-2027		0%
TOTAL	\$ 62,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Fire Department LIFEPAK 15 Monitor/AED x 2
Project Number:	610000
Project Cost:	\$ 49,075
Description:	LIFEPAK 15 AED/Monitor with Blood pressure cuff, SaO2 and 4 lead AND 12 monitoring.
Benefits:	Fire Departments Current Zoll M Series AED/Monitors will no longer be supported by Zoll via an FDA Final Order 2021. This will be problematic when the current Zoll M Series requires its annual maintenance and/or future repairs.
Cost Calculation:	Estimate from vendor
O & M Impact:	Maintenance estimated at \$100-\$150 per year

BUDGET		
	Estimate	% of Total
Lifepak 15	\$24,538	100%
Lifepak 15	\$24,538	100%
TOTAL	\$ 49,075	100%

FUNDING SOURCES		
Source	Amount	% of Total
071-495-	\$ 49,075	100%
TOTAL	\$ 49,075	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022		0%
2022-2023	\$ 49,075	100%
2023-2024		0%
2024-2025		0%
2025-2026		0%
2026-2027		0%
TOTAL	\$ 49,075	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Waterfront Trail to Enterprise**

Project Number: 620000

Project Cost: \$ 380,000

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

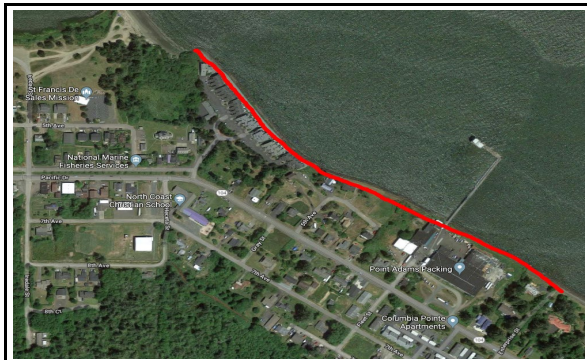
Benefits: Improve safety & usage of the city's trail system.

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23	\$ 380,000	100%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 380,000	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
2024 Patrol Vehicle	\$ 62,000	50%
2024 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
2021-2022		0%
2022-2023		0%
2023-2024	\$ 124,000	100%
2024-2025		0%
2025-2026		0%
2026-2027		0%
Total	\$ 124,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 126,000
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	\$ 63,000	50%
2025 Patrol Vehicle	\$ 63,000	50%
Total	\$ 126,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 126,000	100%
Total	\$ 126,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022		0%
2022-2023		0%
2023-2024		0%
2024-2025	\$ 126,000	100%
2025-2026		0%
2026-2027		0%
Total	\$ 126,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 128,000
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
2026 Patrol Vehicle	\$ 64,000	50%
2026 Patrol Vehicle	\$ 64,000	50%
Total	\$ 128,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 128,000	100%
Total	\$ 128,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022		0%
2022-2023		0%
2023-2024		0%
2024-2025		0%
2025-2026	\$ 128,000	100%
2026-2027		0%
Total	\$ 128,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 130,000
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
2027 Patrol Vehicle	\$ 65,000	50%
2027 Patrol Vehicle	\$ 65,000	50%
Total	\$ 130,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 130,000	100%
Total	\$ 130,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022		0%
2022-2023		0%
2023-2024		0%
2024-2025		0%
2025-2026		0%
2026-2027	\$ 130,000	100%
Total	\$ 130,000	100%



Building



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CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project:	Building Inspector Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 35,000
Description:	Additional vehicle for inspection staff
Benefits:	Positive presence, consistent appearance, staff safety
Cost Calculation:	Based on research for similar vehicle to match existing.
O & M Impact:	Newer vehicles typically have better MPG and are less costly to maintain

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

FUNDING SOURCES		
Source	Amount	% of Total
021-423-610001	\$ 35,000	100%
TOTAL	\$ 35,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022	\$ 35,000	100%
2022-2023		0%
2023-2024		0%
2024-2025		0%
2025-2026		0%
2026-2027		0%
TOTAL	\$ 35,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project:	Building Inspector Vehicle Replacement	
Project Number:	610001	
Project Cost:	\$ 35,000	
Description:	Additional vehicle for inspection staff	
Benefits:	Positive presence, consistent appearance, staff safety	
Cost Calculation:	Based on research for similar vehicle to match existing.	
O & M Impact:	Newer vehicles typically have better MPG and are less costly to maintain	

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

FUNDING SOURCES		
Source	Amount	% of Total
021-423-610001	\$ 35,000	100%
TOTAL	\$ 35,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-2022		100%
2022-2023		0%
2023-2024		0%
2024-2025		0%
2025-2026	\$ 35,000	100%
2026-2027		0%
TOTAL	\$ 35,000	200%



Water



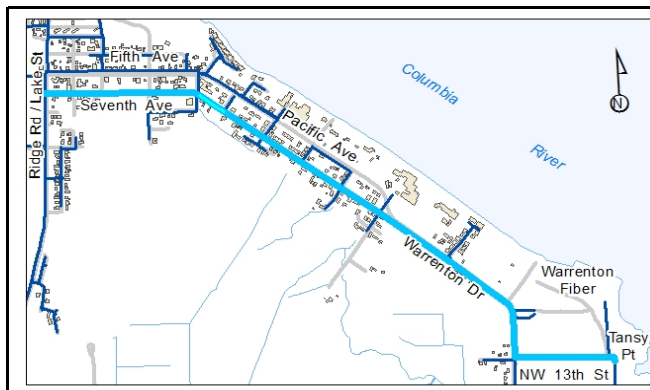
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**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Hammond Water Line NW Warrenton Dr 18-inch Waterline (NW 13th - Lake/Ridge)
Project Number:	620075
Project Cost:	\$ 2,500,000
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:	Engineer Estimate
O & M Impact:	The City is applying for financing through various state funding sources. Any matching funds required from Warrenton could be at least partially funded with System Development Charges.

BUDGET		
	Estimate	% of Total
Engineering	\$ 244,500	10%
Construction	\$ 2,255,500	90%
TOTAL	\$ 2,500,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
029-430-620075	\$ 2,500,000	100%
TOTAL	\$ 2,500,000	100%

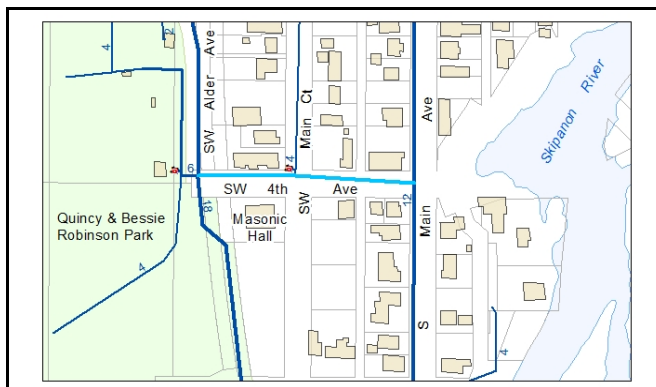


SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 2,500,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 2,500,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	SW 4th Street (S Main Ave - SW Alder Ct)
Project Number:	620084
Project Cost:	\$ 938,000
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:	Engineer Estimate
O & M Impact:	Funded from State Tax Street Fund, Water Fund Capital Reserve, and Urban Renewal.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 938,000	100%	Streets 040-431	\$ 320,000	34.1%
			Urban 200-800	\$ 412,000	43.9%
			Water 029-430	\$ 58,000	6.2%
			Storm 028-430	\$ 148,000	15.8%
TOTAL	\$ 938,000	100%	TOTAL	\$ 938,000	100%

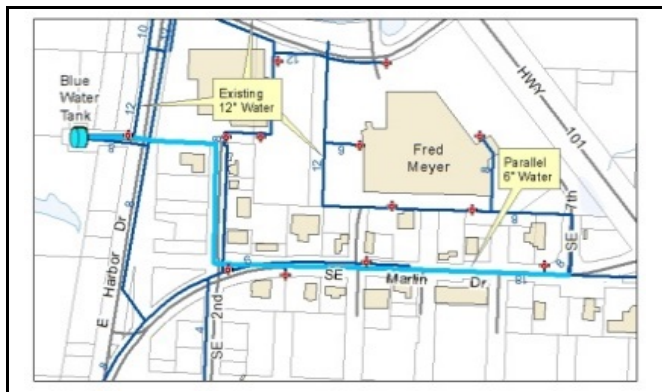


SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 938,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 938,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	SE Marlin Ave 18" Waterline (SE 7th - E Harbor)
Project Number:	
Project Cost:	\$ 564,300
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:	\$ 564,300.00
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	\$ 85,000	15%	029-430	\$ 564,300	100%
Construction	\$ 384,300	68%			
Contingency	\$ 95,000	17%			
TOTAL	\$ 564,300	100%	TOTAL	\$ 564,300	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 564,300	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 564,300	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Replace Raw water pipe downstream for raw water reservoir**

Project Number:

Total Project Cost: \$ 900,000

Description: Replace 2500' of 24" raw water pipe downstream from the raw water reservoir. RP-1 from the Water Master Plan and Raw Water Evaluation.

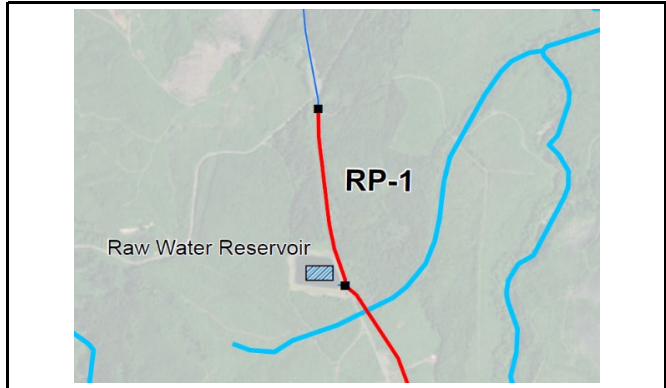
Benefits: Existing 24" fiberglass raw water pipe has long outlived its normal life.

Cost Calculation: Water Master Plan

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

BUDGET		
	Estimate	% of Total
	\$ 900,000	100%
TOTAL	\$ 900,000	100%

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 900,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 900,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Replace Raw water pipe upstream for 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

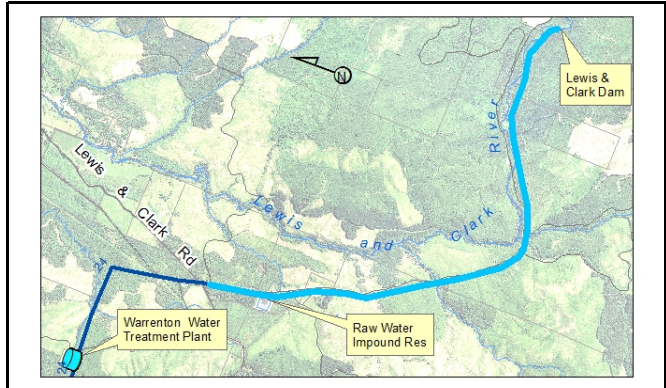
Benefits: Existing 24" fiberglass raw water pipe has long outlived its normal life.

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%

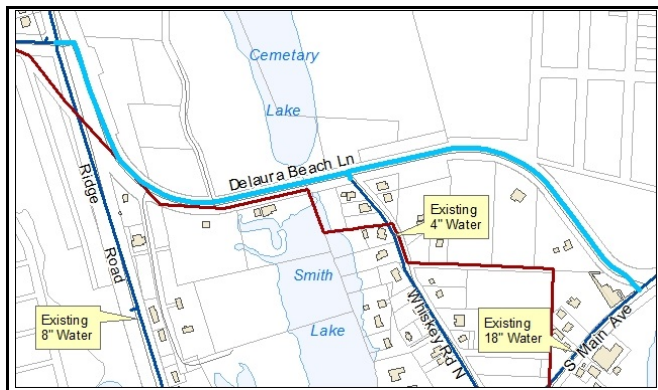


SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23	\$ 1,694,000	100%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 1,694,000	100%

**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:	Engineer 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	\$ 70,000	15%	029-430	\$ 458,000	100%
Construction	\$ 388,000	85%			
TOTAL	\$ 458,000	100%	TOTAL	\$ 458,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23	\$ 485,000	106%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 485,000	0%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Ridge Road 18-inch Water Main (Pacific - KOA Campground)
Project Number:	
Project Cost:	\$ 1,677,000
Description:	WMP - Upsize 8" 5650 LF to 18-inch transmission main on Ridge Rd from Pacific to KOA at NW 11th. 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:	Engineer 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	\$ 125,000	7%
Construction	\$ 1,552,000	93%
TOTAL	\$ 1,677,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
029-430	\$ 1,677,000	100%
TOTAL	\$ 250,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 1,677,000	100%
2025-26		0%
2026-27		0%
TOTAL	\$ 1,677,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Recoat Epoxy Lining Inside Clearwell**

Project Number:

Project Cost: \$ 1,175,000

Description: Last tank inspection in 2018 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. Outside was recoated 3 years ago.

Benefits: Extend life of reservoir.

Cost Calculation: Water Master Plan

O & M Impact: Funding will come from water Capital Reserve Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 1,175,000	100%
TOTAL	\$ 1,175,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
029-430-880001	\$ 1,175,000	100%
TOTAL	\$ 1,175,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 1,175,000	100%
2025-26		0%
2026-27		0%
TOTAL	\$ 1,175,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 1,540,000

Description: WTP filter replacement is required every 7 years with dollars placed into the filter replacement reserve account annually between replacement cycle.

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
Filter Replacement	\$ 1,540,000	100%	029-430-880001	\$ 1,540,000	100%
TOTAL	\$ 1,540,000	100%	TOTAL	\$ 1,540,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2021-22		0%
	2022-23		0%
	2023-24		0%
	2023-24		0%
	2025-26		0%
	2026-27	\$ 1,540,000	100%
TOTAL	\$ 1,540,000	0%	



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Sewer

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project: **N Main Ave and NW 7th Plc (NW Warrenton Drv 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. This project was originally funded 2015-2016.

Benefits: This project will allow the removal of the residential connections to the force main and offering connections to existing septic users.

Cost Calculation: PW DIR

O & M Impact: Removes the step systems from the force main and allows the current septic users to connect to the sewer.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 692,000	100%	040-431-620078	\$ 567,000	82%
			038-430-620078	\$ 125,000	18%
TOTAL	\$ 692,000	100%	TOTAL	\$ 692,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2021-22	\$ 692,000	100%
	2022-23		0%
	2023-24		0%
	2024-25		0%
	2025-26		0%
	2026-27		0%
TOTAL	\$ 692,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **WWTP North Lagoon dewatering pump and filter**

Project Number:

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
2021-22	\$ 160,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 160,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number:

Project Cost: \$ 50,000

Description:

Benefits:

Cost Calculation:

O & M Impact:

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

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



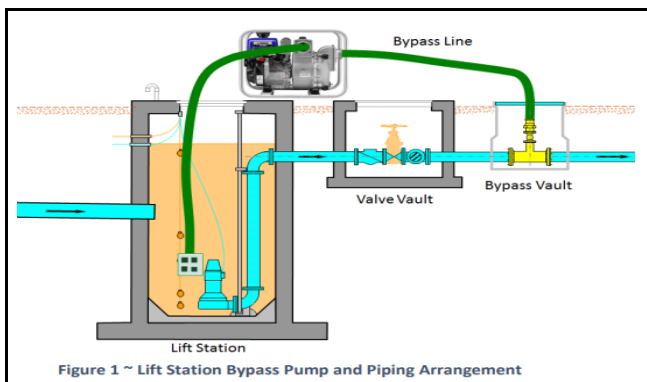
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 50,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Pump Station Bypass Program
Project Number:	620000
Project Cost:	\$ 60,000
Description:	Install vaults, valves, and piping to connect a bypass pump 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
038-430-620046	\$ 60,000	100%
TOTAL	\$ 60,000	100%



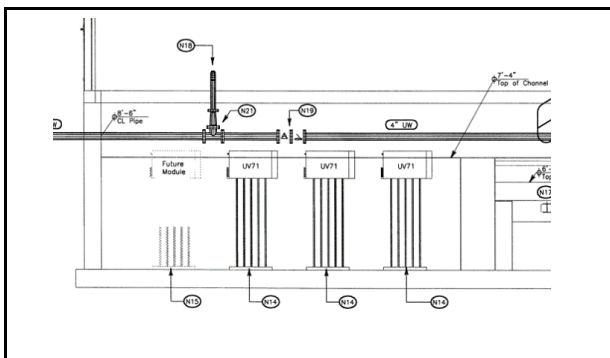
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 60,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project:	4th Ultraviolet (UV) Disinfection Module
Project Number:	
Project Cost:	\$ 50,000
Description:	Effluent channel and UV system was designed for addition of a 4th UV module when flow increases 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
	\$ 50,000	100%
TOTAL	\$ 50,000	100%

FUNDING SOURCES	Amount	% of Total
Source		
038-435	\$ 50,000	100%
TOTAL	\$ 50,000	100%



SCHEDULE	Amount	% of Total
Fiscal Year		
2021-22	\$ 50,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 50,000	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 is supplied with a system that 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%



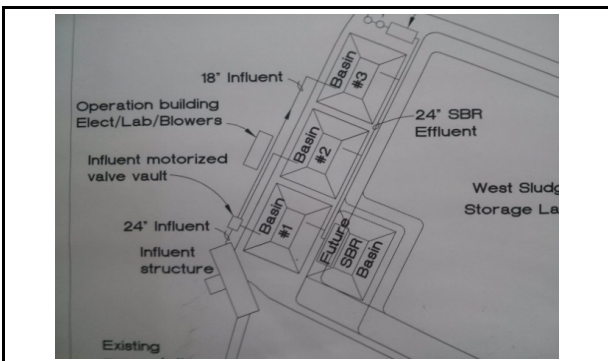
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 60,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project:	Fourth (4th) SBR Basin Construction Project
Project Number:	880001
Project Cost:	\$ 4,100,000
Description:	Construction of Treatment Plant expansion being saved for by a reserve account
Benefits:	Will avoid the need to get a loan to fund capacity upgrades down the road.
Cost Calculation:	Need engineering report to finalize
O & M Impact:	Set up special reserve fund in the Sewer Capital Reserve Fund to accumulate necessary money to build new SBR basin when necessary. Reserve deposits scheduled for 6 years.

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

FUNDING SOURCES		
Source	Amount	% of Total
038-435-880001	\$ 4,100,000	100%
TOTAL	\$ 4,100,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 4,100,000	100%
2024-25		0%
2025-26		0%
2026-27		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.

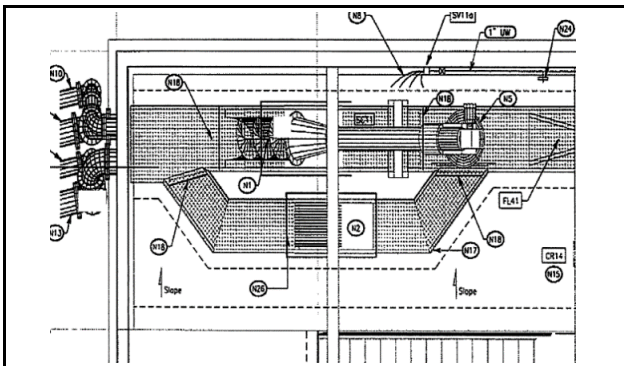
Benefits: Eliminate screenings bypass.

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
2021-22		0%
2022-23		0%
2023-24	\$ 40,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 40,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Bio-Solids Removal Project**

Project Number: 880001

Project Cost: \$ 500,000

Description: Anticipated year to perform Biosolids removal being funded by reserve.

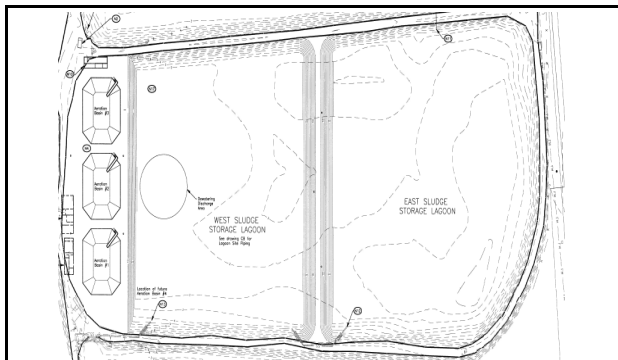
Benefits: We have a fund available for biosolids disposal process and a game plan ready to go.

Cost Calculation: Estimate

O & M Impact: This will be funded through annual contributions set aside in the Sewer Capital Reserve Fund. Need engineering report to finalize costs.

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

FUNDING SOURCES		
Source	Amount	% of Total
038-435-880001	\$ 500,000	100%
TOTAL	\$ 500,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 500,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 500,000	0%

**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 the hauled waste over a period of days, reducing the impact of slug loading in the process.

Cost Calculation: Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Design			038-430-620051	\$ 100,000	100%
Construction	\$ 100,000	100%			
TOTAL	\$ 100,000	100%	TOTAL	\$ 100,000	100%

SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 100,000	100%
2025-26		0%
2026-27		0%
TOTAL	\$ 100,000	0%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number:

Project Cost: \$ 50,000

Description:

Benefits:

Cost Calculation:

O & M Impact:

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

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



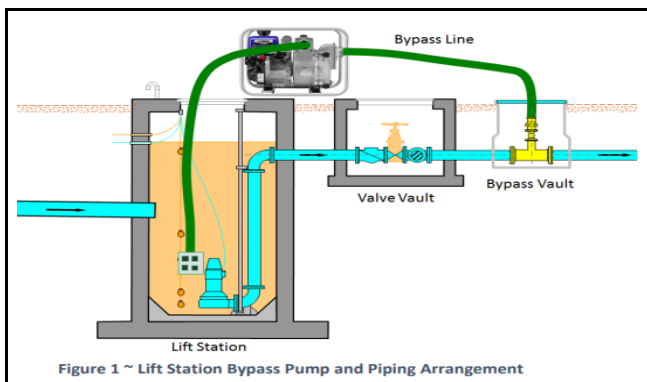
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23	\$ 50,000	100%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Pump Station Bypass Program
Project Number:	620000
Project Cost:	\$ 60,000
Description:	Install vaults, valves, and piping to connect a bypass pump 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
038-430-620046	\$ 60,000	100%
TOTAL	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23	\$ 60,000	100%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project: **Pump Station Generator Undetermined Locations #3**

Project Number:

Project Cost: \$ 50,000

Description:

Benefits:

Cost Calculation:

O & M Impact:

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

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



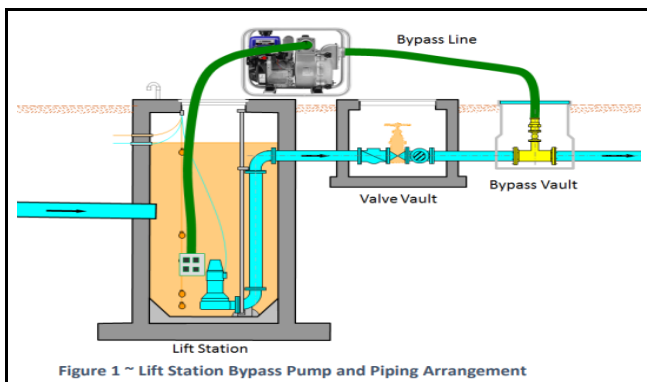
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 50,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Pump Station Bypass Program
Project Number:	620000
Project Cost:	\$ 60,000
Description:	Install vaults, valves and, and piping to connect a bypass pump 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
038-430-620046	\$ 60,000	100%
TOTAL	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 60,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project:	Pump Station Generator Undetermined Locations #4
Project Number:	
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 and 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	\$ 50,000	100%
TOTAL	\$ 50,000	100%



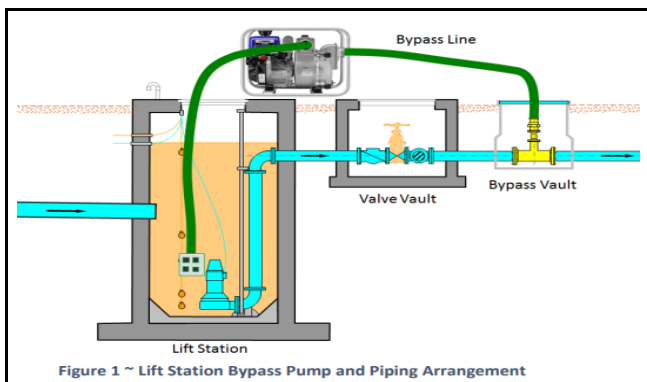
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 50,000	100%
2025-26		0%
2026-27		0%
TOTAL	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Pump Station Bypass Program
Project Number:	620000
Project Cost:	\$ 60,000
Description:	Install vaults, valves, and piping to connect a bypass pump 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
038-430-620046	\$ 60,000	100%
TOTAL	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 60,000	100%
2025-26		0%
2026-27		0%
TOTAL	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project:	Pump Station Generator Undetermined Locations #5
Project Number:	
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 bottle necks first and 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	\$ 50,000	100%
TOTAL	\$ 50,000	100%



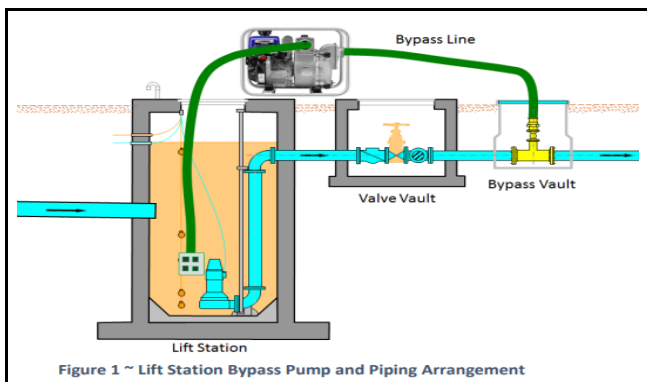
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26	\$ 50,000	100%
2026-27		0%
TOTAL	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Pump Station Bypass Program
Project Number:	620000
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		
038-430-620046	\$ 60,000	100%
TOTAL	\$ 60,000	100%



SCHEDULE	Amount	% of Total
Fiscal Year		
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26	\$ 60,000	100%
2026-27		0%
TOTAL	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number:

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 and 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	\$ 50,000	100%
TOTAL	\$ 50,000	100%



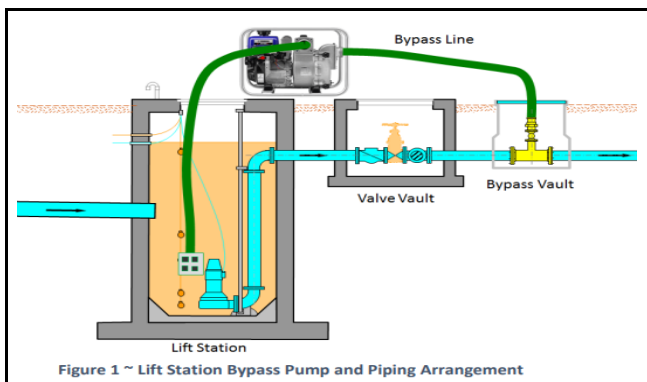
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27	\$ 50,000	100%
TOTAL	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Pump Station Bypass Program
Project Number:	620000
Project Cost:	\$ 60,000
Description:	Install vaults, valves, and piping to connect a bypass pump 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 pump 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
038-430-620046	\$ 60,000	100%
TOTAL	\$ 60,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27	\$ 60,000	100%
TOTAL	\$ 60,000	100%



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Sanitation

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Storage Facility**

Project Number:

Project Cost: \$ 220,000

Description: Storage structure for garbage trucks and sanitation equipment

Benefits: Designate a site that would store the Garbage trucks off the Public works site.
Provide enclosure structure to store refuse fleet.

Cost Calculation: Engineer Estimate

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

BUDGET		
	Estimate	% of Total
Engineering	\$ 20,000	9%
Construction	\$ 200,000	91%
TOTAL	\$ 220,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
034-430	\$ 220,000	100%
TOTAL	\$ 220,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 20,000	9%
2022-23		0%
2023-24	\$ 200,000	91%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 220,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Truck Washout Facility**

Project Number:

Project Cost: **\$ 250,000**

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: **Engineering Estimate**

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

BUDGET		
	Estimate	% of Total
Construction	\$ 250,000	100%
TOTAL	\$ 250,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
034-430	\$ 250,000	100%
TOTAL	\$ 250,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 250,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 250,000	100%



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Streets

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **N Main Ave and NW 7th Plc (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 Plc. This project will now include a wider street and sidewalks.

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

Cost Calculation: \$ 692,000

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 692,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 692,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 220,000

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

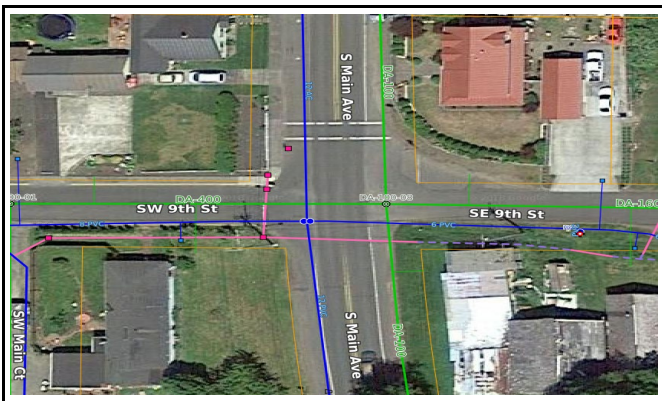
Benefits: **Intersection currently does not accommodate all vehicles. This project would make room for larger vehicles like fire trucks and school busses.**

Cost Calculation: \$ 220,000

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

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%

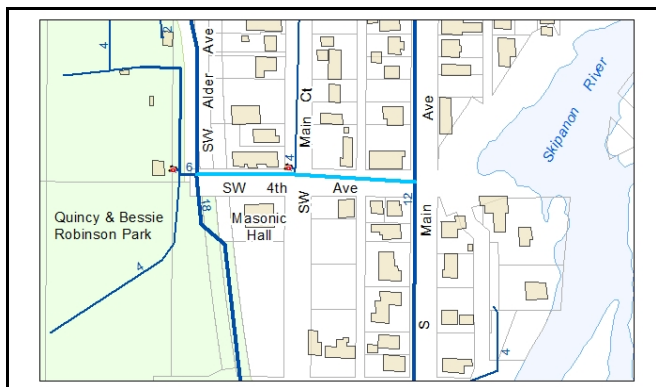


SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 220,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 220,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	SW 4th Street (S Main Ave - SW Alder Ct)
Project Number:	620084
Project Cost:	\$ 938,000
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:	Engineer Estimate
O & M Impact:	Funded from State Tax Street Fund, Water Fund Capital Reserve, and Urban Renewal.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 938,000	100%	Streets 040-431	\$ 320,000	34.1%
			Urban 200-800	\$ 412,000	43.9%
			Water 029-430	\$ 58,000	6.2%
			Storm 028-430	\$ 148,000	15.8%
TOTAL	\$ 938,000	100%	TOTAL	\$ 938,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2020-21	\$ 938,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
TOTAL	\$ 938,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **SRTS Grade School - Main Ave Safe Pedestrian Walkway**

Project Number: 620084

Project Cost: \$ 500,000

Description: The project would construct a dedicated pedestrian path on the west side of Main Avenue/OR 104, providing a complete walkway between downtown and SW 11th Street.

Benefits: Provides a safe walking path that improves safety for existing walking trips, and encourages walking and bicycling instead of driving to the Grade School.

Cost Calculation: Engineer Estimate

O & M Impact: Grant funding of \$400,000 from SRTS and an additional \$100,000 from ODOT.

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

FUNDING SOURCES		
Source	Amount	% of Total
Streets 040-431	\$ 500,000	100.0%
TOTAL	\$ 500,000	100%



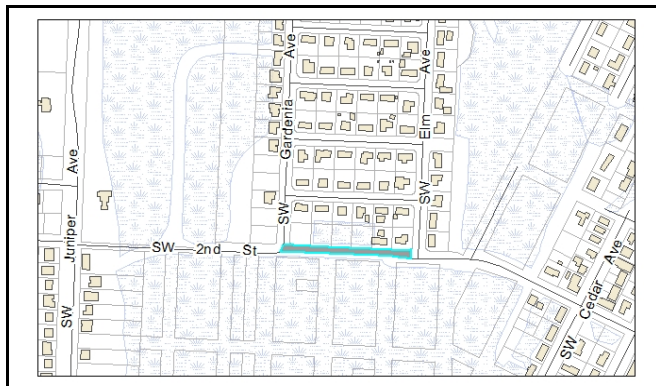
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 500,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 500,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	SW 2nd Street (Elm - Gardenia)
Project Number:	620068
Project Cost:	\$ 250,000
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 the County and North Coast Land Conservancy for mitigation.
Benefits:	Connectivity between downtown and Juniper residential area.
Cost Calculation:	Engineer Estimate
O & M Impact:	Funded from State Tax Street Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 250,000	100%
TOTAL	\$ 250,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431-620068	\$ 250,000	100%
TOTAL	\$ 250,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 250,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 250,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Tansy Point Connection NW 11th Path
Project Number:	
Project Cost:	\$ 104,000
Description:	Project refinement for multi-use path between Ridge Road and NW Warrenton Drv along NW 11th right of way.
Benefits:	Provides safe, off-road transportation connection access between housing and parks.
Cost Calculation:	Engineer Estimate
O & M Impact:	Contingent on receiving an Oregon Community Paths grant for \$93,319 which requires a 10.27% match which will be funded from State Tax Street Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Engineering	\$ 104,000	100%	040-431	\$ 104,000	100%
TOTAL	\$ 104,000	100%	TOTAL	\$ 104,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2021-22	\$ 104,000	100%
	2022-23		0%
	2023-24		0%
	2024-25		0%
	2025-26		0%
	2026-27		0%
TOTAL	\$ 104,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **SE 2nd Street (SE Marlin -Warrenton Commercial Center) Design**
 Project Number: 620000
 Project Cost: \$ 460,000

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

Benefits: Roadway has outlived its useful life.

Cost Calculation: Engineer Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ 60,000	13%
Construction	\$ 400,000	87%
TOTAL	\$ 460,000	100%

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 460,000	100%
TOTAL	\$ 460,000	100%

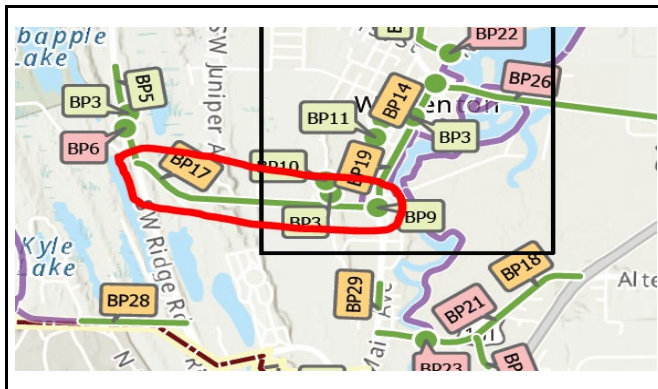


SCHEDULE		
Fiscal Year	Amount	% of total
2021-22	\$ 60,000	13%
2022-23	\$ 400,000	87%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 460,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Provide 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: Multi-use path (Cedar Drv to Ridge Rd)
Benefits:	Promote alternative transportation across town. Reduce Traffic.
Cost Calculation:	TSP
O & M Impact:	Funded from State Tax Street Fund.

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23	\$ 1,160,000	100%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 1,160,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 423,000

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: Engineer 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	10%	040-431	\$ 423,000	100%
Construction	\$ 380,000	90%			
TOTAL	\$ 423,000	100%	TOTAL	\$ 423,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23	\$ 423,000	100%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 423,000	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.

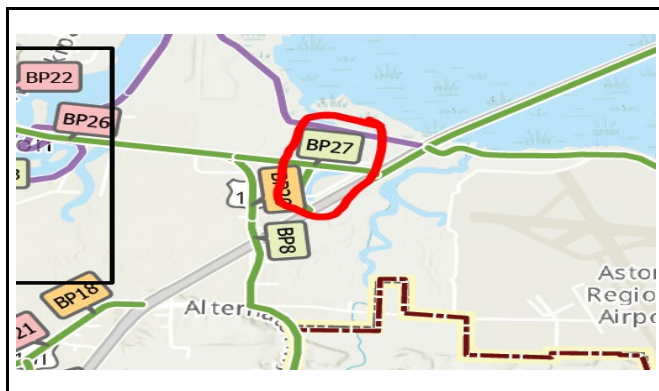
Benefits: Increase pedestrian safety

Cost Calculation: TSP

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

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

SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 1,400,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 1,400,000	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 Avenue per agreement with Orchard Subdivision developer.

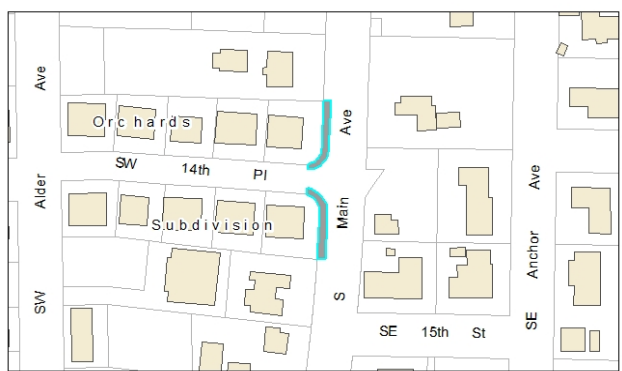
Benefits: Project is not viable without significant funding to address drainage and a realistic construction cost.

Cost Calculation: Engineer Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Design	\$ 8,000	33%	Developer Bond	\$ 8,000	33%
Construction	\$ 16,000	67%	040-431	\$ 16,000	67%
TOTAL	\$ 24,000	100%	TOTAL	\$ 24,000	100%

SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 24,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 24,000	100%





Storm Sewer



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**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **SE 2nd between King and Marlin Culverts**

Project Number:

Project Cost: \$ 40,000

Description:

Benefits:

Cost Calculation:

O & M Impact:

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

FUNDING SOURCES			
Source	Amount	% of Total	
Storm 028-430	\$ 40,000	100.0%	
TOTAL	\$ 40,000	100%	

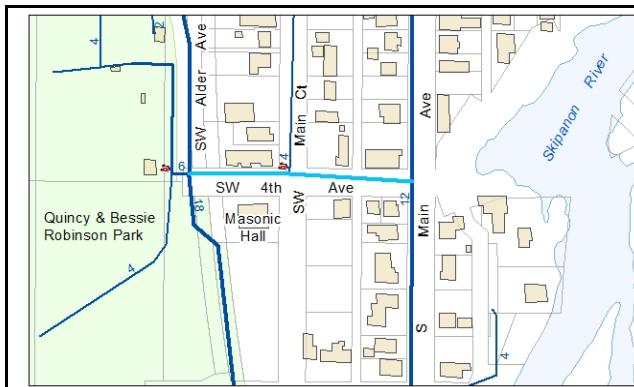


SCHEDULE			
Fiscal Year	Amount	% of Total	
2021-22	\$ 40,000	100%	
2022-23		0%	
2023-24		0%	
2024-25		0%	
2025-26		0%	
2026-27		0%	
TOTAL	\$ 40,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	SW 4th Street (S Main Ave - SW Alder Ct)
Project Number:	620084
Project Cost:	\$ 938,000
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:	Engineer Estimate
O & M Impact:	Funded from State Tax Street Fund, Water Fund Capital Reserve, and Urban Renewal.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 938,000	100%	Streets 040-431	\$ 320,000	34.1%
			Urban 200-800	\$ 412,000	43.9%
			Water 029-430	\$ 58,000	6.2%
			Storm 028-430	\$ 148,000	15.8%
TOTAL	\$ 938,000	100%	TOTAL	\$ 938,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 938,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 938,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **SW Pine Drv street repair and drainage improvement**

Project Number:

Project Cost: \$ 50,000

Description: **Repair street and improve drainage for flooding section**

Benefits: **Public health and safety and street life longevity**

Cost Calculation: **Engineer Estimate**

O & M Impact:

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

FUNDING SOURCES		
Source	Amount	% of Total
Storm 028-430	\$ 25,000	50%
Streets 040-431	\$ 25,000	50%
TOTAL	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 50,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	West Hammond Work
Project Number:	620088
Project Cost:	\$ 350,000
Description:	Replace and upsize 30" corrugated metal culvert and tide gate in Hammond Marina.
Benefits:	Increase capacity of 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:	Engineer Estimate
O & M Impact:	Funded from Storm Sewer Capital Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 350,000	100%
TOTAL	\$ 350,000	100%

FUNDING SOURCES		
	Amount	% of Total
028-430-620088	\$ 350,000	100%
TOTAL	\$ 350,000	100%



SCHEDULE		
	Amount	% of Total
Fiscal Year		
2021-22	\$ 350,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 350,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Tide Gate Replacement Program
Project Number:	620082
Project Cost:	\$ 300,000
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:	Engineer Estimate
O & M Impact:	Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 300,000	100%	028-430-620082	\$ 300,000	100%
TOTAL	\$ 300,000	100%	TOTAL	\$ 300,000	100%

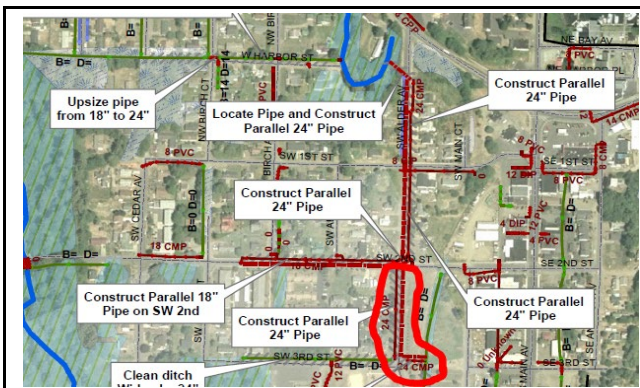
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">SCHEDULE</th> </tr> <tr> <th style="text-align: left;">Fiscal Year</th> <th style="text-align: right;">Amount</th> <th style="text-align: right;">% of Total</th> </tr> </thead> <tbody> <tr> <td>2021-22</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">16.67%</td> </tr> <tr> <td>2022-23</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">16.67%</td> </tr> <tr> <td>2023-24</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">16.67%</td> </tr> <tr> <td>2024-25</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">16.67%</td> </tr> <tr> <td>2025-26</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">16.67%</td> </tr> <tr> <td>2026-27</td> <td style="text-align: right;">\$ 50,000</td> <td style="text-align: right;">16.67%</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 300,000</td> <td style="text-align: right;">100%</td> </tr> </tbody> </table>	SCHEDULE			Fiscal Year	Amount	% of Total	2021-22	\$ 50,000	16.67%	2022-23	\$ 50,000	16.67%	2023-24	\$ 50,000	16.67%	2024-25	\$ 50,000	16.67%	2025-26	\$ 50,000	16.67%	2026-27	\$ 50,000	16.67%	TOTAL	\$ 300,000	100%
SCHEDULE																												
Fiscal Year	Amount	% of Total																										
2021-22	\$ 50,000	16.67%																										
2022-23	\$ 50,000	16.67%																										
2023-24	\$ 50,000	16.67%																										
2024-25	\$ 50,000	16.67%																										
2025-26	\$ 50,000	16.67%																										
2026-27	\$ 50,000	16.67%																										
TOTAL	\$ 300,000	100%																										

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	SW Alder Ave 3rd to 2nd
Project Number:	
Project Cost:	\$ 125,000
Description:	SWAMP 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:	Engineer Estimate
O & M Impact:	Funded from Storm Sewer Capital Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 125,000	100%
TOTAL	\$ 125,000	100%

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



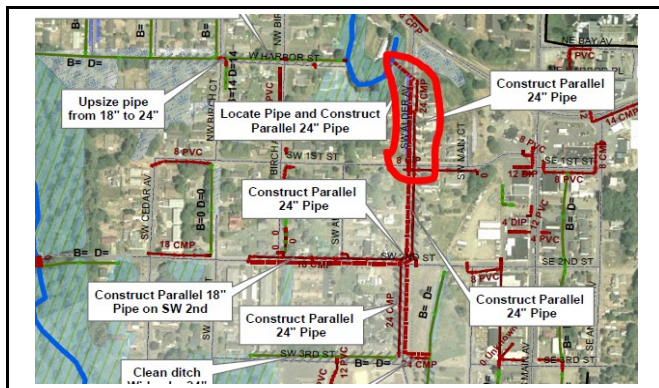
SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 125,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 125,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	SW Alder Ave 1st to W Harbor
Project Number:	
Project Cost:	\$ 181,037
Description:	SWAMP 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:	Engineer Estimate
O & M Impact:	Funded from Storm Sewer Capital Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 181,037	100%
TOTAL	\$ 181,037	100%

FUNDING SOURCES		
Source	Amount	% of Total
028-430	\$ 181,037	100%
TOTAL	\$ 181,037	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23	\$ 181,037	100%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 181,037	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620000

Project Cost: \$ 160,000

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

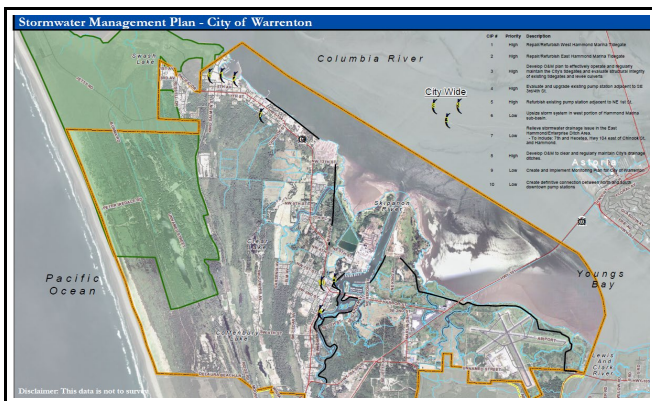
Benefits: Reduce flooding and provide better drainage throughout town

Cost Calculation: Engineer 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
Storm 028-430	\$ 160,000	100%
TOTAL	\$ 160,000	100%



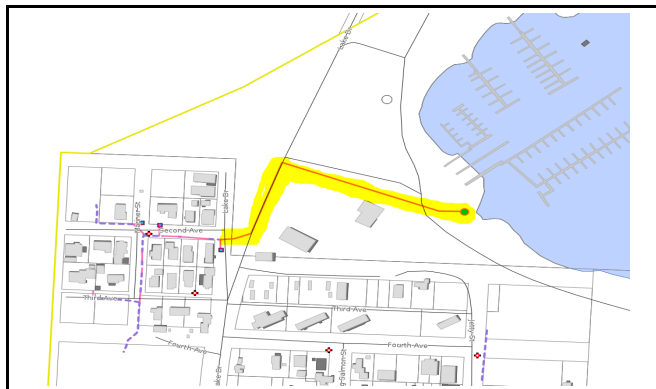
SCHEDULE		
Fiscal Year	Amount	% of total
2021-22		0%
2022-23		0%
2023-24	\$ 160,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 160,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Upsize Storm System in Hammond Marina
Project Number:	620000
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:	Engineer 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
2021-22		0%
2022-23		0%
2023-24		0%
2024-25	\$ 494,396	100%
2025-26		0%
2026-27		0%
TOTAL	\$ 494,396.00	100%



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Public Works Equipment

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Emergency Response Trailer**
 Project Number:
 Project Cost: \$ 10,000

Description: Cargo trailer set up with supplies to quickly respond to incidents. We would keep safety equipment, traffic control devices, and oil spill clean up supplies stocked in the trailer so that it could be mobilized rapidly to manage emergencies on the city streets.

Benefits: Improve response times to emergencies. Open up more storage space in our warehouse that is currently housing the supplies.

Cost Calculation: Quotes

O & M Impact: Improved response time for safety/ provide storage.

BUDGET		
	Estimate	% of total
Cargo Trailer	\$ 10,000	100%
TOTAL	\$ 10,000	100%

FUNDING SOURCES		
Source	Amount	% of total
Parks 001-429-		0%
Storm 028-430-		0%
Water 029-430-		0%
Sanitation 034-430		0%
Sewer 038-430-		0%
Streets 040-431-	\$ 10,000	100%
TOTAL	\$ 10,000	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2021-22	\$ 10,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Emergency Pipe Plug Balloon**
 Project Number:
 Project Cost: \$ 50,000

Description: Emergency Pipe Plug Balloons will be used if tide gates fail, which will protect the properties behind the levees.

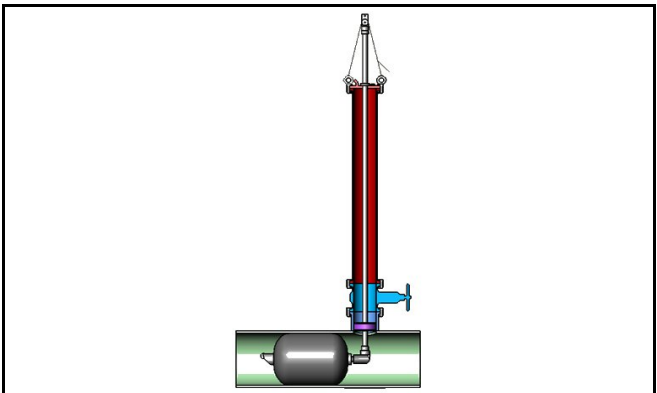
Benefits: Improve response times to emergencies. Protect properties that are behind the levees.

Cost Calculation: Quotes

O & M Impact: Improved response time for emergency repair.

BUDGET		
	Estimate	% of total
Emergency Balloon	\$ 50,000	100%
TOTAL	\$ 50,000	100%

FUNDING SOURCES		
Source	Amount	% of total
Parks 001-429-		0%
Storm 028-430-	\$ 50,000	0%
Water 029-430-		0%
Sanitation 034-430		0%
Sewer 038-430-		0%
Streets 040-431-		100%
TOTAL	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2021-22	\$ 50,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Forklift for 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			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Fork Lift	\$ 18,000	100%	Water 029-430	\$ 18,000	100%
TOTAL	\$ 18,000	100%	TOTAL	\$ 18,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 18,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 18,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Spray Boom System**

Project Number:

Project Cost: \$ 20,000

Description: **Roadside sprayer. Like the Gashed Skid mounted truck tank with shielded spray boom.**

Benefits: **Used for applying herbicides in ROW or on levees. Also could be used for deicer. In cab controls and windshield minimizes spray drift and employee exposure to chemicals.**

Cost Calculation: **Quote**

O & M Impact: **Funded from streets and storm**

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 20,000	100%	Parks 001-429-		0%
			Storm 028-430-	\$ 5,000	25%
			Water 029-430-		0%
			Sanitation 034-430		0%
			Sewer 038-430-		0%
			Streets 040-431-	\$ 15,000	75%
TOTAL	\$ 20,000	100%	TOTAL	\$ 20,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 20,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 20,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Additional Fuel Storage Tank 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. Increases 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
Fuel Storage Tank	\$ 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
2021-22	\$ 25,000		100%
2022-23			0%
2023-24			0%
2024-25			0%
2025-26			0%
2026-27			0%
TOTAL	\$ 25,000		100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Hoist Truck
Project Number:	
Project Cost:	\$ 115,000
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. Current crane truck is undersized for our needs.
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
	\$ 115,000	100%	Parks 001-429	\$ 2,300	2%
			Storm 028-430	\$ 3,450	3%
			Water 029-430	\$ 48,300	42%
			Sanitation 034-430	\$ 14,950	13%
			Sewer 038-430	\$ 35,650	31%
			Streets 040-431	\$ 10,350	9%
TOTAL	\$ 115,000	100%	TOTAL	\$ 115,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 115,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 115,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Vacuum Excavator Trailer w/Valve Exerciser**

Project Number:

Project Cost: \$ 50,000

Description: New equipment - the vac trailer will be used in place of the vector truck to complete smaller excavation work.

Benefits: Smaller unit reduces wear and tear on larger Vector truck, while fitting in smaller areas than the Vector truck.

Cost Calculation: Estimate

O & M Impact: Lower ongoing maintenance cost of Vector truck.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Vac Trailer	\$ 50,000	100%	Water 025-430	\$ 15,000	30%
			Storm 028-430	\$ 5,000	10%
			Sewer 038-430	\$ 15,000	30%
			Streets 040-431	\$ 15,000	30%
TOTAL	\$ 50,000	100%	TOTAL	\$ 50,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 50,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		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, starting with the first one in 2022/2023. This will be good insurance for 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
Air Compressor	\$ 35,000		100%	Water 029-430	\$ 35,000		100%
TOTAL	\$ 35,000		100%	TOTAL	\$ 35,000		100%




SCHEDULE			
Fiscal Year	Amount		% of Total
2021-22			0%
2022-23	\$ 35,000		100%
2023-24			0%
2024-25			0%
2025-26			0%
2026-27			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
Tractor	\$ 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		
	Fiscal Year	Amount	% of Total
	2021-22		0%
	2022-23	\$ 150,000	100%
	2023-24		0%
	2024-25		0%
	2025-26		0%
	2026-27		0%
TOTAL	\$ 150,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

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
Service Truck	\$ 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
2021-22		0%
2022-23	\$ 50,000	100%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Purchase New 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			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Backhoe	\$ 170,000	100%	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%	TOTAL	\$ 170,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 170,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 170,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Purchase Mower**

Project Number: 610013

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 more frequent mowing of water treatment plant properties.

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

FUNDING SOURCES		
Source	Amount	% of total
		0%
		0%
Water 029-430-610013	\$ 45,000	100%
		0%
		0%
TOTAL	\$ 45,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 45,000	100%
2024-25		0%
2025-26		50%
2025-26		60%
TOTAL	\$ 45,000	210%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Purchase Garbage Truck
Project Number:	
Project Cost:	\$ 425,000
Description:	Purchase garbage truck. This is proposed as an ongoing nine-year replacement schedule.
Benefits:	Replace 14-year old side load 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 % of Total	Source	Amount	% of Total
Garbage Truck	\$ 425,000	100%	034-430	\$ 425,000	100%
TOTAL	\$ 425,000	100%	TOTAL	\$ 425,000	100%




SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22		0%
2022-23		0%
2023-24	\$ 425,000	100%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 425,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Vacuum Excavator and Jetter Combo Truck
Project Number:	
Project Cost:	\$ 500,000
Description:	Replace 2006 Vacon Combo Truck with new model for sewer, storm and water cleaning and repair.
Benefits:	Reduce repair and maintenance costs.
Cost Calculation:	Estimate
O & M Impact:	Lower ongoing maintenance costs. Potential trade-in of old machine.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Vacuum Excavator	\$ 500,000	100%	Water 025-430	\$ 150,000	30%
			Storm 028-430	\$ 50,000	10%
			Sewer 038-430	\$ 150,000	30%
			Streets 040-431	\$ 150,000	30%
TOTAL	\$ 500,000	100%	TOTAL	\$ 500,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2021-22		0%
	2022-23		0%
	2023-24		0%
	2024-25		0%
	2025-26	\$ 500,000	100%
	2026-27		0%
TOTAL	\$ 500,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	1-Ton Service Truck Purchase
Project Number:	
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
Service Truck	\$ 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
2021-22		0%
2022-23		0%
2023-24	\$ 50,000	100%
2024-25		0%
2025-26		0%
2026-27		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, starting with the first one in 2022/2023. This will be good insurance for a proactive approach in maintaining the air supply in the operations of the water facility.

BUDGET			
	Estimate		% of Total
Air Compressor	\$ 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
2021-22			0%
2022-23			0%
2023-24			0%
2024-25	\$ 35,000		100%
2025-26			0%
2026-27			0%
TOTAL	\$ 35,000		100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	1-Ton Service Truck Purchase
Project Number:	
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
Service Truck	\$ 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
	2021-22		0%
	2022-23		0%
	2023-24		0%
	2024-25	\$ 50,000	100%
	2025-26		0%
	2026-27		0%
TOTAL	\$ 50,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	1-Ton Service Truck Purchase
Project Number:	
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
Service Truck	\$ 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
2021-22		0%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26	\$ 50,000	100%
2026-27		0%
TOTAL	\$ 50,000	100%



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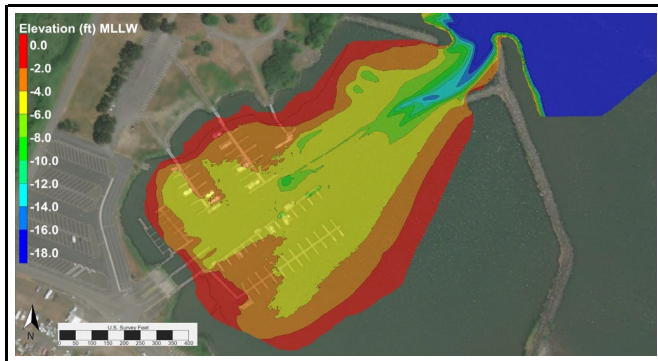


Warrenton & Hammond Marinas

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Hammond Marina Improvements - Hammond Dredging
Project Number:	620007
Project Cost:	\$ 398,000
Description:	Dredge the Hammond Marina - estimated cost Season 2
Benefits:	Maintains continued use of the Hammond Marina
Cost Calculation:	Remainder of contract and engineering
O & M Impact:	Continued use of marina

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Estimate	\$ 398,000	100%	013-461-620007	\$ 398,000	100%
TOTAL	\$ 398,000	100%	TOTAL	\$ 398,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 398,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 398,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Warrenton Marina Improvements - Pier Improvements
Project Number:	62011
Project Cost:	\$ 1,325,000
Description:	Pier Improvements - Phase 1 & 2 - West Side of Commercial Work Pier. This project will be partially paid for by the Urban Renewal Agency.
Benefits:	Improvements deemed necessary for load limit requirements & structure repairs
Cost Calculation:	Engineer Estimate
O & M Impact:	Maintains and assures future use of the Warrenton commercial Pier

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Estimate	\$ 1,325,000	100%	012-461-620011	\$ 325,000	25%
			200-800-320011	\$ 1,000,000	75%
TOTAL	\$ 1,325,000	100%	TOTAL	\$ 1,325,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 1,325,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 1,325,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

Project: **Warrenton Marina Improvements - Inner Basin Lighting Improvements**

Project Number:

Project Cost: \$ 20,000

Description: Inner basin improved overhead lighting

Benefits: Improvements to the inner basin lighting and customer safety needs.

Cost Calculation: Electrician Estimate

O & M Impact: Provides inner basin overhead lights for safety of current moorage holders.

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

FUNDING SOURCES		
Source	Amount	% of Total
012-461-62000	\$ 20,000	100%
TOTAL	\$ 20,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 20,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 20,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Warrenton Marina Improvements - E Dock
Project Number:	
Project Cost:	\$ 40,000
Description:	E-Dock Pile Replacement - 6 Piles
Benefits:	Pile replacement to maintain main walk structure
Cost Calculation:	Construction Estimate
O & M Impact:	Maintains and assures future use of E Dock until future dock replacement

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Estimate	\$ 40,000	100%	012-461-62000	\$ 40,000	100%
TOTAL	\$ 40,000	100%	TOTAL	\$ 40,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 40,000	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
TOTAL	\$ 40,000	100%



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Tansy Point Dock

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Tansy Point Dock Anodes**

Project Number: 620000

Project Cost: \$ 213,580

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	\$ 213,580	100%
Total	\$ 213,580	100%

FUNDING SOURCES		
Source	Amount	% of Total
072-410-620000	\$ 213,580	100%
Total	\$ 213,580	100%

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SCHEDULE		
Fiscal Year	Amount	% of Total
2021-22	\$ 213,580	100%
2022-23		0%
2023-24		0%
2024-25		0%
2025-26		0%
2026-27		0%
Total	\$ 213,580	100%