

"Making a difference through excellence of service"



CITY OF WARRENTON

CAPITAL IMPROVEMENT PROGRAM

2019-2024



April 17, 2018
April 19, 2018
April 26, 2018
June 26, 2018

Commission Review (Work Session)
Revised and Updated
Distribute to Budget Committee
Submit to Commission for Adoption

2019-24 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.

2019-24 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.

2019 - 2024 Capital Improvement Program

Pg. #	TITLE	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	Secure Funding
GENERAL FUND DEPARTMENTS								
12,21,27,32,35,37	Patrol Vehicle Replacement	110,000	114,000	116,000	120,000	120,000	124,000	Y/N
13	2018 U.S Tanker Water Tender	375,000						Y
14	Remodel of Public Works	255						Y
15	Fuel Depot Spill Control	255						Y
16	Automatic Gate at Public Works	300						Y
17	Replace Tennis Court Fencing Fabric	25,000						Y
18	Carruthers Viewing Dock	7,000						Y
19	Carruthers Dog Park Drainage	30,000						Y
20	Ft. Stevens Parade Ground Water Service	5,000						Y
22	Skipanon Riverfront Park Playground Equipment		60,000					N
23	Skipanon Riverfront Park Interpretive Sign		5,000					N
24	Warrenton (LCYA) Soccer Field Park Concept Plan		25,000					N
25	Triangle Park Landscape Enhancements		37,500					N
26	Pacific Park Trail Connections		44,200					N
28	Trail Connection to Fort Stevens			158,400				N
29	Seafarer's Park Concept Plan			20,000				N
30	Skipanon Riverfront Park Landscape Improvements			315,000				N
31	Warrenton (LYCA) Soccer Field Park Trail Connections			158,400				N
33	Park Host Site at Quincy Robinson Park				35,000			N
34	Quincy Robinson Park Concession Stand				130,000			N
36	Fire Department Heavy Brush/Structural Engine					460,000		N
TOTAL GENERAL FUND		\$ 552,810	\$ 285,700	\$ 767,800	\$ 285,000	\$ 580,000	\$ 124,000	
LIBRARY								
40	Library Automation	20,178						Y
TOTAL LIBRARY FUND		\$ 20,178	\$ -	\$ -	\$ -	\$ -	\$ -	
WATER UTILITY								
43	Remodel of Public Works Offices	3,489						Y
44	Fuel Depot Spill Control	3,489						Y
45	Automatic Gate at Public Works	6,300						Y
46	Hammond Water Line NW Warrenton Dr. 18-inch	1,645,000						Y
47	SW 4th Street (S Main Ave - SW Alder Ct)	58,000						Y
48	SE Anchor (Harbor - SE 3rd St) Waterline	93,000						Y
49	SCADA Improvement at South Water Reservoir		45,000					Y
50	Ridge Road 10-inch Water Main (Pacific - KOA Campground)		250,000					N
51	Water Treatment Plant Filter Replacement		1,320,000					Y
42	Replace Raw Water Pipe Downstream from Raw Water Reservoir		993,000					N
43	SE Marlin Ave. 18" Waterline (SE 7th - E Harbor)			336,000				N
54	Replace Raw Water Pipe Upstream from Raw Water Reservoir			1,694,000				N
55	Delaura Beach 18" Waterline (S Main - Ridge Rd)				458,000			N
56	Recoat Epoxy Lining Inside Clearwell					1,178,000		N
TOTAL WATER FUND		\$ 1,809,278	\$ 2,608,000	\$ 2,030,000	\$ 458,000	\$ 1,178,000	\$ -	
TOTAL ALL FUNDS THIS PAGE		\$ 2,382,266	\$ 2,893,700	\$ 2,797,800	\$ 743,000	\$ 1,758,000	\$ 124,000	

2019 - 2024 Capital Improvement Program

Pg. #	TITLE	FISCAL YEAR 2018-19 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>
12	Patrol Vehicle Replacement	110,000						\$ 110,000
13	2018 U.S Tanker Water Tender	41,667			333,333			\$ 375,000
14	Remodel of Public Works						255	\$ 255
15	Fuel Depot Spill Control						255	\$ 255
16	Automatic Gate at Public Works						300	\$ 300
17	Replace Tennis Court Fencing Fabric					25,000		\$ 25,000
18	Carruthers Viewing Dock					7,000		\$ 7,000
19	Carruthers Dog Park Drainage					30,000		\$ 30,000
20	Ft. Stevens Parade Ground Water Service					5,000		\$ 5,000
<i>Funding Source Totals</i>		\$ 151,667	\$ -	\$ -	\$ 333,333	\$ 67,000	\$ 810	\$ 552,810
LIBRARY		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>		<i>Total</i>
40	Library Automation				20,178			20,178
<i>Funding Source Totals</i>		\$ -	\$ -	\$ -	\$ 20,178	\$ -	\$ -	\$ 20,178
WATER UTILITY		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>		<i>Total</i>
43	Remodel of Public Works Offices	3,489						\$ 3,489
44	Fuel Depot Spill Control	3,489						\$ 3,489
45	Automatic Gate at Public Works	6,300						\$ 6,300
46	Hammond Water Line NW Warrenton Dr. 18-inch			1,645,000				\$ 1,645,000
47	SW 4th Street (S Main Ave - SW Alder Ct)	58,000						\$ 58,000
48	SE Anchor (Harbor - SE 3rd St) Waterline	93,000						\$ 93,000
<i>Funding Source Totals</i>		\$ 164,278	\$ -	\$ 1,645,000	\$ -	\$ -	\$ -	\$ 1,809,278
COLUMN TOTALS THIS PAGE		\$ 315,945	\$ -	\$ 1,645,000	\$ 333,333	\$ 67,000	\$ 810	\$ 2,382,266

2019 - 2024 Capital Improvement Program

Pg. #	TITLE	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	Secure Funding
SEWER UTILITY								
59	Remodel of Public Works Offices	2,808						Y
60	Fuel Depot Spill Control	2,808						Y
61	Automatic Gate at Public Works	4,650						Y
62	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	500,000						Y
63	SE 12th Street & Marlin Collector Line Replacement	114,000						Y
64	SE 2nd Street & Marlin Avenue Pump Station	308,500						Y
65	NW Jetty Street & Pacific Avenue Pump Station Upgrade	366,800						Y
66	WWTP North Lagoon Dewatering Pump and Filter	100,000						Y
67	Septage Station Equalization	20,000	100,000					Y/N
68	NW Seventh Ave. & Enterprise Pump Station Upgrade	60,000	246,800					Y/N
69,70,74,78,80,82	Pump Station Generator Undetermined Locations	100,000	50,000	50,000	50,000	50,000	50,000	Y/N
71	4th UV Disinfection Module		30,000					N
72	Ultraviolet (UV) PLC Upgrade		60,000					N
73	SE Marlin & 101 (Putnam) Pump Station Upgrade		60,000	246,800				N
75	WWTP Headworks Parallel Finescreen Project			40,000				N
76	Biosolids Removal Project			500,000				N
77	Future Pump Station Upgrade #1			60,000	246,800			N
79	Future Pump Station Upgrade #2				60,000	246,800		N
81	Future Pump Station Upgrade #3					60,000	246,800	N
83	Fourth (4th) SBR Basin Construction Project						3,000,000	N
84	Future Pump Station Upgrade #4						60,000	N
TOTAL SEWER FUND		\$ 1,579,566	\$ 546,800	\$ 896,800	\$ 356,800	\$ 356,800	\$ 3,356,800	
SANITATION								
87	Remodel of Public Works Offices	2,340						Y
88	Fuel Depot Spill Control	2,340						Y
89	Automatic Gate at Public Works	1,950						Y
90	SW 1st Street Recycling Center Upgrades	50,000						Y
91	Truck Washout Facility					50,000		N
TOTAL SANITATION		\$ 56,630	\$ -	\$ -	\$ -	\$ 50,000	\$ -	
STREETS								
94	Remodel of Public Works Offices	255						Y
95	Fuel Depot Spill Control	255						Y
96	Automatic Gate at Public Works	1,350						Y
97	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	367,000						Y
98	Intersection of SW 9th St and S Main Ave	180,000						Y
99	SW 4th Street (S Main Ave - SW Alder Ct)	218,000						Y
100	NW 13th Street & Warrenton Drive Trail & Drainage Improvements	73,000						Y
101	SW 2nd Street (Elm - Gardenia)	40,000	267,000					Y/N
102	SE Anchor (Harbor - SE 3rd St) Improvements		310,000					N
103	SW Alder Ave Reconstruction Project (SW 1st - SW 3rd)		185,000					N
104	SE 2nd Street (SE Marlin - Warrenton Commercial Center)		100,000					N
105	SE Main Ct (9th - 11th) Improvement Project		107,000					N
106	SE 2nd St Improvement Project (Main - Skipanon River Park)			281,000				N
107	S. Main Ave & SW 14th Pl (Orchard Subdivision) Sidewalks			16,000				N
TOTAL STREET FUND		\$ 879,860	\$ 969,000	\$ 297,000	\$ -	\$ -	\$ -	
TOTAL ALL FUNDS THIS PAGE		\$ 2,516,056	\$ 1,515,800	\$ 1,193,800	\$ 356,800	\$ 406,800	\$ 3,356,800	

2019 - 2024 Capital Improvement Program

Pg. #

TITLE

FISCAL YEAR 2018-19 FUNDING SOURCE SUMMARY

SEWER UTILITY		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
59	Remodel of Public Works Offices	2,808					\$ 2,808
60	Fuel Depot Spill Control	2,808					\$ 2,808
61	Automatic Gate at Public Works	4,650					\$ 4,650
62	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	500,000					\$ 500,000
63	SE 12th Street & Marlin Collector Line Replacement	114,000					\$ 114,000
64	SE 2nd Street & Marlin Avenue Pump Station	308,500					\$ 308,500
65	NW Jetty Street & Pacific Avenue Pump Station Upgrade	366,800					\$ 366,800
66	WWTP North Lagoon Dewatering Pump and Filter	100,000					\$ 100,000
67	Septage Station Equalization	20,000					\$ 20,000
68	NW Seventh Ave. & Enterprise Pump Station Upgrade	60,000					\$ 60,000
69	Pump Station Generator Undetermined Locations	100,000					\$ 100,000
<i>Funding Source Totals</i>		\$ 1,579,566	\$ -	\$ -	\$ -	\$ -	\$ 1,579,566

SANITATION		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
87	Remodel of Public Works Offices	2,340					\$ 2,340
88	Fuel Depot Spill Control	2,340					\$ 2,340
89	Automatic Gate at Public Works	1,950					\$ 1,950
90	SW 1st Street Recycling Center Upgrades	50,000					\$ 50,000
<i>Funding Source Totals</i>		\$ 56,630	\$ -	\$ -	\$ -	\$ -	\$ 56,630

STREETS		<i>Operations Fund</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Fuel Tax</i>	<i>Total</i>
94	Remodel of Public Works Offices	255						\$ 255
95	Fuel Depot Spill Control	255						\$ 255
96	Automatic Gate at Public Works	1,350						\$ 1,350
97	N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	367,000						\$ 367,000
98	Intersection of SW 9th St and S Main Ave	180,000						\$ 180,000
99	SW 4th Street (S Main Ave - SW Alder Ct)	218,000						\$ 218,000
100	NW 13th Street & Warrenton Drive Trail & Drainage Improvements	73,000						\$ 73,000
101	SW 2nd Street (Elm - Gardenia)	40,000						\$ 40,000
<i>Funding Source Totals</i>		\$ 879,860	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 879,860

COLUMN TOTALS THIS PAGE

\$ 2,516,056 \$ - \$ - \$ - \$ - \$ - \$ - \$ 2,516,056

2019 - 2024 Capital Improvement Program

Pg. #	TITLE	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	Secure Funding
STORM SEWER								
110	Remodel of Public Works Offices	853						Y
111	Fuel Depot Spill Control	853						Y
112	Automatic Gate at Public Works	450						Y
113	SW 4th Street (S Main Ave - SW Alder Ct)	148,000						Y
114	Raise Levee Low Area	10,000						Y
115	Tide Gate Replacement Program	50,000	50,000	50,000	50,000	50,000	50,000	Y/N
116	SE Anchor (Harbor - SE 3rd St) Improvements		120,000					N
117	Storm Water Master Plan Recommendations #1		50,000					N
118	Upsize Storm System in Hammond Marina		119,396					N
119	Storm Water Master Plan Recommendations #3		50,000					N
120	Storm Water Master Plan Recommendations #4			50,000				N
121	Storm Water Master Plan Recommendations #5				50,000			N
TOTAL STORM SEWER FUND		\$ 210,156	\$ 389,396	\$ 100,000	\$ 100,000	\$ 50,000	\$ 50,000	
PUBLIC WORKS EQUIPMENT								
124,128,132,135,138	One-Ton Service Truck Purchase		50,000	50,000	50,000	50,000	50,000	N
125	Side Loading Garbage Truck		400,000					N
126	Forklift Water Treatment Plant		18,000					N
127	Additional Fuel Storage Tank Water Treatment Plant		25,000					N
129	John Deere Tractor for Boom Mower			150,000				N
130	New Backhoe			170,000				N
131,133,136	Water Treatment Plant Air Compressor			35,000	35,000	35,000		N
134	Water Treatment Plant Lawn Mower				45,000			N
137	Front Loading Garbage Truck					425,000		N
TOTAL PUBLIC WORKS EQUIPMENT		\$ -	\$ 493,000	\$ 405,000	\$ 130,000	\$ 510,000	\$ 50,000	
WARRENTON MARINA								
141	Commercial Work Pier Improvements	275,000						Y
TOTAL WARRENTON MARINA FUND		\$ 275,000	\$ -					
HAMMOND MARINA								
144	Hammond Marina Bank Stabilization Project	75,000						Y
145	Hammond Marina Dredging	700,000						Y
146	Hammond Marina Land Acquisition	5,000						Y
TOTAL HAMMOND MARINA FUND		\$ 780,000	\$ -					
TANSY POINT DOCK								
149	Tansy Point Anodes	144,678						Y
TOTAL TANSY POINT DOCK		\$ 144,678	\$ -					
TOTAL ALL FUNDS THIS PAGE		\$ 1,409,834	\$ 882,396	\$ 505,000	\$ 230,000	\$ 560,000	\$ 100,000	
GRAND TOTAL ALL PAGES		\$ 6,308,156	\$ 5,291,896	\$ 4,496,600	\$ 1,329,800	\$ 2,724,800	\$ 3,580,800	



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2019 - 2024 Capital Improvement Program

Pg. #	TITLE	FISCAL YEAR 2018-2019 FUNDING SOURCE SUMMARY						
STORM SEWER		<i>Operations Fund</i>	<i>SDC</i>	<i>Debt</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>	
110	Remodel of Public Works Offices	853					\$ 853	
111	Fuel Depot Spill Control	853					\$ 853	
112	Automatic Gate at Public Works	450					\$ 450	
113	SW 4th Street (S Main Ave - SW Alder Ct)	148,000					\$ 148,000	
114	Raise Levee Low Area	10,000					\$ 10,000	
115	Tide Gate Replacement Program	50,000					\$ 50,000	
<i>Funding Source Totals</i>		\$ 210,156	\$ -	\$ -	\$ -	\$ -	\$ 210,156	
PUBLIC WORKS EQUIPMENT		<i>Parks</i>	<i>Storm Sewer</i>	<i>Water</i>	<i>Sanitation</i>	<i>Sewer</i>	<i>Streets</i>	<i>Total</i>
<i>Funding Source Totals</i>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WARRENTON MARINA		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>	
141	Commercial Work Pier Improvements	275,000					\$ 275,000	
<i>Funding Source Totals</i>		\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ 275,000	
HAMMOND MARINA		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>	
144	Hammond Marina Bank Stabilization Project	75,000					\$ 75,000	
145	Hammond Marina Dredging	700,000					\$ 700,000	
146	Hammond Marina Land Acquisition	5,000					\$ 5,000	
<i>Funding Source Totals</i>		\$ 780,000	\$ -	\$ -	\$ -	\$ -	\$ 780,000	
TANSY POINT DOCK		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>	
149	Tansy Point Anodes	144,678					\$ 144,678	
<i>Funding Source Totals</i>		\$ 144,678	\$ -	\$ -	\$ -	\$ -	\$ 144,678	
COLUMN TOTALS THIS PAGE		\$ 1,409,834	\$ -	\$ -	\$ -	\$ -	\$ 1,409,834	
GRAND TOTAL ALL PAGES							6,308,156	

2017-2018 PROJECT STATUS

GENERAL FUND

Patrol Vehicle Replacement	K-9 Patrol Vehicle was purchased in July 2017
Fire Unallocated Equipment	No purchase were made from this account this year
Remodel of Public Works Offices	Project has begun, but will be carried forward into fiscal year 2018/19.
Fuel Depot Spill Control	This project will be carried forward into fiscal year 2018/19
Parks SDC Improvements - Unallocated	No purchases were made from this account this year.
NE 1st Street to Skipanon Trail Improvements	Project was completed in November 2017
Resurface Tennis Court	Project was completed in September 2017
Quincy Robinson Park Playground Equipment	Project was completed in November 2017
Quincy Robinson Ball Field Irrigation	This project will not be carried forward.
Fort Stevens Post/Aux 10580 Veterans Monument	This project will be completed by June 30th 2018.

WATER FUND

Remodel of Public Works Offices	Project has begun, but will be carried forward into fiscal year 2018/19.
Fuel Depot Spill Control	This project will be carried forward into fiscal year 2018/19
Hammond Water Line NW Warrenton Drive 18" Waterline	This project will be carried forward into fiscal year 2018/19
SW 4th Street (S Main Ave - SW Alder Ct)	This project will be carried forward into fiscal year 2018/19
SE Anchor (Harbor - SE 3rd St) Improvements	This project will be carried forward into fiscal year 2018/19
Water SDC Improvements - Unallocated	No purchases were made from this account this year.

SEWER FUND

Remodel of Public Works Offices	Project has begun, but will be carried forward into fiscal year 2018/19.
Fuel Depot Spill Control	This project will be carried forward into fiscal year 2018/19
SE 2nd St. & Marlin Avenue Pump Station	Work has begun, expected to be completed in fiscal year 2018/19
Pump Station Generator Undetermined Locations	This project will be carried forward into fiscal year 2018/19
NW Jetty St. & Pacific Ave. Pump Station Upgrade	This project will be carried forward into fiscal year 2018/19
WWTP North Lagoon Decommissioning	This project will not be carried forward at this time.
WWTP Laboratory Climate Control	Project was completed in October 2017
SE 12th Street & Marlin Collector Line Replacement	This project will be carried forward into fiscal year 2018/19
Sewer SDC Improvements - Unallocated	No purchases were made from this account this year.
Septage Station Equalization	This project will be carried forward into fiscal year 2018/19
NW Seventh Ave. & Enterprise Pump Station Upgrade	This project will be carried forward into fiscal year 2018/19

2017-2018 PROJECT STATUS

SANITATION FUND

Remodel of Public Works Offices	Project has begun, but will be carried forward into fiscal year 2018/19.
Fuel Depot Spill Control	This project will be carried forward into fiscal year 2018/19
SW 1st Street Recycling Center Upgrades	This project will be carried forward into fiscal year 2018/19

STREETS

Remodel of Public Works Offices	Project has begun, but will be carried forward into fiscal year 2018/19.
Fuel Depot Spill Control	This project will be carried forward into fiscal year 2018/19.
SE Anchor (Harbor - SE 3rd St) Improvements	This project will be carried forward into fiscal year 2018/19
SW 4th St (S Main Ave - SW Alder Ct)	This project will be carried forward into fiscal year 2018/19
N Main Ave and NW 7th Pl. (NW Warrenton Dr. to NE 5th St.)	This project will be carried forward into fiscal year 2018/19
SE 2nd Street (SE King - Marlin)	Project was completed September 2017.
Streets SDC Improvements - Unallocated	No purchases were made from this account this year.
SW 2nd Street (Elm - Gardenia)	Work has begun, expected to be completed in fiscal year 2018/19

STORM SEWER

Remodel of Public Works Offices	Project has begun, but will be carried forward into fiscal year 2018/19.
Fuel Depot Spill Control	This project will be carried forward into fiscal year 2018/19
SE Anchor (Harbor - SE 3rd St) Improvements	This project will be carried forward into fiscal year 2018/19
Storm Water Master Plan Recommendations #1	This project will be carried forward into fiscal year 2018/19
Raise Levee Low Area	This is an ongoing project.
Storm Sewer SDC Improvements - Unallocated	No purchases were made from this account this year.
Tide Gate Replacement Program	Alder Creek Tide gate 4.1 was repaired, project will continue into fiscal year 2018/19

PUBLIC WORKS EQUIPMENT

1-Ton Service Truck Purchase	Truck was purchased in November 2017
Chlorine System Rectifier for WTP	Equipment was purchased in September 2017

WARRENTON MARINA

Warrenton Marina Improvements - Unallocated	Funds were used for engineering services for the work pier at the Warrenton marina.
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HAMMOND MARINA

Marina Land Acquisition Costs	The acquisition process has begun and will be carried forward into the 2019 fiscal year.
Bank Stabilization Project	This project will be carried forward into fiscal year 2019.
Marina Improvements-Unallocated	Funds were used for engineering services for future dredging.

TANSY POINT DOCK

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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	610001
Project Cost:	\$ 110,000
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
2018 Patrol Vehicle	\$ 55,000	50%
2018 Patrol Vehicle	\$ 55,000	50%
Total	\$ 110,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
070-495-610001	\$ 110,000	100%
Total	\$ 110,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019	\$ 110,000	100%
2019-2020		
2020-2021		
2021-2022		
2022-2023		
2023-2024		
Total	\$ 110,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **2018 U.S. Tanker Tender**
 Project Number: 610005
 Project Cost: \$ 375,000

Description: As a result of the contract to provide fire protection to several areas of the City and Rural Fire District that are without fire hydrants, a water tender is required to maintain our current fire insurance ratings. The current water tender in our fleet is a 1978 model and very outdated and without all necessary safety equipment.

Benefits: As noted above.

Cost Calculation: \$ 375,000

O & M Impact: Annual testing and maintenance cost estimated at \$3,500 to \$4,500

BUDGET		
	Estimate	% of Total
Apparatus	\$ 375,000	100%
Total	\$ 375,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
071-495-610005	\$ 41,667	11%
Grant	\$ 333,333	89%
Total	\$ 375,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019	\$ 375,000	100%
2019-2020		0%
2020-2021		0%
2021-2022		0%
2022-2023		0%
2023-2024		0%
Total	\$ 375,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of public works offices; continue work on front office, windows, and other improvements.

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

Cost Calculation: Estimate

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

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

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2018-19	\$ 10,000	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	2022-23		0%
	2023-24		0%
Total	\$ 10,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Fuel Depot Spill Control**

Project Number: 620092

Project Cost: \$ 10,000

Description: Design of a oil water separator and spill kit for PW fuel depot. Bring up to regulatory requirements.

Benefits: Will protect the ground water in event of a failure or spill at the fuel depot.

Cost Calculation: Estimate

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 10,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Automatic Gate at Public Works**

Project Number: 620093

Project Cost: \$ 15,000

Description: Installation of electric gate opener with keypad and remote key access.

Benefits: Existing gate is very heavy, not all employees can operate the gate. Will allow for quicker access to the facilities. Additional benefit for Police and Fire that need to access the fuel pumps after hours .

Cost Calculation: Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 15,000	100%	Parks 001-429	\$ 300	2.00%
			Storm 028-430	\$ 450	3.00%
			Water 029-430	\$ 6,300	42.00%
			Sanitation 034-430	\$ 1,950	13.00%
			Sewer 038-430	\$ 4,650	31.00%
			Streets 040-431	\$ 1,350	9.00%
Total	\$ 15,000	100%	Total	\$ 15,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 15,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 15,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Replace Tennis Court Fencing Fabric**

Project Number: 620073

Project Cost: \$ 25,000

Description: Tennis court fence fabric is worn out and curling and filled with holes. We will replace the fence fabric leaving the poles in place.

Benefits: Extends life of the tennis court.

Cost Calculation: Contractor Estimate

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

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

FUNDING SOURCES		
Source	Amount	% of Total
065-429-620073	\$ 25,000	100%
Total	\$ 25,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 25,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 25,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Carruthers Viewing Dock**

Project Number: 620074

Project Cost: \$ 7,000

Description: Existing viewing doc is at end of life. We will remove the old structure and restore the interpretive signs. Then we will provide a bench or picnic table and reinstall the refurbished signs.

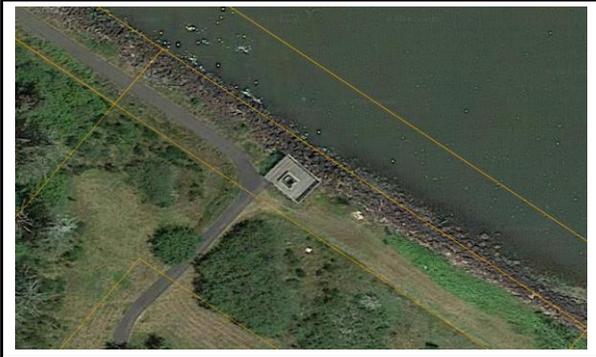
Benefits: Eliminate safety risk with old structure and put something new in its place.

Cost Calculation: Estimate

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

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

FUNDING SOURCES		
Source	Amount	% of Total
065-429-620074	\$ 7,000	100%
Total	\$ 7,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 7,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 7,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Carruthers Dog Park Drainage**

Project Number: 620011

Project Cost: \$ 30,000

Description: Install drainage system for the big dog section of the park. Install base rock, landscape fabric, and pea gravel in area at park entrance. Install catch basins or gutter to move water out of the park.

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

Cost Calculation: Estimate

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 30,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 30,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Fort Stevens Parade Ground Water Service**

Project Number: 620075

Project Cost: \$ 5,000

Description: Install a water service for the park.

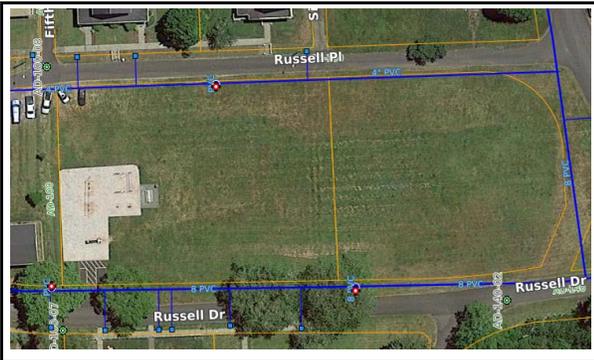
Benefits: As Public Works begins to rejuvenate this park, we will need water to irrigate the field. Also water would be available for groups that wish to use the park.

Cost Calculation: Estimate

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

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

FUNDING SOURCES			
Source	Amount	% of Total	
065-429-620075	\$ 5,000	100%	
Total	\$ 5,000	100%	



SCHEDULE			
Fiscal Year	Amount	% of Total	
2018-19	\$ 5,000	100%	
2019-20		0%	
2020-21		0%	
2021-22		0%	
2022-23		0%	
2023-24		0%	
Total	\$ 5,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

BUDGET		
	Estimate	% of Total
2019 Patrol Vehicle	\$ 57,000	50%
2019 Patrol Vehicle	\$ 57,000	50%
Total	\$ 114,000	100%

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019		
2019-2020	\$ 114,000	100%
2020-2021		
2021-2022		
2022-2023		
2023-2024		
Total	\$ 114,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Skipanon Riverfront Park Playground Equipment**

Project Number:

Project Cost: \$ 60,000

Description: **Install Playground Equipment in park.**

Benefits: **Improve safety & usage of park.**

Cost Calculation: **PMP**

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

BUDGET		
	Estimate	% of Total
	\$ 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
2018-19		0%
2019-20	\$ 60,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 60,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Skipanon Riverfront Park Interpretive Sign**

Project Number:

Project Cost: \$ 5,000

Description:

Benefits:

Cost Calculation:

O & M Impact:

BUDGET		
	Estimate	% of Total
	\$ 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
2018-19		0%
2019-20	\$ 5,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 5,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Warrenton (LYCA) Soccer Field Park Concept Plan**

Project Number:

Project Cost: \$ 25,000

Description:

Benefits:

Cost Calculation:

O & M Impact:

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

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 25,000	100%
Total	\$ 25,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 25,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 25,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Triangle Park Landscape Enhancements**

Project Number:

Project Cost: \$ 37,500

Description: **Landscape improvements at Skipanon Riverfront Park.**

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

Cost Calculation: **PMP**

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

BUDGET		
	Estimate	% of Total
	\$ 37,500	100%
Total	\$ 37,500	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 37,500	100%
Total	\$ 37,500	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 37,500	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 37,500	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Pacific Park Trail Connections**

Project Number:

Project Cost: \$ 44,200

Description: Provide planters, bollards, storm water swales, and various trail connections along Pacific Landscape Island in Hammond to connect to other trail points, such as the Post Office crosswalk.

Benefits: Improved access to trail system.

Cost Calculation: PMP

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

BUDGET		
	Estimate	% of Total
	\$ 44,200	100%
Total	\$ 44,200	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 44,200	100%
Total	\$ 44,200	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 44,200	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 44,200	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

BUDGET		
	Estimate	% of Total
2020 Patrol Vehicle	\$ 58,000	50%
2020 Patrol Vehicle	\$ 58,000	50%
Total	\$ 116,000	100%

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019		
2019-2020		
2020-2021	\$ 116,000	100%
2021-2022		
2022-2023		
2023-2024		
Total	\$ 116,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Trail Connection to Fort Stevens**

Project Number:

Project Cost: \$ 158,400

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

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

Cost Calculation: PMP

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21	\$ 158,400	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 158,400	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Seafarer's Park Concept Plan**

Project Number:

Project Cost: \$ 20,000

Description:

Benefits:

Cost Calculation:

O & M Impact:

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

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



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

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Skipanon Riverfront Park Landscape Improvements**

Project Number:

Project Cost: \$ 315,000

Description: **Landscape improvements at Skipanon Riverfront Park.**

Benefits: **Beatification and restoration on landscape.**

Cost Calculation: **PMP**

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

BUDGET		
	Estimate	% of Total
	\$ 315,000	100%
Total	\$ 315,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 315,000	100%
Total	\$ 315,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21	\$ 315,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 315,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Warrenton (LYCA) Soccer Field Park Trail Connections**

Project Number:

Project Cost: \$ 158,400

Description: Provide multi-use trail to connect the central part of Warrenton to the Ridge Road recreational area.

Benefits: Improve safety & usage of City's trail system and provide a tsunami evacuation path for pedestrians.

Cost Calculation: PMP

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21	\$ 158,400	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 158,400	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

BUDGET		
	Estimate	% of Total
2021 Patrol Vehicle	\$ 60,000	50%
2021 Patrol Vehicle	\$ 60,000	50%
Total	\$ 120,000	100%

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019		
2019-2020		
2020-2021		
2021-2022	\$ 120,000	100%
2022-2023		
2023-2024		
Total	\$ 120,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Park Host Site at Quincy Robinson Park**

Project Number:

Project Cost: \$ 35,000

Description: **Establish a park host site at Quincy Robinson Park.**

Benefits: **Park host for added security at Quincy Robinson Park.**

Cost Calculation: **Eng. Estimate**

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

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

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 35,000	100%
		0%
		0%
		0%
		0%
Total	\$ 35,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 35,000	100%
2022-23		0%
2023-24		0%
Total	\$ 35,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **QR Park Concession Stand**

Project Number:

Project Cost: \$ 130,000

Description: Provide a new concession stand at Quincy Robinson Park to replace old outdated structure.

Benefits: Enhance use of park for Warrenton Kids Inc. activities and improve the appearance of community park.

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of Total
	\$ 130,000	100%
Total	\$ 130,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
065-429	\$ 130,000	100%
Total	\$ 130,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 130,000	100%
2022-23		0%
2023-24		0%
Total	\$ 130,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

BUDGET		
	Estimate	% of Total
2022 Patrol Vehicle	\$ 60,000	50%
2022 Patrol Vehicle	\$ 60,000	50%
Total	\$ 120,000	100%

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019		
2019-2020		
2020-2021		
2021-2022		
2022-2023	\$ 120,000	100%
2023-2024		
Total	\$ 120,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Fire Department Heavy Brush/Structural Engine**

Project Number:

Project Cost: \$ 460,000

Description: Heavy Brush / Structural Engine to replace 2723 plus equipment. 2723 is 4-wheel drive and serves multi purpose role as an engine and carries the rescue tools for motor vehicle collisions.

Benefits: Multi-purpose engine.

Cost Calculation: Estimate

O & M Impact: Annual testing and maintenance cost estimated at \$2,500 to \$3,000.

BUDGET		
	Estimate	% of Total
Apparatus	\$ 410,000	89.1%
Equipment	\$ 50,000	10.9%
Total	\$ 460,000	100%

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019		
2019-2020		
2020-2021		
2021-2022		
2022-2023	\$ 460,000	100%
2023-2024		
Total	\$ 460,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Patrol Vehicle Replacement
Project Number:	
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
2023 Patrol Vehicle	\$ 62,000	50%
2023 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
2018-2019		
2019-2020		
2020-2021		
2021-2022		
2022-2023		
2023-2024	\$ 124,000	100%
Total	\$ 124,000	100%



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Library Fund

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Library Automation**

Project Number: 620001

Project Cost: \$ 20,178

Description: Automation of library including software, cataloging tools, hosting, licensing, technology implementation, and online public access.

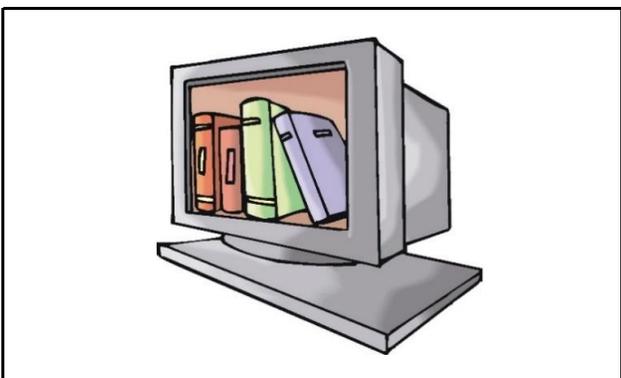
Benefits: Will allow the Library to become fully automated and keep better track of inventory. It will also allow patrons to remotely access digital materials.

Cost Calculation: \$ 20,178

O & M Impact: Annual Maintenance Cost estimated at \$1,595. We have applied for an LSTA Grant in partnership with Seaside Library. If the grant is denied and the project goes forward without Seaside, the estimated maintenance costs are \$6,421 and project costs will increase by \$9,727.

BUDGET		
	Estimate	% of Total
	\$ 20,178	100%
Total	\$ 20,178	100%

FUNDING SOURCES		
Source	Amount	% of Total
020-455-620001	\$ 20,178	100%
Total	\$ 20,178	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019	\$ 20,178	100%
2019-2020		0%
2020-2021		0%
2021-2022		0%
2022-2023		0%
2023-2024		0%
Total	\$ 20,178	100%



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Water Utility

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of public works offices; continue work on front office, windows, and other improvements.

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

Cost Calculation: Estimate

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 10,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Fuel Depot Spill Control**

Project Number: 620092

Project Cost: \$ 10,000

Description: Design of a oil water separator and spill kit for PW fuel depot. Bring up to regulatory requirements.

Benefits: Will protect the ground water in event of a failure or spill at the fuel depot.

Cost Calculation: Estimate

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 10,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Automatic Gate at Public Works**

Project Number: 620093

Project Cost: \$ 15,000

Description: Installation of electric gate opener with keypad and remote key access.

Benefits: Existing gate is very heavy, not all employees can operate the gate. Will allow for quicker access to the facilities. Additional benefit for Police and Fire that need to access the fuel pumps after hours.

Cost Calculation: Estimate

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

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

FUNDING SOURCES		
Source	Amount	% of Total
Parks 001-429	\$ 300	2.00%
Storm 028-430	\$ 450	3.00%
Water 029-430	\$ 6,300	42.00%
Sanitation 034-430	\$ 1,950	13.00%
Sewer 038-430	\$ 4,650	31.00%
Streets 040-431	\$ 1,350	9.00%
Total	\$ 15,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 15,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 15,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620075

Project Cost: \$ 1,645,000

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

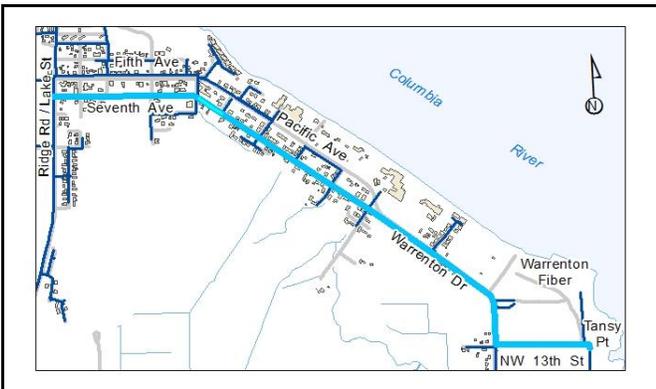
Benefits: Will improve City's water delivery system and provide improved fire flows, system redundancy, and improved water quality.

Cost Calculation: Eng. Estimate

O & M Impact: This project is funded by a forgivable loan from the Oregon Infrastructure Finance Authority.

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

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



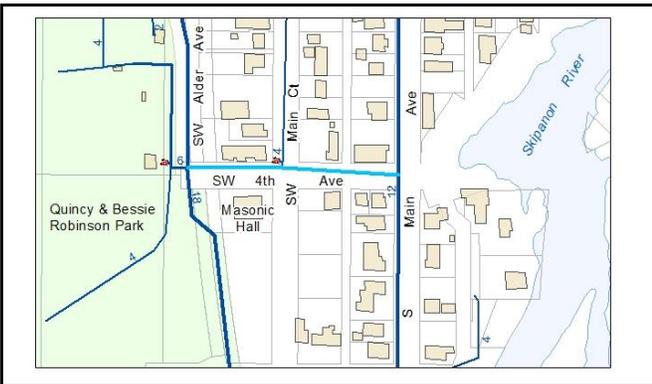
SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 1,645,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 1,645,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 836,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 836,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620085

Project Cost: \$ 93,000

Description: Install new waterlines on Anchor Ave. & 3rd St. system.

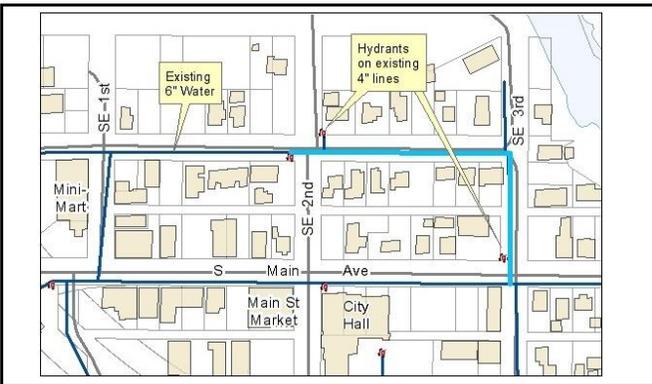
Benefits: Upgrade undersized waterlines.

Cost Calculation: Eng. Estimate

O & M Impact: Funding to come from the Water Capital Reserve.

BUDGET			
	Estimate	% of Total	
Engineering	\$ 9,300	10%	
Construction	\$ 83,700	90%	
Total	\$ 93,000	100%	

FUNDING SOURCES			
Source	Amount	% of Total	
Water 029-430	\$ 93,000	100%	
Total	\$ 93,000	100%	



SCHEDULE			
Fiscal Year	Amount	% of Total	
2018-19	\$ 93,000	100%	
2019-20		0%	
2020-21		0%	
2021-22		0%	
2022-23		0%	
2023-24		0%	
Total	\$93,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 45,000

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

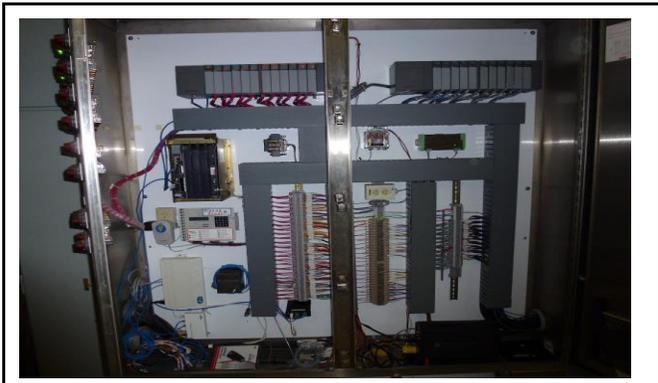
Benefits: Improve operation of south water reservoir booster station in concert with the Clearwell.

Cost Calculation: Water Master Plan

O & M Impact: Funded from Water Capital Reserve

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 45,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 45,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 250,000

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

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

Cost Calculation: Eng. Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Engineering	\$ 20,000	8%	029-430	\$ 250,000	100%
Construction	\$ 230,000	92%			
Total	\$ 250,000	100%	Total	\$ 250,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 250,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 250,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Water Treatment Plant Filter Replacement**

Project Number:

Project Cost: \$ 1,320,000

Description: Replace the WTP filters. Between fiscal years 2013 and 2019, the City has placed \$188,571 in a reserve account each year for the replacement of the filters. The filters were last replaced in fiscal year 2013.

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		
	Estimate	% of Total
	\$ 1,320,000	100%
Total	\$ 1,320,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
029-430-880001	\$ 1,320,000	100%
Total	\$ 1,320,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 1,320,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 1,320,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Replace Raw Water Pipe Downstream from Raw Water Reservoir**

Project Number:

Total Project Cost: \$ 993,000

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

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

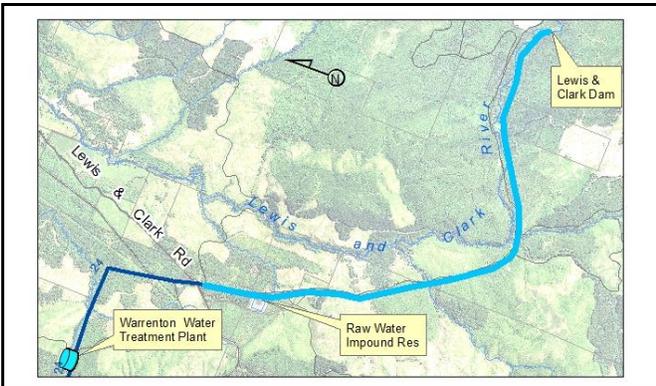
Cost Calculation: Water Master Plan

This will be funded from the Water Capital Reserve Fund.

O & M Impact:

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 993,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 993,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 336,000

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

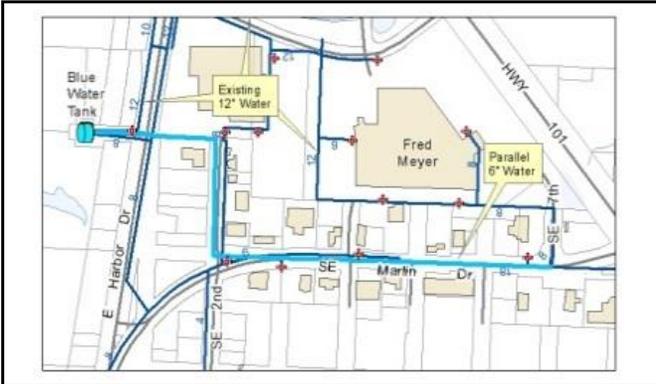
Benefits: New 18" transmission main will improve fire flows and better serve future commercial development in northeastern section of Warrenton.

Cost Calculation: \$ 336,000

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

BUDGET		
	Estimate	% of Total
Engineering	\$ 51,000	15%
Construction	\$ 228,000	68%
Contingency	\$ 57,000	17%
Total	\$ 336,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
029-430	\$ 336,000	100%
Total	\$ 336,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21	\$ 336,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 336,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Replace Raw Water Pipe Upstream from Raw Water Reservoir**

Project Number:

Total Project Cost: \$ 1,694,000

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

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

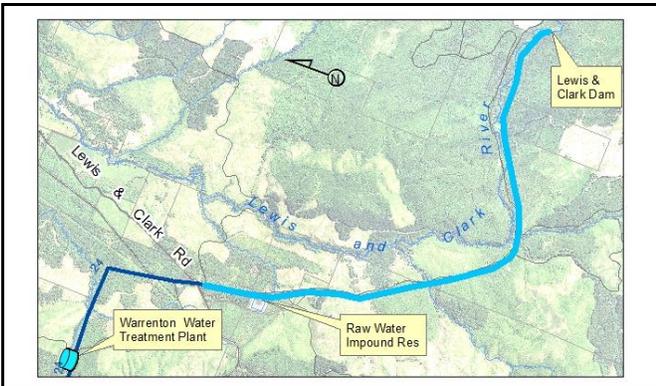
Cost Calculation: Water Master Plan

This will be funded from the Water Capital Reserve Fund.

O & M Impact:

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

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



SCHEDULE		
	Amount	% of Total
Fiscal Year 2018-19		0%
2019-20		0%
2020-21	\$ 1,694,000	100%
2021-22		0%
2022-23		0%
2023-24		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.

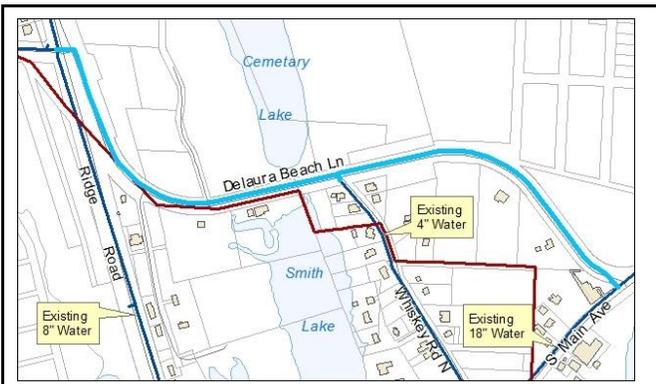
Benefits: Will provide a looped tie between the 18" WL on S Main to the 8" WL on Ridge Road improving fire flows, system redundancy, and water quality.

Cost Calculation: Eng. Estimate

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 458,000	100%
2022-23		0%
2023-24		0%
Total	\$ 458,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Recoat Epoxy Lining Inside Clearwell**

Project Number: 880001

Project Cost: \$ 1,178,000

Description: Last tank inspection showed several rust spots inside on the east side of tank. It was recommended to plan on recoating inside of tank within the next 5 years. 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			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 1,178,000	100%	029-430-880001	\$ 1,178,000	100%
Total	\$ 1,178,000	100%	Total	\$ 1,178,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 1,178,000	100%
2023-24		0%
Total	\$ 1,178,000	100%



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Sewer Utility

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of public works offices; continue work on front office, windows, and other improvements.

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

Cost Calculation: Estimate

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 10,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Fuel Depot Spill Control**

Project Number: 620092

Project Cost: \$ 10,000

Description: Design of a oil water separator and spill kit for PW fuel depot. Bring up to regulatory requirements.

Benefits: Will protect the ground water in event of a failure or spill at the fuel depot.

Cost Calculation: Estimate

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

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 10,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Automatic Gate at Public Works**

Project Number: 620093

Project Cost: \$ 15,000

Description: Installation of electric gate opener with keypad and remote key access.

Benefits: Existing gate is very heavy, not all employees can operate the gate. Will allow for quicker access to the facilities. Additional benefit for Police and Fire that need to access the fuel pumps after hours

Cost Calculation: Estimate

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

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

FUNDING SOURCES		
Source	Amount	% of Total
Parks 001-429	\$ 300	2.00%
Storm 028-430	\$ 450	3.00%
Water 029-430	\$ 6,300	42.00%
Sanitation 034-430	\$ 1,950	13.00%
Sewer 038-430	\$ 4,650	31.00%
Streets 040-431	\$ 1,350	9.00%
Total	\$ 15,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 15,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 15,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620078

Project Cost: \$867,000

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

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

Cost Calculation: \$ 867,000

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	\$867,000	100%	040-431-620078	\$367,000	42%
			038-430-620078	\$500,000	58%
Total	\$867,000	100%	Total	\$867,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 867,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$867,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SE 12th Street & Marlin Collector Line Replacement**

Project Number: 620087

Project Cost: \$ 114,000

Description: Replace existing sewer main to fix grade issues and a source of infiltration & inflow.

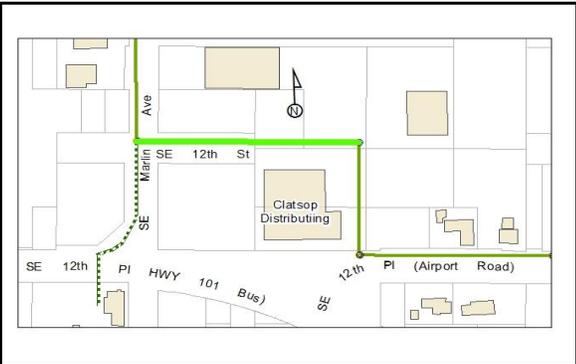
Benefits: Eliminate a source of inflow & infiltration.

Cost Calculation: Eng. Estimate

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

BUDGET		
	Estimate	% of Total
Engineering	\$ 9,000	8%
Construction	\$ 105,000	92%
Total	\$ 114,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620087	\$ 114,000	100%
Total	\$ 114,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 114,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 114,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620089

Project Cost: \$ 308,500

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

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

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of Total
Construction	\$ 308,500	100%
Total	\$ 308,500	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620089	\$ 308,500	100%
Total	\$ 308,500	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 308,500	100%
2019-20		0%
2020-21		0%
2020-22		0%
2022-23		0%
2023-24		0%
Total	\$ 308,500	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **NW Jetty Street & Pacific Avenue Pump Station Upgrade**

Project Number: 620049

Project Cost: \$ 366,800

Description: Upgrade NW Jetty Street pump station with new pumps, motors, and telemetry.

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

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of Total
Engineering	\$ 46,800	13%
Construction	\$ 320,000	87%
Total	\$ 366,800	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620049	\$ 366,800	100%
Total	\$ 366,800	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 366,800	100%
2019-20		0%
2020-21		0%
2020-22		0%
2022-23		0%
2023-24		0%
Total	\$ 366,800	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620024

Project Cost: \$ 100,000

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

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



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Septage Station Equalization**

Project Number: 620051

Project Cost: \$ 120,000

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

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

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of Total
Design	\$ 20,000	17%
Construction	\$ 100,000	83%
Total	\$ 120,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430-620051	\$ 120,000	100%
Total	\$ 120,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 20,000	17%
2019-20	\$ 100,000	83%
2020-21		0%
2020-22		0%
2022-23		0%
2023-24		0%
Total	\$ 120,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **NW Seventh Ave & Enterprise Pump Station Upgrade**

Project Number: 620052

Project Cost: \$ 306,800

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

Benefits: Reduce maintenance & lower overtime for Sewer callouts.

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of Total
Engineering	\$ 60,000	20%
Construction	\$ 246,800	80%
Total	\$ 306,800	100%

FUNDING SOURCES		
	Amount	% of Total
038-430-620052	\$ 306,800	100%
Total	\$ 306,800	100%



SCHEDULE		
	Amount	% of Total
2018-19	\$ 60,000	20%
2019-20	\$ 246,800	80%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 306,800	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Pump Station Generator Undetermined Location #1
Project Number:	620046
Project Cost:	\$ 100,000
Description:	Install stationary generator and transfer switches.
Benefits:	Onsite power generation for critical pump station. Necessary for emergency flow during extended power outages. We will focus on bottlenecks first then work outward from there.
Cost Calculation:	Estimate
O & M Impact:	This will be funded from the Sewer Capital Reserve Fund.

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



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620046

Project Cost: \$ 50,000

Description: Install stationary generator and transfer switches.

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

Cost Calculation: Estimate

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

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

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



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **4th UV Disinfection Module**

Project Number:

Project Cost: \$ 30,000

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

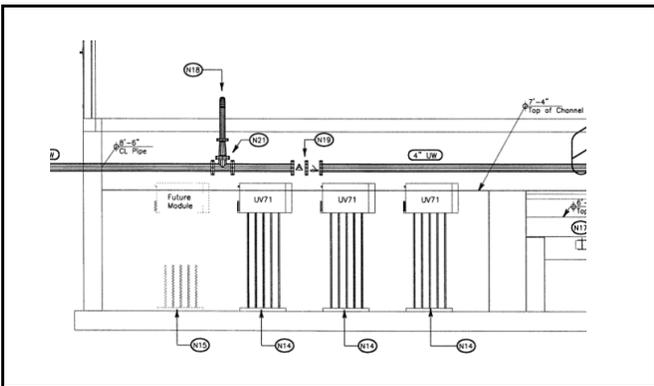
Benefits: Have funds available to purchase 4th module, increased disinfection capacity.

Cost Calculation: Estimate

O & M Impact: Funded from sewer capital fund.

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 30,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-27		0%
Total	\$ 30,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 60,000

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

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

Cost Calculation: Estimate

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

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



SCHEDULE	Amount	% of Total
Fiscal Year		
2018-19		0%
2019-20	\$ 60,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 60,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 306,800

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

Benefits: Reduce maintenance & lower overtime for Sewer callouts.

Cost Calculation: Estimate

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

BUDGET			
	Estimate	% of Total	
Engineering	\$ 60,000	20%	
Construction	\$ 246,800	80%	
Total	\$ 306,800	100%	

FUNDING SOURCES			
Source	Amount	% of Total	
038-430	\$ 306,800	100%	
Total	\$ 306,800	100%	



SCHEDULE			
Fiscal Year	Amount	% of Total	
2018-19		0%	
2019-20	\$ 60,000	20%	
2020-21	\$ 246,800	80%	
2021-22		0%	
2022-23		0%	
2023-24		0%	
Total	\$ 306,800	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

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



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

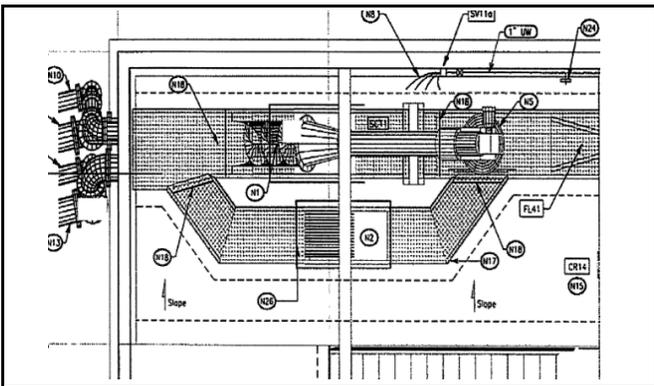
Benefits: Eliminate screenings bypass.

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
2018-19		0%
2019-20		0%
2020-21	\$ 40,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 40,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Biosolids Removal Project**

Project Number: 880001

Project Cost: \$ 500,000

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

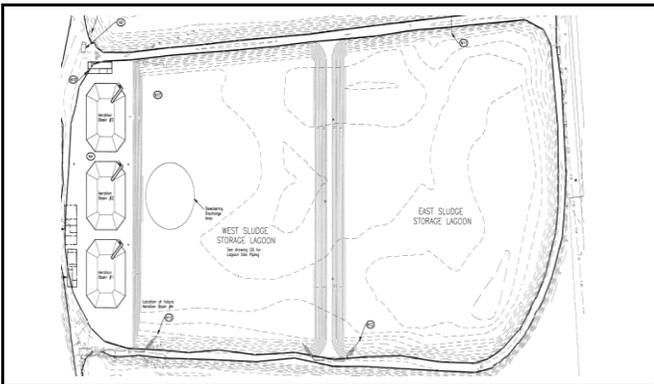
Benefits: Have fund available for biosolids disposal process and a game plan ready to go.

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
2018-19		0%
2019-20		0%
2020-21	\$ 500,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 500,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Future Pump Station Upgrade #1**

Project Number:

Project Cost: \$ 306,800

Description: Upgrade an unspecified pump station with new pumps and motors.

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

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of Total
Engineering	\$ 60,000	20%
Construction	\$ 246,800	80%
Total	\$ 306,800	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-430	\$ 306,800	100%
Total	\$ 306,800	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21	\$ 60,000	20%
2021-22	\$ 246,800	80%
2022-23		0%
2023-24		0%
Total	\$ 306,800	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Pump Station Generator Undetermined Locations #4
Project Number:	620046
Project Cost:	\$ 50,000
Description:	Install stationary generator and transfer switches
Benefits:	Onsite power generation for critical pump station. Necessary for emergency flow during extended power outages. We will focus on bottlenecks first then work outward from there.
Cost Calculation:	Estimate
O & M Impact:	This will be funded from the Sewer Capital Reserve Fund.

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

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



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Future Pump Station Upgrade #2**

Project Number:

Project Cost: \$ 306,800

Description: Upgrade an unspecified pump station with new pumps and motors.

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

Cost Calculation: Estimate

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

BUDGET	Estimate	% of Total
Engineering	\$ 60,000	20%
Construction	\$ 246,800	80%
Total	\$ 306,800	100%

FUNDING SOURCES	Amount	% of Total
Source		
038-430	\$ 306,800	100%
Total	\$ 306,800	100%



SCHEDULE	Amount	% of Total
Fiscal Year		
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 60,000	20%
2022-23	\$ 246,800	80%
2023-27		0%
Total	\$ 306,800	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

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



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Future Pump Station Upgrade 3**

Project Number:

Project Cost: \$ 306,800

Description: Upgrade an specified pump station with new pumps and motors.

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

Cost Calculation: Estimate

O & M Impact: Funding from Sewer Capital Reserve Fund

BUDGET		
	Estimate	% of Total
Engineering	\$ 60,000	20%
Construction	\$ 246,800	80%
Total	\$ 306,800	100%

FUNDING SOURCES		
	Amount	% of Total
038-430	\$ 306,800	100%
Total	\$ 306,800	100%



SCHEDULE		
	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 60,000	20%
2023-24	\$ 246,800	80%
Total	\$ 306,800	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 620046

Project Cost: \$ 50,000

Description: Install stationary generator and transfer switches .

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

Cost Calculation: Estimate

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

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

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



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 880001

Project Cost: \$ 3,000,000

Description: Construction of Treatment Plant expansion being saved for by a reserve account

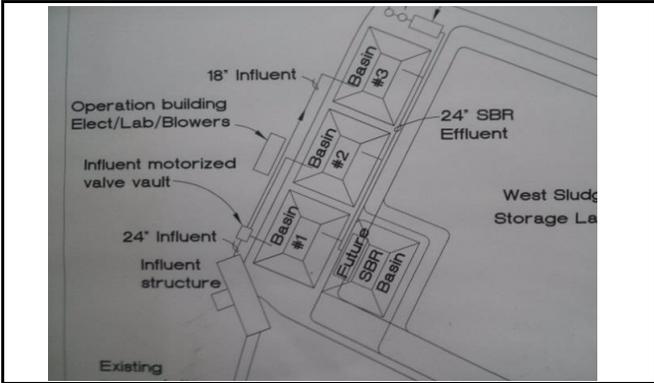
Benefits: Will avoid need to get a loan to fund capacity upgrades down the road.

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
	\$ 3,000,000	100%
Total	\$ 3,000,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
038-435-880001	\$ 3,000,000	100%
Total	\$ 3,000,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 3,000,000	100%
Total	\$ 3,000,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Future Pump Station Upgrade 4**

Project Number:

Project Cost: \$ 60,000

Description: Upgrade an specified pump station with new pumps, motors. Only engineering costs are projected for year ending 2024. Construction costs are projected for year ending 2025, which is beyond the scope of the current capital improvement program.

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

Cost Calculation:

O & M Impact:

BUDGET		
	Estimate	% of Total
Engineering	\$ 60,000	100%
Construction		0%
Total	\$ 60,000	100%

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 60,000	100%
Total	\$ 60,000	100%



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Sanitation Utility

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of public works offices; continue work on front office, windows, and other improvements.

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

Cost Calculation: Estimate

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

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

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2018-19	\$ 10,000	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	2022-23		0%
	2023-24		0%
Total	\$ 10,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Fuel Depot Spill Control**

Project Number: 620092

Project Cost: \$ 10,000

Description: Design of a oil water separator and spill kit for PW fuel depot. Bring up to regulatory requirements.

Benefits: Will protect the ground water in event of a failure or spill at the fuel depot.

Cost Calculation: Estimate

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 10,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Automatic Gate at Public Works**

Project Number: 620093

Project Cost: \$ 15,000

Description: Installation of electric gate opener with keypad and remote key access.

Benefits: Existing gate is very heavy, not all employees can operate the gate. Will allow for quicker access to the facilities. Additional benefit for Police and Fire that need to access the fuel pumps after hours.

Cost Calculation: Estimate

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

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

FUNDING SOURCES			
Source	Amount		% of Total
Parks 001-429	\$ 300		2.00%
Storm 028-430	\$ 450		3.00%
Water 029-430	\$ 6,300		42.00%
Sanitation 034-430	\$ 1,950		13.00%
Sewer 038-430	\$ 4,650		31.00%
Streets 040-431	\$ 1,350		9.00%
Total	\$ 15,000		100%



SCHEDULE			
Fiscal Year	Amount		% of Total
2018-19	\$ 15,000		100%
2019-20			0%
2020-21			0%
2021-22			0%
2022-23			0%
2023-24			0%
Total	\$ 15,000		100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SW 1st Street Recycling Center Upgrades**

Project Number: 620001

Project Cost: \$ 50,000

Description: Rebuild recycling center on SW 1st Street west of S Main Avenue.

Benefits: Improve circulation and appearances for existing recycling center and provide lighting and a paved surface to improve maintenance.

Cost Calculation: Eng. Estimate

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

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

FUNDING SOURCES		
Source	Amount	% of Total
034-430-620001	\$ 50,000	100%
Total	\$ 50,000	100%



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Truck Washout Facility**

Project Number:

Project Cost: \$ 50,000

Description:

Benefits:

Cost Calculation:

O & M Impact:

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

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



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



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Streets

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of public works offices; continue work on front office, windows, and other improvements.

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

Cost Calculation: Estimate

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

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

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2018-19	\$ 10,000	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	2022-23		0%
2023-24		0%	
Total	\$ 10,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Fuel Depot Spill Control**

Project Number: 620092

Project Cost: \$ 10,000

Description: Design of a oil water separator and spill kit for PW fuel depot. Bring up to regulatory requirements.

Benefits: Will protect the ground water in event of a failure or spill at the fuel depot.

Cost Calculation: Estimate

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 10,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 10,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Automatic Gate at Public Works**

Project Number: 620093

Project Cost: \$ 15,000

Description: Installation of electric gate opener with keypad and remote key access.

Benefits: Existing gate is very heavy, not all employees can operate the gate. Will allow for quicker access to the facilities. Additional benefit for Police and Fire that need to access the fuel pumps after hours.

Cost Calculation: Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 15,000	100%	Parks 001-429	\$ 300	2.00%
			Storm 028-430	\$ 450	3.00%
			Water 029-430	\$ 6,300	42.00%
			Sanitation 034-430	\$ 1,950	13.00%
			Sewer 038-430	\$ 4,650	31.00%
			Streets 040-431	\$ 1,350	9.00%
Total	\$ 15,000	100%	Total	\$ 15,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2018-19	\$ 15,000	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	2022-23		0%
2023-24		0%	
Total	\$ 15,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620078

Project Cost: \$ 867,000

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

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

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of Total
Construction	\$ 867,000	100%
Total	\$ 867,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431-620078	\$ 367,000	42%
038-430-620078	\$ 500,000	58%
Total	\$ 867,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 867,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 867,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620086

Project Cost: \$ 180,000

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

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

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of Total
Construction	\$ 180,000	100%
Total	\$ 180,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431-620086	\$ 180,000	100%
Total	\$ 180,000	100%

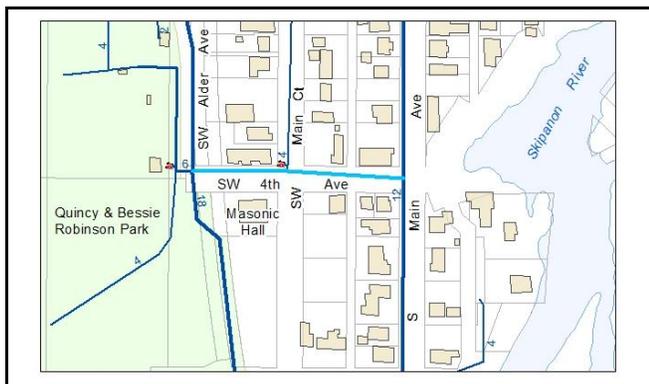


SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 180,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 180,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 836,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 836,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **NW 13th Street & Warrenton Drive Trail & Drainage Improvements**

Project Number: 620079

Project Cost: \$ 73,000

Description: Provide multi-use trail along NW 13th Street between Warrenton Drive & the River Front trail.

Benefits: Provide safer connectivity along the Columbia River Front trail between 13th Street and Carruthers Park trail connection.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from Streets Fund.

BUDGET		
	Estimate	% of Total
Construction	\$ 73,000	100%
Total	\$ 73,000	100%

FUNDING SOURCES		
	Amount	% of Total
Source		
040-431-620079	\$ 73,000	100%
Total	\$ 73,000	100%



SCHEDULE		
	Amount	% of Total
Fiscal Year		
2018-19	\$ 73,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 73,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620068

Project Cost: \$ 307,000

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: Eng. Estimate

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

BUDGET		
	Estimate	% of Total
Design	\$ 40,000	13%
Construction	\$ 267,000	87%
Total	\$ 307,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
040-431-620068	\$ 307,000	100%
Total	\$ 307,000	100%



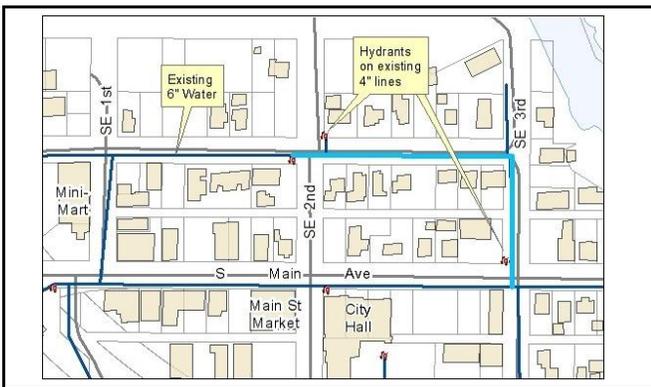
SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 40,000	13%
2019-20	\$ 267,000	87%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$307,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SE Anchor (Harbor - SE 3rd St) Improvements
Project Number:	620085
Project Cost:	\$ 1,230,000
Description:	Install new storm drain on SE Anchor, south of 1st Street, rebuild roadway, add sidewalk, and move powerline underground.
Benefits:	Improve drainage to avoid future roadway deterioration and upgrade storm systems.
Cost Calculation:	Eng. Estimate
O & M Impact:	Funding to come from Storm Water and Urban Renewal, with overlay funds from Street Maintenance.

BUDGET		
	Estimate	% of Total
Engineering	\$ 123,000	10%
Construction	\$ 1,107,000	90%
Total	\$ 1,230,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
Storm 028-430	\$ 120,000	9.8%
Streets 040-431	\$ 310,000	25.2%
Urban 200-800	\$ 800,000	65.0%
Total	\$ 1,230,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 1,230,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 1,230,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SW Alder Avenue Reconstruction Project (SW 1st - SW 3rd)**

Project Number:

Project Cost: \$ 185,000

Description: Rebuild SW Alder Avenue with curbs from 1st Street - 2nd Street and grind and overlay from 2nd - 3rd Street.

Benefits: Roadway is too narrow and is near the end of its useful life and improve drainage north of SE 2nd Street.

Cost Calculation: Eng. Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Engineering	\$ 28,000	15%	040-431	\$ 185,000	100%
Construction	\$ 157,000	85%			
Total	\$ 185,000	100%	Total	\$ 185,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 185,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 185,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 100,000

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

Benefits: Roadway has outlived its useful life.

Cost Calculation: Eng. Estimate

O & M Impact: Funded from Street Capital Fund.

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

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



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **SE Main Ct (9th - 11th) Improvement Project**

Project Number:

Project Cost: \$ 107,000

Description: Rebuild SE Main Court between SE 9th Street and SE 11th Street.

Benefits: Roadway is near the end of its useful life.

Cost Calculation: Eng. Estimate

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

BUDGET		
	Estimate	% of Total
Engineering	\$ 16,000	15%
Construction	\$91,000	85%
Total	\$107,000	100%

FUNDING SOURCES		
	Amount	% of Total
040-431	\$107,000	100%
Total	\$107,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 107,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$107,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 281,000

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: Eng. Estimate

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21	\$ 281,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 281,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 24,000

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

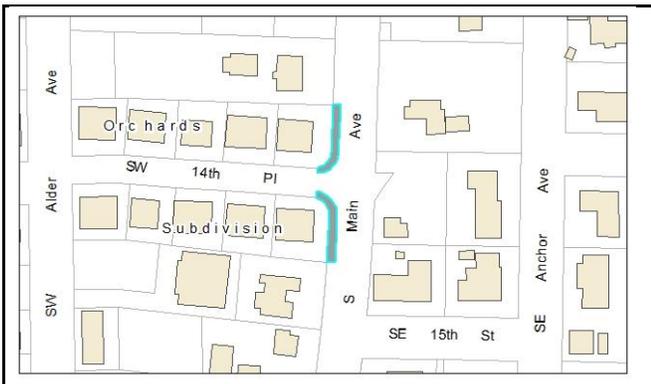
Benefits: Project is not viable without significant funding to address drainage and a realistic construction cost.

Cost Calculation: Eng. Estimate

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

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

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



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



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Storm Sewer

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$ 10,000

Description: Remodel of public works offices; continue work on front office, windows, and other improvements.

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

Cost Calculation: Estimate

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

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

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2018-19	\$ 10,000	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	2022-23		0%
2023-24		0%	
Total	\$ 10,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Fuel Depot Spill Control**

Project Number: 620092

Project Cost: \$ 10,000

Description: Design of a oil water separator and spill kit for PW fuel depot. Bring up to regulatory requirements.

Benefits: Will protect the ground water in event of a failure or spill at the fuel depot.

Cost Calculation: Estimate

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

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

	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2018-19	\$ 10,000	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	2022-23		0%
2023-24		0%	
Total	\$ 10,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Automatic Gate at Public Works**

Project Number: 620093

Project Cost: \$ 15,000

Description: Installation of electric gate opener with keypad and remote key access.

Benefits: Existing gate is very heavy, not all employees can operate the gate. Will allow for quicker access to the facilities. Additional benefit for Police and Fire that need to access the fuel pumps after hours.

Cost Calculation: Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Construction	\$ 15,000	100%	Parks 001-429	\$ 300	2.00%
			Storm 028-430	\$ 450	3.00%
			Water 029-430	\$ 6,300	42.00%
			Sanitation 034-430	\$ 1,950	13.00%
			Sewer 038-430	\$ 4,650	31.00%
			Streets 040-431	\$ 1,350	9.00%
Total	\$ 15,000	100%	Total	\$ 15,000	100%

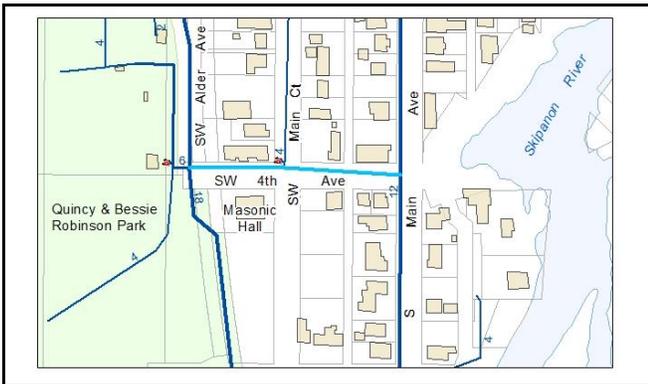
	SCHEDULE		
	Fiscal Year	Amount	% of Total
	2018-19	\$ 15,000	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	2022-23		0%
2023-24		0%	
Total	\$ 15,000	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

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

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



SCHEDULE	Amount	% of Total
Fiscal Year		
2018-19	\$ 836,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 836,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Raise Levee Low Area**

Project Number: 620069

Project Cost: \$ 10,000

Description: Raise sections of levee where we know they are currently low and will need to be raised to certify our levee system.

Benefits: Reduce flooding, flood insurance, and increase chances of levee Certification.

Cost Calculation: Eng. Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Storm Water	\$ 10,000	100%	028-430-620069	\$ 10,000	100%
Total	\$ 10,000	100%	Total	\$ 10,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 10,000	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 10,000	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: Estimates

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%

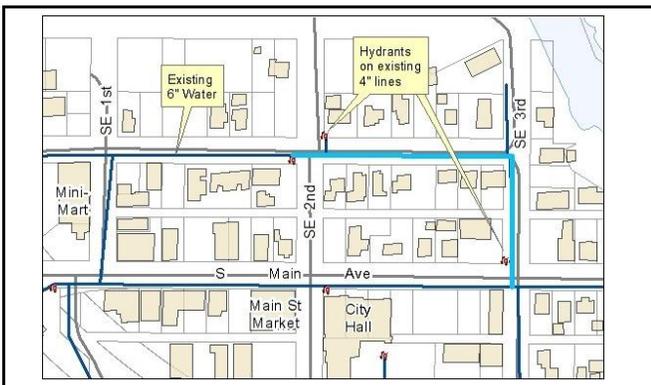
SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 50,000	16.67%
2019-20	\$ 50,000	16.67%
2020-21	\$ 50,000	16.67%
2021-22	\$ 50,000	16.67%
2022-23	\$ 50,000	16.67%
2023-24	\$ 50,000	16.67%
Total	\$ 300,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SE Anchor (Harbor - SE 3rd St) Improvements
Project Number:	620085
Project Cost:	\$ 1,230,000
Description:	Install new storm drain on SE Anchor, south of 1st Street, rebuild roadway, add sidewalk, and move powerline underground.
Benefits:	Improve drainage to avoid future roadway deterioration and upgrade storm systems.
Cost Calculation:	Eng. Estimate
O & M Impact:	Funding to come from Storm Water and Urban Renewal, with overlay funds from Street Maintenance.

BUDGET	Estimate	% of Total
Engineering	\$ 123,000	10%
Construction	\$ 1,107,000	90%
Total	\$ 1,230,000	100%

FUNDING SOURCES	Amount	% of Total
Source		
Storm 028-430	\$ 120,000	9.8%
Streets 040-431	\$ 310,000	25.2%
Urban 200-800	\$ 800,000	65.0%
Total	\$ 1,230,000	100%



SCHEDULE	Amount	% of Total
Fiscal Year		
2018-19		0%
2019-20	\$ 1,230,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 1,230,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Storm Water Master Plan Recommendations #1
Project Number:	
Project Cost:	\$ 50,000
Description:	SWMP recommendations - Address existing deficiencies in conveyance network. Replace existing driveway culverts on W Harbor St.
Benefits:	Reduce flooding and provide better drainage throughout town.
Cost Calculation:	Eng. Estimate
O & M Impact:	Funded from Storm Sewer Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Design/Planning	\$ 10,000	20%	028-430	\$ 50,000	100%
Construction	\$ 40,000	80%			
Total	\$ 50,000	100%	Total	\$ 50,000	100%

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



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 119,396

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

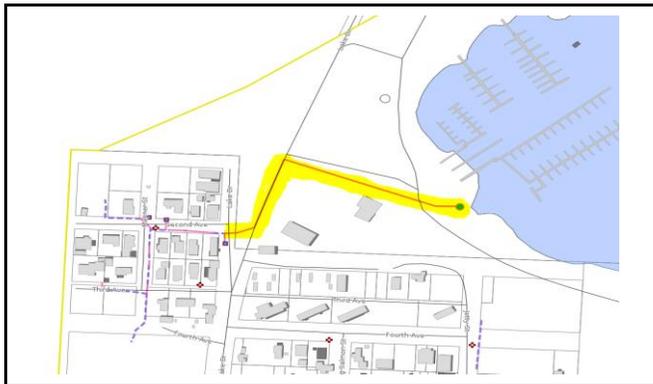
Benefits: Reduce flooding and provide better drainage throughout town.

Cost Calculation: Eng. Estimate

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

BUDGET		
	Estimate	% of Total
Design	\$ 18,000	15%
Construction	\$ 101,396	85%
Total	\$ 119,396	100%

FUNDING SOURCES		
	Amount	% of Total
Storm 028-430	\$ 50,000	42%
Storm SDC 051-410	\$ 69,396	58%
Total	\$ 119,396	100%



SCHEDULE		
	Amount	% of Total
2018-19		0%
2019-20	\$ 119,396	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 119,396	0%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Storm Water Master Plan Recommendations #3**

Project Number:

Project Cost: \$ 50,000

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

Benefits: Reduce flooding and provide better drainage throughout town.

Cost Calculation: Eng. Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Design/Planning	\$ 10,000	20%	028-430	\$ 50,000	100%
Construction	\$ 40,000	80%			
Total	\$ 50,000	100%	Total	\$ 50,000	100%



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Storm Water Master Plan Recommendations #4**

Project Number:

Project Cost: \$ 50,000

Description: SWMP recommendations - Address existing deficiencies in conveyance network.
Construct 24" pipe from SW 2nd St to SW 1st.

Benefits: Reduce flooding and provide better drainage throughout town.

Cost Calculation: Eng. Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Design/Planning	\$ 10,000	20%	028-430	\$ 50,000	100%
Construction	\$ 40,000	80%			
Total	\$ 50,000	100%	Total	\$ 50,000	100%

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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Storm Water Master Plan Recommendations #5**

Project Number:

Project Cost: \$ 50,000

Description: SWMP recommendations - Address existing deficiencies in conveyance network. Construct 24" pipe from SW 1st to W Harbor.

Benefits: Reduce flooding and provide better drainage throughout town.

Cost Calculation: Eng. Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
Design/Planning	\$ 10,000	20%	028-430	\$ 50,000	100%
Construction	\$ 40,000	80%			
Total	\$ 50,000	100%	Total	\$ 50,000	100%

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



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Public Works Equipment

**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
	\$ 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
2018-19		0%
2019-20	\$ 50,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Purchase Side Loading Garbage Truck

Project Number:

Project Cost: \$ 400,000

Description: Purchase side loading garbage truck to supplement blue truck purchased in 2011.

Benefits: 9 year truck replacement program.

Cost Calculation: New

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 400,000	100%	034-430	\$ 400,000	100%
Total	\$ 400,000	100%	Total	\$ 400,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 400,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 400,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Forklift Water Treatment Plant**

Project Number:

Project Cost: \$ 18,000

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

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

Cost Calculation: Estimate

O & M Impact: Funded from Water Capital Reserve.

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 18,000	100%	Water 029-430	\$ 18,000	100%
Total	\$ 18,000	100%	Total	\$ 18,000	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>2018-19</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2019-20</td> <td style="text-align: right;">\$ 18,000</td> <td style="text-align: right;">100%</td> </tr> <tr> <td>2020-21</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2021-22</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2022-23</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2023-24</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$ 18,000</td> <td style="text-align: right;">100%</td> </tr> </tbody> </table>	SCHEDULE			Fiscal Year	Amount	% of Total	2018-19		0%	2019-20	\$ 18,000	100%	2020-21		0%	2021-22		0%	2022-23		0%	2023-24		0%	Total	\$ 18,000	100%
SCHEDULE																												
Fiscal Year	Amount	% of Total																										
2018-19		0%																										
2019-20	\$ 18,000	100%																										
2020-21		0%																										
2021-22		0%																										
2022-23		0%																										
2023-24		0%																										
Total	\$ 18,000	100%																										

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 25,000

Description: Install a 500 gallon diesel fuel tank and transfer pump at the water treatment plant.

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

Cost Calculation: Water Master Plan

O & M Impact: Funded from Water Capital Reserve

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20	\$ 25,000	100%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 25,000	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
	\$ 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
2018-19		0%
2019-20		0%
2020-21	\$ 50,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 50,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number:

Project Cost: \$ 150,000

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

Benefits: Reduce repair and maintenance costs.

Cost Calculation: Estimate

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

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21	\$ 150,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 150,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: 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 a more reliable backhoe.

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

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



SCHEDULE		
	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21	\$ 170,000	100%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 170,000	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 2020/2021. This will be good insurance and a proactive approach in maintaining the air supply in the operations of the water facility.

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21	\$ 35,000	100%
2021-22		0%
2022-23		0%
2023-24		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		
	Estimate	% of Total
	\$ 50,000	100%
Total	\$ 50,000	100%

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



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

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **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 2020/2021. This will be good insurance or a proactive approach in maintaining the air supply in the operations of the water facility.

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 35,000	100%
2022-23		0%
Total	\$ 35,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Water Treatment Plant Lawn Mower**

Project Number:

Project Cost: \$ 45,000

Description: Purchase new mower for water treatment plant.

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

Cost Calculation: New

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

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

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



SCHEDULE		
	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 45,000	100%
2022-23		0%
2023-24		0%
Total	\$ 45,000	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
	\$ 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
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 50,000	100%
2023-24		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 2020/2021. This will be good insurance or a proactive approach in maintaining the air supply in the operations of the water facility.

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



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 35,000	100%
2023-24		0%
Total	\$ 35,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Purchase Front Loading Garbage Truck**

Project Number:

Project Cost: \$ 425,000

Description: Purchase front loading garbage truck to replace truck 42, which is a model year 2007. This is proposed as an ongoing nine-year replacement schedule.

Benefits: Replace 14-year old front loading truck.

Cost Calculation: New

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

BUDGET			FUNDING SOURCES		
	Estimate	% of Total	Source	Amount	% of Total
	\$ 425,000	100%	Sanitation 034-430	\$ 425,000	100%
Total	\$ 425,000	100%	Total	\$ 425,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23	\$ 425,000	100%
2023-24		0%
Total	\$ 425,000	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
	\$ 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
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24	\$ 50,000	100%
Total	\$ 50,000	100%



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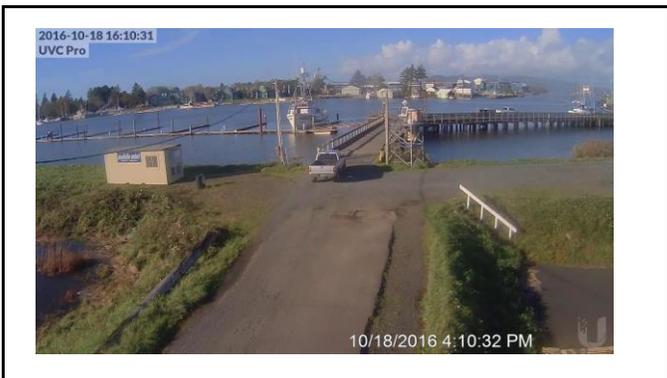
Warrenton Marina

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project:	Commercial Work Pier Improvements
Project Number:	620002
Project Cost:	\$ 275,000
Description:	Phase 1 of pier improvements to the west side of the commercial work pier.
Benefits:	Improvements as deemed necessary for load limit requirements
Cost Calculation:	Engineer Estimate
O & M Impact:	

BUDGET	Estimate	% of Total
	\$ 275,000	100%
Total	\$ 275,000	100%

FUNDING SOURCES	Amount	% of Total
Source		
012-461-620002	\$ 275,000	100%
Total	\$ 275,000	100%



SCHEDULE	Amount	% of Total
Fiscal Year		
2018-2019	\$ 275,000	100%
2019-2020		
2020-2021		
2021-2022		
2022-2023		
2023-2024		
Total	\$ 275,000	100%



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Hammond Marina

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Hammond Marina Bank Stabilization Project**
 Project Number: 620010
 Project Cost: \$ 75,000

Description: Bank Stabilization is needed between A Dock and the old Fuel Dock. This is in the current master plan.

Benefits: This will help to keep the shoreline from eroding into the marina.

Cost Calculation: Estimated

O & M Impact:

BUDGET		
	Estimate	% of Total
	\$ 75,000	100%
Total	\$ 75,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
013-461-620010	\$ 75,000	100%
Total	\$ 75,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019	\$ 75,000	100%
2019-2020		0%
2020-2021		0%
2021-2022		0%
2022-2023		0%
2023-2024		0%
Total	\$ 75,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Hammond Marina Dredging**

Project Number: 620007

Project Cost: \$ 700,000

Description: Dredge the Hammond Marina

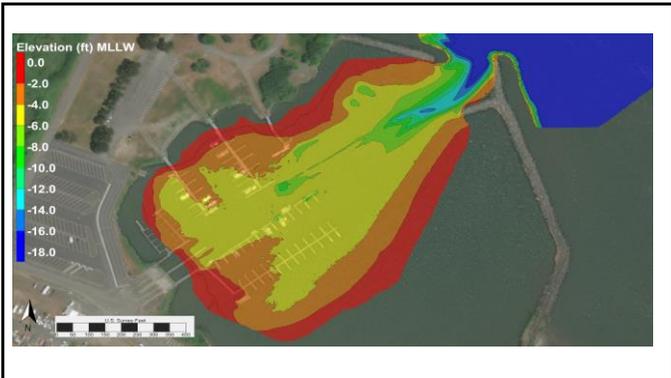
Benefits:

Cost Calculation: Estimated

O & M Impact:

BUDGET		
	Estimate	% of Total
	\$ 700,000	100%
Total	\$ 700,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
013-461-620007	\$ 700,000	100%
Total	\$ 700,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2018-2019	\$ 700,000	100%
2019-2020		0%
2020-2021		0%
2021-2022		0%
2022-2023		0%
2023-2024		0%
Total	\$ 700,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

Project: **Hammond Marina Land Acquisition**
 Project Number: 620009
 Project Cost: \$ 5,000

Description: These funds are for the transfer ownership of the leased property from the U.S. Army Corps of Engineers to the City of Warrenton for the Hammond Marina. This includes all the permits, paperwork, wages, titles, etc.

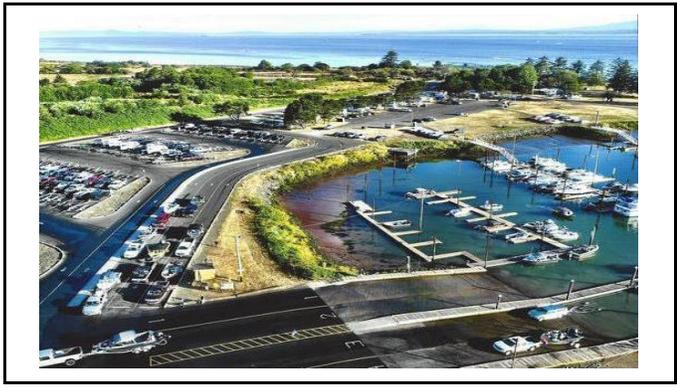
Benefits: The City of Warrenton gains ownership of the 59.2 acres at the Hammond Marina.

Cost Calculation: Estimate

O & M Impact:

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

FUNDING SOURCES		
Source	Amount	% of Total
013-461-620009	\$ 5,000	100%
Total	\$ 5,000	100%



SCHEDULE		
Fiscal Year	Amount	% of Total
2017-2018	\$ 5,000	100%
2018-2019		0%
2019-2020		0%
2020-2021		0%
2021-2022		0%
2022-2023		0%
Total	\$ 5,000	100%



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Tansy Point Dock

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Tansy Point Dock Anodes**

Project Number: 620000

Project Cost: \$ 144,678

Description: Corrosion control of Tansy Point Dock. Amount currently budgeted is set aside for this purpose. Will not be spent this year.

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	\$ 144,678	100%
Total	\$ 144,678	100%

FUNDING SOURCES		
	Amount	% of Total
072-410-620000	\$ 144,678	100%
Total	\$ 144,678	100%

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SCHEDULE		
Fiscal Year	Amount	% of Total
2018-19	\$ 144,678	100%
2019-20		0%
2020-21		0%
2021-22		0%
2022-23		0%
2023-24		0%
Total	\$ 144,678	100%