

"Making a difference through excellence of service"



CITY OF WARRENTON

CAPITAL IMPROVEMENT PROGRAM

2017 - 2022



April 12, 2016:

April 22, 2016:

April 28, 2016:

June 28, 2016:

June 28, 2016:

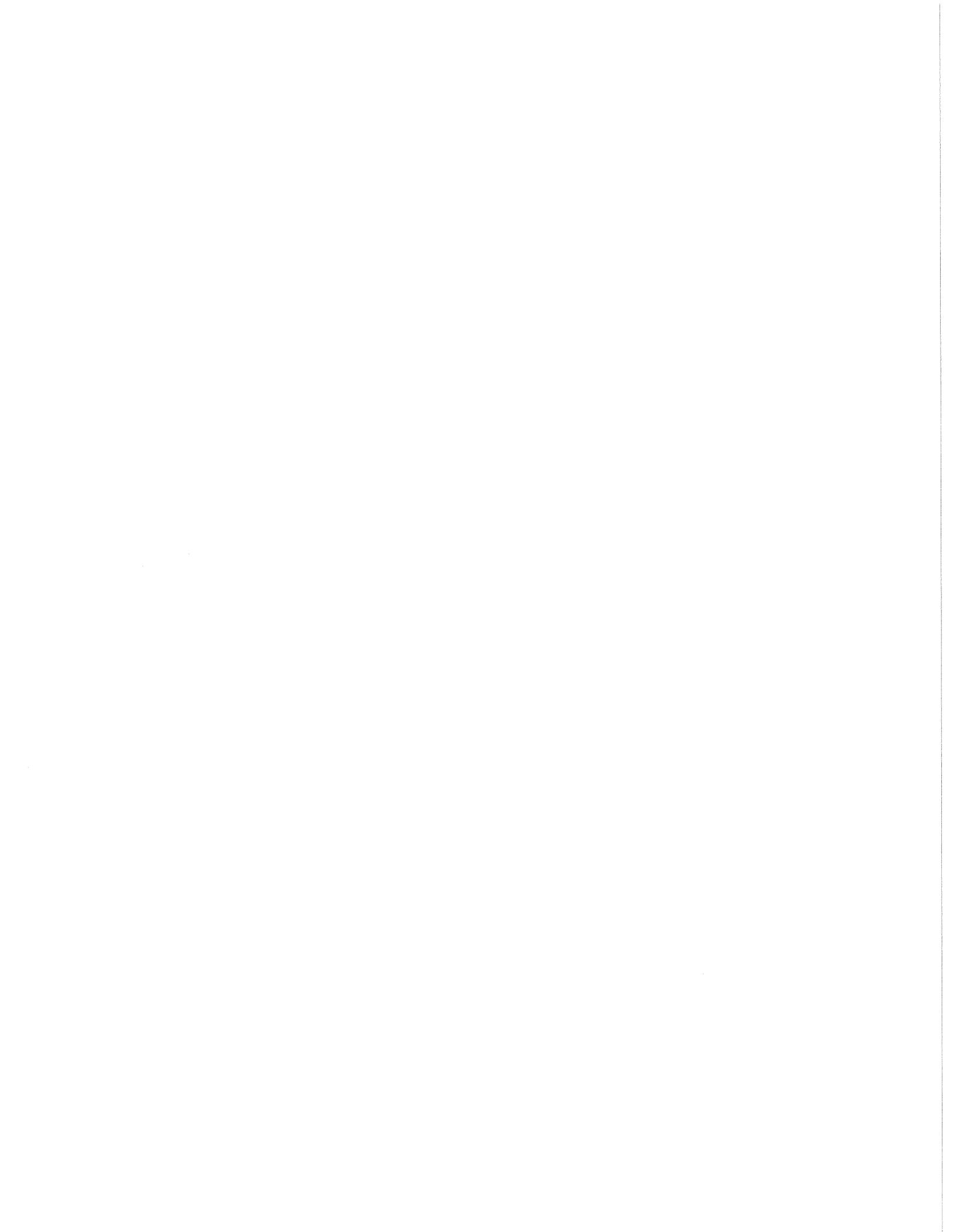
Commission Review (Work Session)

Revised and Updated

Distribute to Budget Committee

Submit to Commission for Adoption

Adopted by the City of Warrenton Commission



2017-22 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.

2017-22 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.

2017-2022 Capital Improvement Program

Secure

Pg #	TITLE	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Funding
GENERAL FUND DEPARTMENTS								
12, 22, 27, 30,36, 39	Patrol Vehicle Replacement	47,500	47,500	95,000	47,500	95,000	95,000	Y/N
13	Aerial Fire Apparatus (Ladder Truck)	808,771						Y
14	Aerial Fire Apparatus (Ladder Truck) Equipment	68,000						Y
15	Remodel of Public Works Offices	600						Y
16	NE 1st St./Skipanon Trail Improvements	10,000						Y
17	Quincy Robinson Field 4 Fencing	6,000						Y
18	QR Ballfield Maintenance Shed Electrical Service	14,000						Y
19	Quincy Robinson Park Covered Court	100,000						Y
20	Fire Apparatus Replacement - Unallocated	56,985						Y
21	Parks SDC Improvements - Unallocated	68,109						Y
23	Seafarer's Park Concept Plan		20,000					N
24	Caruthers Park Adult Exercise Stations		7,200					N
25	Fort Stevens Parade Ground Park Gazebo Replacement		65,000					N
26	Warrenton (LYCA) Soccer Field Park Concept Plan		25,000					N
28	Skipanon Riverfront Park Playground Equipment			60,000				N
29	Triangle Park Landscape Enhancements			37,500				N
31	Seafarers Park Trail Connection				158,400			N
32	Skipanon Riverfront Park Interpretive Sign				5,000			N
33	Shed for Community Garden				5,000			N
34	ADA Accessibility Improvements at the Library				9,000			N
35	Pacific Park Trail Connections				44,200			N
37	Skipanon Riverfront Park Landscape Improvements					315,000		N
38	Warrenton (LYCA) Soccer Field Trail Connections Park Trail					158,400		N
40	Park Host site at Quincy Robinson Park						35,000	N
41	QR Park Concession Stand						130,000	N
	TOTAL GENERAL FUND	1,179,965	164,700	192,500	269,100	568,400	260,000	

WATER UTILITY								
44	Remodel of Public Works Offices	8,200						Y
45	Cullaby Lake Lane Water Main Shut Off Valves	5,000						Y
46	Hammond Water Line NW Warrenton Drive 18" Waterline	1,630,000						Y
47	24" Raw Water Shut Off Valve	18,000						Y
48	NW Cedar Ct Improvement Project (Warrenton - NW 5th St)	25,000						Y
49	Water SDC Improvements - Unallocated	54,850						Y
50	Raw Waterline Replacement Program		155,000	155,000	165,000	165,000	236,091	N
51	SW 4th Street (S Main Ave - SW Alder Ct)		58,000					N
52	SE Anchor (Harbor - SE 3rd St) Improvements		82,000					N
53	SE Galina Ave. Waterline Upgrade (E Harbor - SE 7th St.)		244,000					N
54	Water Model Study Upgrade			25,000				N
55	Ridge Road 10" Water Main (Pacific - KOA)			250,000				N
56	Fifth Avenue Water Main (300 If West of Heceta Place)			65,000				N
57	SE Marlin Ave. 18" Waterline (SE 7th - E Harbor)				336,000			N
58	Water Treatment Plant Filter Replacement Reserve Fund				1,320,000			N
59	Recoat Epoxy Lining Inside 3.5 Million Gallon Steel Reservoir				200,000			N
60	Delaura Beach 18" Waterline (S Main - Ridge Rd)					458,000		N
61	Fort Stevens Park Waterline Extension to Museum					71,000		N
62	Sixth Avenue 8" Water Main (Lake - Jetty)						72,000	N
63	Sixth Avenue 8" Water Main (Jetty - Iredale)						65,000	N
64	Sixth Avenue 8" Water Main (Iredale - Heceta Street)						90,000	N
	TOTAL WATER FUND	1,741,050	539,000	495,000	2,021,000	694,000	463,091	

TOTAL ALL FUNDS THIS PAGE

2,921,015 703,700 687,500 2,290,100 1,262,400 723,091

2017-2022 Capital Improvement Program

Pg #

TITLE

FISCAL YEAR 2016-2017 FUNDING SOURCE SUMMARY

GENERAL FUND DEPARTMENTS		Capital Reserves	SDC	Debt GO Bond	Grants	Quincy Robinson	General Fund	Total
12, 22, 27, 30,36, 39	Patrol Vehicle Replacement	47,500						47,500
13	Aerial Fire Apparatus (Ladder Truck)	808,771						808,771
14	Aeial Fire Apparatus (Ladder Truck) Equipment	68,000						68,000
15	Remodel of Public Works Offices						600	600
16	NE 1st St./Skipanon Trail Improvements					10,000		10,000
17	Quincy Robinson Field 4 Fencing					6,000		6,000
18	QR Ballfield Maintenance Shed Electrical Service					14,000		14,000
19	Quincy Robinson Park Covered Court					100,000		
20	Fire Apparatus Replacement - Unallocated	56,985						56,985
21	Parks SDC Improvements - Unallocated		68,109					68,109
<i>Funding Source Totals</i>		981,256	68,109			130,000	600	1,079,965

WATER UTILITY		Capital Reserve	SDC	Debt Loans	Grants	Capital Contribution	Total
44	Remodel of Public Works Offices	8,200					8,200
45	Cullaby Lake Lane Water Main Shut Off Valves	5,000					5,000
46	Hammond Water Line NW Warrenton Drive 18" Waterline			1,222,500	407,500		1,630,000
47	24" Raw Water Shut Off Valve	18,000					18,000
48	NW Cedar Ct Improvement Project (Warrenton - NW 5th St)	25,000					25,000
49	Water SDC Improvements - Unallocated		54,850				54,850
<i>Funding Source Totals</i>		56,200	54,850	1,222,500	407,500		1,741,050

COLUMN TOTALS THIS PAGE

1,037,456 122,959 1,222,500 407,500 130,000 600 2,821,015

2017-2022 Capital Improvement Program

Pg #	TITLE	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Secure Funding
SEWER UTILITY								
67	Remodel of Public Works Offices	6,600						Y
68	3rd and Main Pump Station Generator and Others	50,000						Y
69	Core Conveyance Sewer Improvements	1,613,504						Y
70	Ensign Pump Station Rebuild Project	306,800						Y
71	SE 12th St. & Marlin Collector Line Replacement	104,000						Y
72	SE 2nd St. & Marlin Avenue Pump Station	308,500						Y
73	Flow Meter 3rd and Main Ave. Pump Station	10,000						Y
74	Biosolids Removal Project	30,000						Y
75	Sewer SDC Improvements - Unallocated	111,163						Y
76	WWTP North Lagoon Decommissioning	8,000	25,000					Y/N
77	NW Jetty St. & Pacific Ave. Pump Station Upgrade		306,800					N
78	Pump Station Generator Undetermined Location		50,000					N
79	NW Seventh Ave. & Enterprise Pump Station Upgrade			306,800				N
80	4th UV Disinfection Module			30,000				N
81	Ultraviolet (UV) PLC Upgrade			60,000				N
82	SE Marlin & 101 (Putnam) Pump Station Upgrade				306,800			N
83	Fourth (4th) SBR Basin Construction Project				500,000			Y
84	Future Pump Station Upgrade					306,800		N
85	WWTP Headworks Parallel Finescreen Project					40,000		N
86	Future Pump Station Upgrade						306,800	N
87	Biosolids Removal Project						500,000	Y
	TOTAL SEWER FUND	2,548,567	381,800	396,800	806,800	346,800	806,800	
SANITATION								
90	Remodel of Public Works	5,500						
91	SW 1st Street Recycling Center Upgrades	70,000						
	TOTAL SANITATION	75,500						
STREETS								
94	Remodel of Public Works Offices	600						Y
95	NE Skipanon improvement Project (Main - 1800ft North)	143,000						Y
96	NW Cedar Ct Improvement Project (Warrenton-NW 5th St)	145,000						Y
97	N Main/NW 7th Place Improvements	367,000						Y
98	NW 13th St. & Warrenton Dr. Trail & Drainage Improvements	73,000						Y
99	DeLaura Beach Trail	207,770						Y
100	SW 3rd Street Improvement Project (Main Court - Main Ave)	66,960						Y
101	SE 2nd St (SE King-Marlin)	225,000						Y
102	Quick Fix Funds - Hammond Post Office	90,000						Y
103	Streets SDC Improvements - Unallocated	627,047						Y
104	SW 2nd Street (Elm - Gardenia)	48,000	267,000					Y/N
105	Quick Fix Funds - E Harbor St. Sidewalks to Highway 101	100,000	100,000	100,000	100,000	100,000	100,000	Y/N
106	SE Ancor (Harbor - SE 3rd St) Improvements		210,000					N
107	SW 4th St (S Main Ave - SW Alder Ct)		118,000					N
108	SW Alder Ave Reconstruction Project (SW 1st - SW 3rd)		185,000					N
109	SE 2nd St (SE Marlin - Warrenton Commercial Center)			100,000				N
110	SE Main Ct (9th - 11th) Improvement Project			107,000				N
111	SE 2nd St Improvement Project (Main-Skipanon River Park)				281,000			N
112	S Main Ave & SW 14th Place (Orchard Subdivision) Sidewalks				24,000			N
	TOTAL STREET FUND	2,093,377	880,000	307,000	405,000	100,000	100,000	
TOTAL ALL FUNDS THIS PAGE		4,717,444	1,261,800	703,800	1,211,800	446,800	906,800	

2015-2016 PROJECT STATUS

GENERAL FUND

Police Department Building Completion Project	This project will likely be completed by June 30, 2016.
Sound System	The sound system installation was completed in August of 2015.
Police Vehicle Replacement Equipment-Unallocated	No expenditures were made from this fund during this year.
Fire Apparatus Replacement Improvements-Unallocated	No expenditures were made from this fund during this year.
Soccer Field Playground Equipment	Playground equipment has been ordered and will be installed by LCYSA.
QR Ballfield Maintenance Shed Electrical Service	This project will be carried forward to the 2016-17 fiscal year.
QR Ballfield 4 Drainage repair	This project was completed in January 2016.
Quincy Robinson Ball Field 3 Drainage	This project was completed in October 2015.
Park SDC Improvements-Unallocated	This funding is for improvements to the Parks. No projects were funded with this revenue stream this year.

WATER FUND

NW Cedar Ct (NW Warrenton-NE 5th St)	This project will be carried forward to the 2016-17 fiscal year.
NW Warrenton Drive 18-inch Waterline	This project will be carried forward to the 2016-17 fiscal year.
Water SDC Improvements-Unallocated	This funding is for improvements to the water system. No projects were funded with this revenue stream this year.

SEWER FUND

Core Conveyance	This project will be carried forward to the 2016-17 fiscal year.
Ensign Pump Station Rebuild	This project will be carried forward to the 2016-17 fiscal year.
SE 12th Street & Marlin Collector Line Repair	This project will be carried forward to the 2016-17 fiscal year.
Infiltration & Inflow (I&I) Reduction Program	This project will not be carried forward.
WWTP North Lagoon Decommissioning	This project will be carried forward to the 2016-17 fiscal year.
SE 2nd Street & Marlin Ave Pump Station Upgrade	This project will be carried forward to the 2016-17 fiscal year.
In-Plant Pump Station Flowmeter	This project was completed in February 2016.
Sewer SDC Improvements-Unallocated	This funding is for improvements to the sewer system. No projects were funded with this revenue stream this year.

SANITATION FUND

SW 1st Street Recycling Center Upgrades	This project will be carried forward to the 2016-17 fiscal year.
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2015-2016 PROJECT STATUS

STREETS

SW Delaura Beach Trail	This project will be carried forward to the 2016-17 fiscal year
Hammond Post Office /E Harbor Sidewalks	This project will be carried forward to the 2016-17 fiscal year
NW Cedar Ct (NW Warrenton-NE 5th St)	This project will be carried forward to the 2016-17 fiscal year
Improve Chokeberry Ave (220 lf north of SE 19th St)	Project was completed in November, 2015
NW 13th St & Warrenton Dr Trail and Drainage	This project will be carried forward to the 2016-17 fiscal year
SW 3rd St Improvement (Main Ct - Main Ave)	This project will be carried forward to the 2016-17 fiscal year
N Main/NW 7th Place Improvements	This project will not be going forward at this point.
Streets SDC Improvements-Unallocated	This funding is for improvements to the streets. No projects were funded with this revenue stream this year.

STORM SEWER

SE 4th & Main Stormwater Pump Station Rebuild	This project will be carried forward to the 2016-17 fiscal year
NW 13th St & Warrenton Dr Trail and Drainage	This project will be carried forward to the 2016-17 fiscal year
SW 3rd St Improvement Project (Main Ct-Main Ave)	This project will be carried forward to the 2016-17 fiscal year
Tidegate Replacement Program	This is an ongoing project and will be carried over to 2016-17.
Storm Sewer SDC Improvements-Unallocated	This funding is for improvements to the storm sewer. No projects were funded with this revenue stream this year.

PUBLIC WORKS EQUIPMENT

1-Ton Service Truck	A Public Works truck was purchased in April of 2016
Front Load Garbage Truck	A gabage truck has been ordered and will be delivered by the end of this fiscal year, June 30, 2016

WARRENTON MARINA

E-Dock Electrical Upgrade	This project is currently under bid, expected to be completed by June 2016.
Marina Improvements-Unallocated	This funding is for improvements to the Warrenton Marina. No projects were funded with this revenue stream this year.

HAMMOND MARINA

Bank Stabilization Project	This project was completed in February 2016
Marina Acquisition Costs	There have been no expenditures from this fund during the 2015-16 fiscal year.
Marina Improvements-Unallocated	This funding is for improvements to the Hammond Marina. No projects were funded with this revenue stream this year.

TANSY POINT DOCK

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

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: Patrol Vehicle Replacement
Project Number: FY 2016-2017 #1
Project Cost: \$47,500

Description:
 This is an ongoing project to replace patrol aged patrol cars.

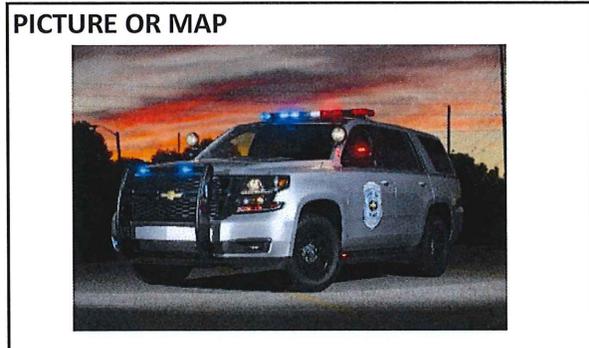
Benefits:
 Improve officer/equipment safety, reduce repair & maintenance costs, improve public image.

Cost Calculation:
 Estimates based on informal quotes from vendors for vehicles + installation of equipment/decals from previous purchase.

O & M Impact:
 Should help minimize costs as the vehicles will be new and still under warranty for three years.

BUDGET		
	Estimate	% of total
2016 Patrol Vehicle	47,500	100%

FUNDING SOURCES		
Source	Amount	% of total
070-495-610000	47,500	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2016-2017	47,500	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Aerial Fire Apparatus (ladder truck)

Project Number: #1

Project Cost: Estimated Cost: \$808,771

Description: As a result of the construction of a number of large square footage commercial buildings with more planned for the future, the City will need to acquire an aerial fire apparatus, or ladder truck to improve the operational capabilities of the fire department and to maintain the current fire insurance rating of the City.

Benefits: As noted above.

Cost Calculation: Estimated Cost \$808,771

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Equipment	\$808,771		Fire Apparatus Replace Fund 071-495-610006	\$808,771	100%
			TOTAL		

PICTURE OR MAP		SCHEDULE		
		Fiscal Year	Amount	% of total
		2016-2017	\$808,771	100%
		2017-2018		
		2018-2019		
		2019-2020		
		2020-2021		
		2021-2022		

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Aerial Fire Apparatus (ladder truck) equipment

Project Number: #2

Project Cost: Estimated Cost: \$68,000

Description: As a result of the construction of a number of large square footage commercial buildings with more planned for the future, the City will need to acquire an aerial fire apparatus, or ladder truck to improve the operational capabilities of the fire department and to maintain the current fire insurance rating of the City. This line item is to equip the ladder truck with necessary equipment.

Benefits: As noted above.

Cost Calculation: Estimated Cost \$68,000

O & M Impact: None

BUDGET		
	Estimate	% of total
Equipment	\$68,000	

FUNDING SOURCES		
Source	Amount	% of total
Fire Apparatus Replace Fund		
071-495-610006	\$68,000	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2016-2017	\$68,000	100%
2017-2018		
2018-2019		
2019-2020		
2020-2021		
2021-2022		

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$23,504.00

Description: Remodel of public works offices creating additional office space and improving Hvac system.

Benefits: Provide space now that we have City Engineer as well as limiting free access of public to office area.

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
Engineering		0%	Parks 001-429	\$ 600.00	3%
Construction	\$23,504.00	100%	Storm 028-430	\$ 2,004.00	9%
			Water 029-430	\$ 8,200.00	35%
			Sanitation 034-430	\$ 5,500.00	23%
			Sewer 038-430	\$ 6,600.00	28%
			Streets 040-431	\$ 600.00	3%
TOTAL	\$23,504.00	100%	TOTAL	\$ 23,504.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 23,504.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 23,504.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **NE 1st Street/Skipanon Trail Improvements**

Project Number: **620005**

Project Cost: **\$ 10,000.00**

Description: **Provide multi-use trail along NE 1st Street between Skipanon Drive & Warrenton Drive (Main Street). To be completed after the Core Conveyance sewer line is installed along NW 1st Street.**

Benefits: **Provide connectivity from the Columbia River Front trail to the Warrenton Marina**

Cost Calculation: **Eng Estimate**

O & M Impact: **Funded from Quincy Robinson Fund**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 10,000.00	100%	QR Fund 065-429	\$ 10,000.00	100%
					0%
					0%
					0%
					0%
TOTAL	\$ 10,000.00	100%	TOTAL	\$ 10,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 10,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	TOTAL	\$ 10,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Quincy Robinson Field 4 Fencing**

Project Number: **620081**

Project Cost: **\$ 6,000.00**

Description: **Fencing for baseball field 4 at Quincy Robinson park.**

Benefits: **Separation of outfield from parking area.**

Cost Calculation: **Eng Estimate**

O & M Impact: **Funded from Quincy Robinson Fund**

BUDGET		
	Estimate	% of total
	\$ 6,000.00	100%
TOTAL	\$ 6,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429	\$ 6,000.00	100%
		0%
		0%
		0%
TOTAL	\$ 6,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 6,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 6,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **QR Ballfield Maintenance Shed Electrical Service**

Project Number: **620084**

Project Cost: **\$ 14,000.00**

Description: **Provide electrical service for new maintenance shed at Quincy Robinson Park.**

Benefits: **Improve utilization of Parks Equipment Shed and allow for storage of Warrenton Kids baseball equipment in existing Concession Building.**

Cost Calculation: **WKI**

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 14,000.00	100%	QR Fund	\$ 14,000.00	100%
			065-429-620084		
TOTAL	\$ 14,000.00	100%	TOTAL	\$ 14,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 14,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL		\$ 14,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Quincy Robinson Park Covered Court**

Project Number: **620086**

Project Cost: **\$100,000.00**

Description: **To begin process of covering existing court area at Quincy and Betsy Robison Park.**

Benefits: **Provide covered area for year round activities**

Cost Calculation: **Committee Proposal**

O & M Impact: **Funding from Quincy Robinson fund**

BUDGET	Estimate	% of total
Design & Plan	\$ 25,000.00	25%
Construction	\$ 75,000.00	75%
TOTAL	\$100,000.00	100%

FUNDING SOURCES	Amount	% of total
Source 065-429	\$ 100,000.00	100%
TOTAL	\$ 100,000.00	100%



SCHEDULE	Amount	% of total
Fiscal Year 2016-17	\$ 100,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 100,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Fire Apparatus Replacement - Unallocated
Project Number: FY 2016-2017
Project Cost: \$56,985

Description:
 Reserved for future scheduled purchases

Benefits:

Cost Calculation:

O & M Impact:

BUDGET			FUNDING SOURCES		
	Estimate	% of total		Amount	% of total
071-495-610000	\$ 56,985	100%	071-495-610000	\$ 56,985	100%

PICTURE OR MAP	SCHEDULE																								
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%; text-align: center;">Amount</th> <th style="width: 25%; text-align: center;">% of total</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px 5px;">Fiscal Year</td> <td></td> <td></td> </tr> <tr> <td style="padding: 2px 5px;">2016-17</td> <td style="text-align: center; padding: 2px 5px;">\$ 56,985</td> <td style="text-align: center; padding: 2px 5px;">100%</td> </tr> <tr> <td style="padding: 2px 5px;">2017-18</td> <td></td> <td></td> </tr> <tr> <td style="padding: 2px 5px;">2018-19</td> <td></td> <td></td> </tr> <tr> <td style="padding: 2px 5px;">2019-20</td> <td></td> <td></td> </tr> <tr> <td style="padding: 2px 5px;">2020-21</td> <td></td> <td></td> </tr> <tr> <td style="padding: 2px 5px;">2021-22</td> <td></td> <td></td> </tr> </tbody> </table>		Amount	% of total	Fiscal Year			2016-17	\$ 56,985	100%	2017-18			2018-19			2019-20			2020-21			2021-22		
	Amount	% of total																							
Fiscal Year																									
2016-17	\$ 56,985	100%																							
2017-18																									
2018-19																									
2019-20																									
2020-21																									
2021-22																									

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Park Improvements eligible for SDC funding
Project Number: FY 2016-2017
Project Cost: \$68,109

Description:
 Unallocated SDC revenue funded improvements.

Benefits:

Cost Calculation:

O & M Impact:

BUDGET		
	Estimate	% of total
Park Improvements	68,109	100%

FUNDING SOURCES		
Source	Amount	% of total
SDC Fund 003 003-410-620000	68,109	100%

PICTURE OR MAP

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	68,109	100%
2017-18		
2018-19		
2019-20		
2020-21		
2021-22		

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: Patrol Vehicle Replacement
Project Number: FY 2017-2018 #1
Project Cost: \$47,500

Description:
 This is an ongoing project to replace patrol aged patrol cars.

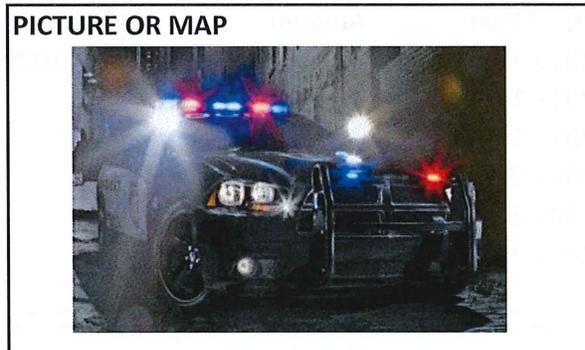
Benefits:
 Improve officer/equipment safety, reduce repair & maintenance costs, improve public image.

Cost Calculation:
 Estimates based on informal quotes from vendors for vehicles + installation of equipment/decals from previous purchase.

O & M Impact:
 Should help minimize costs as the vehicles will be new and still under warranty for three years.

BUDGET		
	Estimate	% of total
2017 Patrol Vehicle	47,500	100%

FUNDING SOURCES		
Source	Amount	% of total
070-495-610000	47,500	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2017-2018	47,500	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 6200__

Project Cost: \$ 20,000.00

Description: Concept plan for seafarer's park

Benefits: Lay out master plan for seafarer's park

Cost Calculation: Estimate

O & M Impact: Funded from Quincy Robinson Trust

BUDGET		
	Estimate	% of total
Engineering	\$ 20,000.00	100%
TOTAL	\$ 20,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429	\$ 20,000.00	100%
TOTAL	\$ 20,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 20,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 20,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Caruthers Park Adult Exercise Stations**

Project Number: **620000**

Project Cost: **\$ 7,200.00**

Description: **Install Playground Equipment in Park to enhance existing play area.**

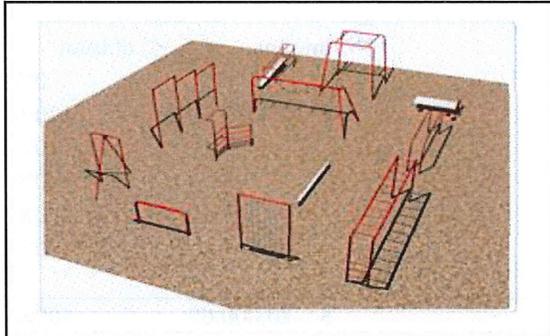
Benefits: **Improve safety & usage of Park**

Cost Calculation: **PMP**

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

BUDGET		
	Estimate	% of total
	\$ 7,200.00	100%
TOTAL	\$ 7,200.00	100%

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429	\$ 7,200.00	100%
TOTAL	\$ 7,200.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 7,200.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 7,200.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Fort Stevens Parade Ground Park Gazebo Replacement**

Project Number: **620000**

Project Cost: **\$ 65,000.00**

Description: **Replace picnic table gazebo that was torn down due to disrepair.**

Benefits: **Improve appearance and usage of Park**

Cost Calculation: **PMP**

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 65,000.00	100%	QR Fund 065-429	\$ 65,000.00	100%
TOTAL	\$ 65,000.00	100%	TOTAL	\$ 65,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18	\$ 65,000.00	100%
	2018-19		0%
	2019-20		0%
	2020-21		0%
2021-22		0%	
TOTAL	\$ 65,000.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620000**

Project Cost: **\$ 25,000.00**

Description: **Concept plan for Warrenton Soccer field park**

Benefits: **Provide master planning for the Soccer field park**

Cost Calculation: **PMP**

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 25,000.00	100%	QR Fund 065-429	\$ 25,000.00	100%
TOTAL	\$ 25,000.00	100%	TOTAL	\$ 25,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18	\$ 25,000.00	100%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL		\$ 25,000.00	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Patrol Vehicle Replacement
Project Number: FY 2018-2019 #1
Project Cost: \$95,000

Description:
 This is an ongoing project to replace patrol aged patrol cars.

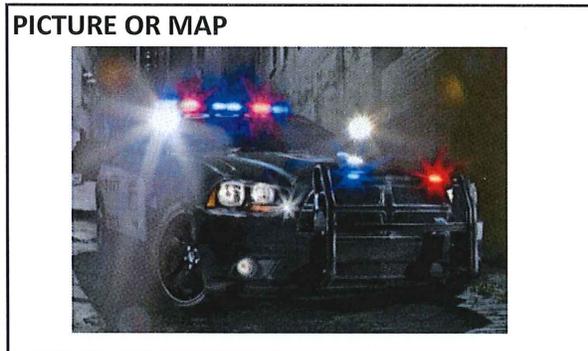
Benefits:
 Improve officer/equipment safety, reduce repair & maintenance costs, improve public image.

Cost Calculation:
 Estimates based on informal quotes from vendors for vehicles + installation of equipment/decals from previous purchase.

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	47,500	50%
2018 Patrol Vehicle	47,500	50%

FUNDING SOURCES		
Source	Amount	% of total
070-495-610000	95,000	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2018-2019	95,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Skipanon Riverfront Park Playground Equipment**

Project Number: **620000**

Project Cost: **\$ 60,000.00**

Description: **Install Playground Equipment in Park**

Benefits: **Improve safety & usage of Park**

Cost Calculation: **PMP**

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 60,000.00	100%	QR Fund 065-429	\$ 60,000.00	100%
TOTAL	\$ 60,000.00	100%	TOTAL	\$ 60,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18		0%
	2018-19	\$ 60,000.00	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	TOTAL	\$ 60,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Triangle Park Landscape Enhancements**

Project Number: **620000**

Project Cost: **\$37,500.00**

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

Benefits: **Beautification/restoration of landscape**

Cost Calculation: **PMP**

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

BUDGET		
	Estimate	% of total
	\$37,500.00	100%
TOTAL	\$37,500.00	100%

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429	\$ 37,500.00	100%
TOTAL	\$ 37,500.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 37,500.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 37,500.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: Patrol Vehicle Replacement
Project Number: FY 2019-2020 #1
Project Cost: \$47,500

Description:
 This is an ongoing project to replace patrol aged patrol cars.

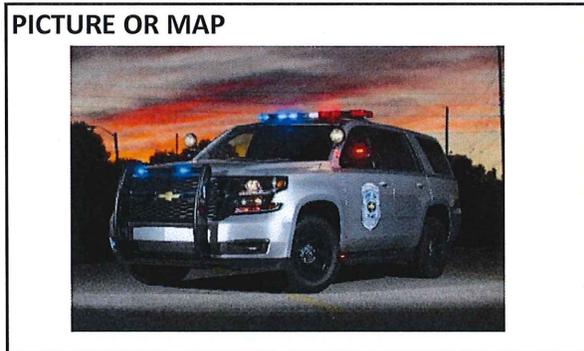
Benefits:
 Improve officer/equipment safety, reduce repair & maintenance costs, improve public image.

Cost Calculation:
 Estimates based on informal quotes from vendors for vehicles + installation of equipment/decals from previous purchase.

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	47,500	100%

FUNDING SOURCES		
Source	Amount	% of total
070-495-610000	47,500	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2019-2020	47,500	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Seafarers Park Trail Connection**

Project Number: **620000**

Project Cost: **\$ 158,400.00**

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

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

Cost Calculation: **PMP**

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 158,400.00	100%	QR Fund 065-429	\$ 158,400.00	100%
TOTAL	\$ 158,400.00	100%	TOTAL	\$ 158,400.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18		0%
	2018-19		0%
	2019-20	\$ 158,400.00	100%
	2020-21		0%
	2021-22		0%
TOTAL		\$ 158,400.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Skipanon Riverfront Park Interpretive Sign**

Project Number: 620000

Project Cost: \$ 5,000.00

Description: Install interpretive signage in park

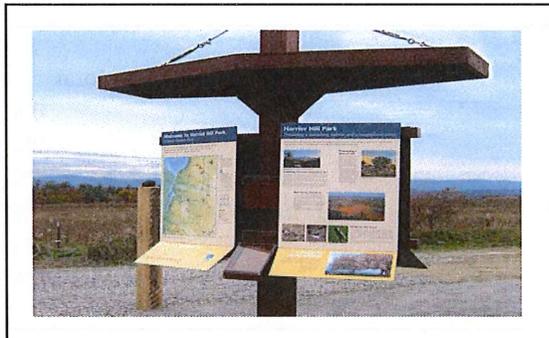
Benefits: Provide information about area and park

Cost Calculation: PMP

O & M Impact: Funding from Quincy Robinson Fund

BUDGET		
	Estimate	% of total
	\$ 5,000.00	100%
TOTAL	\$ 5,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429	\$ 5,000.00	100%
TOTAL	\$ 5,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 5,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 5,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Shed for the Community Garden**

Project Number: 6200__

Project Cost: \$ 5,000.00

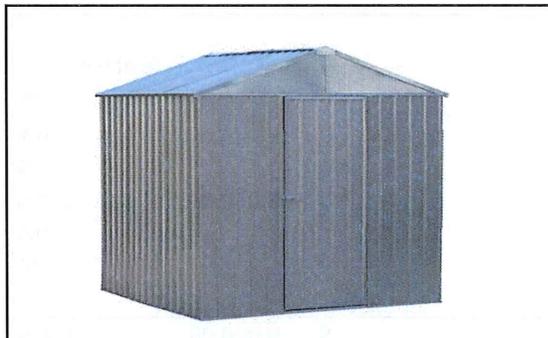
Description: Provide a shed for the community garden

Benefits: Place to store and secure garden tools and materials

Cost Calculation: Estimate

O & M Impact: Funded from Quincy Robinson Trust

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering			QR Fund 065-429	\$ 5,000.00	100%
Construction	\$ 5,000.00	100%			
TOTAL	\$ 5,000.00	100%	TOTAL	\$ 5,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 5,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 5,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **ADA Accessibility Improvements at the library**

Project Number: 6200__

Project Cost: \$ 9,000.00

Description: ADA improvements at the Warrenton Library

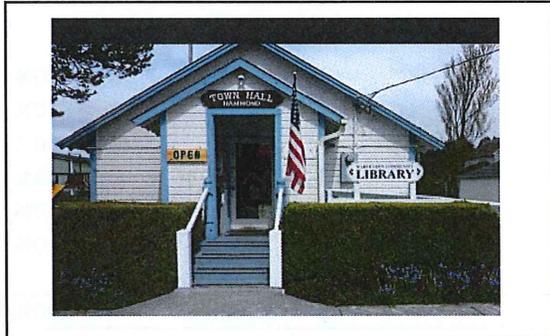
Benefits: Bring the building up to ADA standards. Improve access to library for the disabled

Cost Calculation: Estimate

O & M Impact: Funded From Quincy Robinson Trust

BUDGET	Estimate	% of total
Engineering		
Construction	\$ 9,000.00	100%
TOTAL	\$ 9,000.00	100%

FUNDING SOURCES	Amount	% of total
Source		
QR Fund 065-429	\$ 9,000.00	100%
TOTAL	\$ 9,000.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 9,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 9,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Pacific Park Trail Connections**

Project Number: **620000**

Project Cost: **\$ 44,200.00**

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
	\$ 44,200.00	100%
TOTAL	\$ 44,200.00	100%

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429	\$ 44,200.00	100%
TOTAL	\$ 44,200.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 44,200.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 44,200.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: Patrol Vehicle Replacement
Project Number: FY 2020-2021 #1
Project Cost: \$95,000

Description:
 This is an ongoing project to replace patrol aged patrol cars.

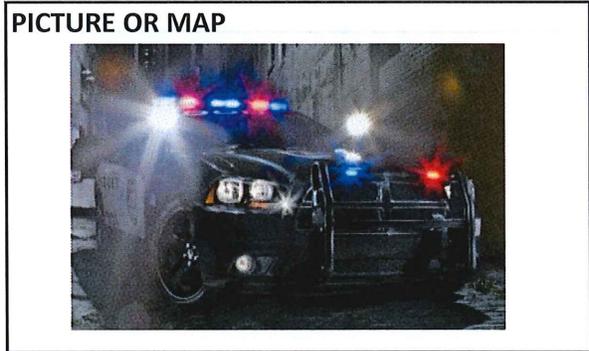
Benefits:
 Improve officer/equipment safety, reduce repair & maintenance costs, improve public image.

Cost Calculation:
 Estimates based on informal quotes from vendors for vehicles + installation of equipment/decals from previous purchase.

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	47,500	50%
2020 Patrol Vehicle	47,500	50%

FUNDING SOURCES		
Source	Amount	% of total
070-495-610000	95,000	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2020-2021	95,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Skipanon Riverfront Park Landscape Improvements**

Project Number: **620000**

Project Cost: **\$315,000.00**

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

Benefits: **Beatification/restoration on landscape**

Cost Calculation: **PMP**

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

BUDGET		
	Estimate	% of total
	\$315,000.00	100%
TOTAL	\$315,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429	\$ 315,000.00	100%
TOTAL	\$ 315,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 315,000.00	100%
2021-22		0%
TOTAL	\$ 315,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620000**

Project Cost: **\$ 158,400.00**

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 Fund**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 158,400.00	100%	QR Fund 065-429	\$ 158,400.00	100%
TOTAL	\$ 158,400.00	100%	TOTAL	\$ 158,400.00	100%

	SCHEDULE	
	Fiscal Year	Amount % of total
	2016-17	0%
	2017-18	0%
	2018-19	0%
	2019-20	0%
	2020-21	\$ 158,400.00 100%
	2021-22	0%
TOTAL	\$ 158,400.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Patrol Vehicle Replacement
Project Number: FY 2021-2022 #1
Project Cost: \$95,000

Description:
 This is an ongoing project to replace patrol aged patrol cars.

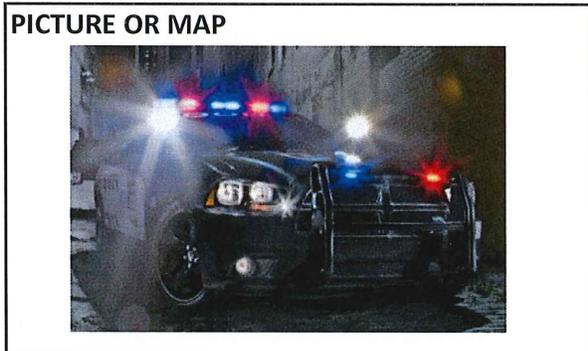
Benefits:
 Improve officer/equipment safety, reduce repair & maintenance costs, improve public image.

Cost Calculation:
 Estimates based on informal quotes from vendors for vehicles + installation of equipment/decals from previous purchase.

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	47,500	50%
2021 Patrol Vehicle	47,500	50%

FUNDING SOURCES		
Source	Amount	% of total
070-495-610000	95,000	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2021-2022	95,000	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620000**

Project Cost: **\$ 35,000.00**

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: **Funded from Quincy Robinson Fund**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 35,000.00	100%	QR Fund 065-429	\$ 35,000.00	100%
					0%
					0%
					0%
					0%
TOTAL	\$ 35,000.00	100%	TOTAL	\$ 35,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22	\$ 35,000.00	100%
	TOTAL	\$ 35,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **QR Park Concession Stand**

Project Number: **620000**

Project Cost: **\$ 130,000.00**

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: **WKI**

O & M Impact: **Funding from Quincy Robinson trust fund**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 130,000.00	100%	QR Fund 065-429	\$ 130,000.00	100%
TOTAL	\$ 130,000.00	100%	TOTAL	\$ 130,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 130,000.00	100%
TOTAL	\$ 130,000.00	100%

"Making a difference through excellence of service"



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Water Utility

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$23,504.00

Description: Remodel of public works offices creating additional office space and improving Hvac system.

Benefits: Provide space now that we have City Engineer as well as limiting free access of public to office area.

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
Engineering		0%	Parks 001-429	\$ 600.00	3%
Construction	\$23,504.00	100%	Storm 028-430	\$ 2,004.00	9%
			Water 029-430	\$ 8,200.00	35%
			Sanitation 034-430	\$ 5,500.00	23%
			Sewer 038-430	\$ 6,600.00	28%
TOTAL			Streets 040-431	\$ 600.00	3%
	\$23,504.00	100%	TOTAL	\$ 23,504.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 23,504.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
TOTAL		0%	
TOTAL	\$ 23,504.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Cullaby Lake Lane Water Main Shut Off Valves**

Project Number: 620069

Project Cost: \$ 5,000.00

Description: Add shut off valve and run a section of water main in concert with county culvert replacement project.

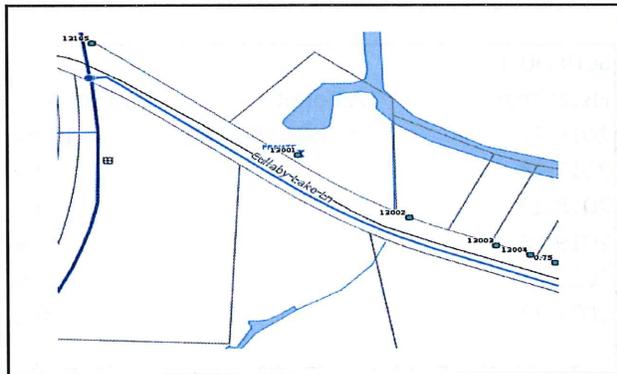
Benefits: Mandatory project for county to replace culvert

Cost Calculation: Eng Estimate

O & M Impact: Necessary to shut off the water and provide service to one house during culvert project in county right of way.

BUDGET	Estimate	% of total
Engineering		
Construction	\$ 5,000.00	100%
TOTAL	\$ 5,000.00	100%

FUNDING SOURCES	Amount	% of total
Source		
029-430	\$ 5,000.00	100%
TOTAL	\$ 5,000.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17	\$ 5,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 5,000.00	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: \$ 1,630,000.00

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

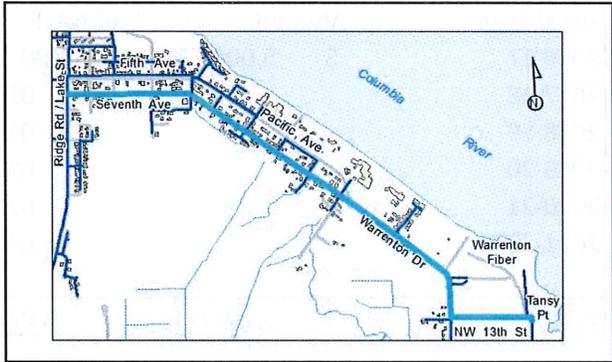
Benefits: Will improve City's water delivery system and provide improved fire flows, system redundancy, and improved water quality.

Cost Calculation: Eng Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ 244,500.00	15%
Proj Manage		
Construction	\$ 1,385,500.00	85%
Contingency		
TOTAL	\$ 1,630,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
029-430-620075	\$ 1,630,000.00	100%
TOTAL	\$ 1,630,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 1,630,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 1,630,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **24" Raw Water Shut Off Valve**

Project Number: 620068

Project Cost: \$ 18,000.00

Description: Install new 24 inch water valve and flush line on 24" raw waterline near water facility.

Benefits: Capability to shut off raw water supply to plant.

Cost Calculation: Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering		0%	029-430	\$ 18,000.00	100%
Construction	\$ 18,000.00	100%			
		0%			
TOTAL	\$ 18,000.00	100%	TOTAL	\$ 18,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 18,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL	\$ 18,000.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **NW Cedar Ct Improvement Project (Warrenton - NW 5th Stg)**

Project Number: **620023**

Project Cost: **\$ 170,000.00**

Description: **Rebuild NW Cedar Court south of Warrenton Drive and upgrade the water main.
This Project was underfunded 2015-2016.**

Benefits: **Roadway has outlived its useful life and water main is undersized.**

Cost Calculation: **Eng Estimate**

O & M Impact: **Funded from Street and Water funds**

BUDGET	Estimate	% of total
Construction	\$ 170,000.00	100%
TOTAL	\$ 170,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Water 029-430-620059	\$ 25,000.00	15%
Streets 040-431-620023	\$ 145,000.00	85%
TOTAL	\$ 170,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 170,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 170,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: Water System Improvements eligible for SDC funding
Project Number: FY 2016-2017
Project Cost: \$54,850

Description:
 Unallocated SDC revenue funded improvements.

Benefits:

Cost Calculation:

O & M Impact:

BUDGET		
	Estimate	% of total
Water System Improvements	54,850	100%

FUNDING SOURCES		
Source	Amount	% of total
SDC Funds 026-430-620000	54,850	100%

PICTURE OR MAP

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	54,850	100%
2017-18		
2018-19		
2019-20		
2020-21		
2021-22		

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Raw Water Line Replacement Program**

Project Number: 620060

Total Project Cost: \$ 876,091.00

Description: This program schedules ongoing replacement of sections of the raw water system from the 4 dams to the Water Treatment Plant. The system has approximately 14,000 LF of pipe that needs to be replaced.

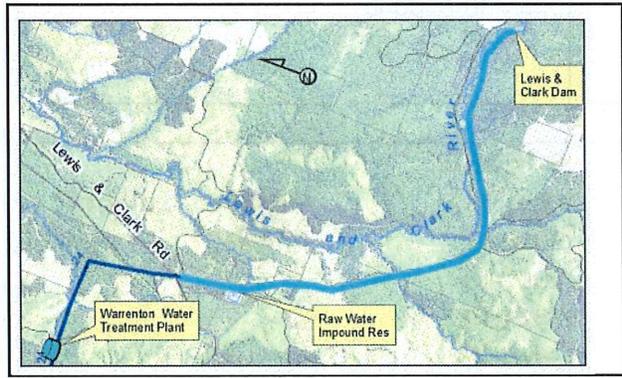
Benefits: Existing 24" fiberglass raw water pipe has long outlived its normal life.

Cost Calculation: Estimate

O & M Impact: The next proposed fiscal project will complete waterline replacement from the WTP to the Raw Water Reservoir providing a reliable water source to the plant. This will be funded from the Water Capital Reserve Fund

BUDGET		
	Estimate	% of total
	\$ 876,091.00	100%
TOTAL	\$ 876,091.00	100%

FUNDING SOURCES		
Source	Amount	% of total
029-430-620060	\$ 876,091.00	100%
TOTAL	\$ 876,091.00	100%



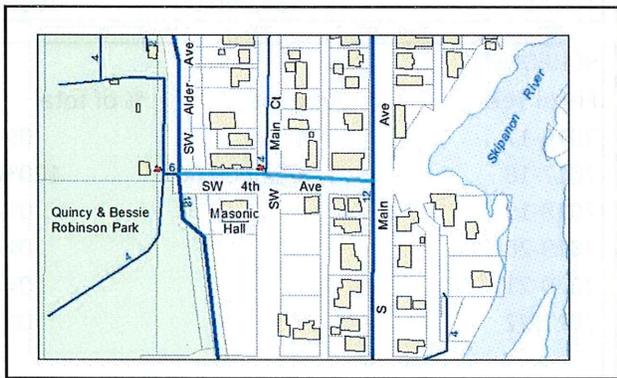
SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 155,000.00	18%
2018-19	\$ 155,000.00	18%
2019-20	\$ 165,000.00	19%
2020-21	\$ 165,000.00	19%
2021-22	\$ 236,091.00	27%
TOTAL	\$ 876,091.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SW 4th Street (S Main Ave - SW Alder Ct)
Project Number:	620000
Project Cost:	\$ 296,000.00
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 Street Capital Fund and Urban Renewal

BUDGET	Estimate	% of total
Engineering	\$ 18,000.00	6%
Proj Manage		
Construction	\$ 278,000.00	94%
Contingency		
TOTAL	\$ 296,000.00	100%

FUNDING SOURCES	Amount	% of total
Source		
Streets 040-431	\$ 118,000.00	39.9%
Urban 200-800	\$ 120,000.00	40.5%
Water 029-430	\$ 58,000.00	19.6%
TOTAL	\$ 296,000.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17		0%
2017-18	\$ 296,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 296,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	SE Anchor (Harbor - SE 3rd St) Improvements
Project Number:	620000
Project Cost:	\$ 654,000.00
Description:	Install new storm drain on SE Anchor south of 1st Street and waterlines on Anchor Ave & 3rd Street system and rebuild roadway add sidewalk and move powerline underground
Benefits:	Improve drainage to avoid future roadway deterioration and upgrade undersized waterlines.
Cost Calculation:	Eng Estimate
O & M Impact:	Funding to come from storm water and water Capital Outlay fund with overlay funds from street maintenance

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 53,000.00	8%	Storm 028-430	\$ 62,000.00	9%
Proj Manage			Water 029-430	\$ 82,000.00	13%
Construction	\$ 601,000.00	92%	Streets 040-431	\$ 210,000.00	32%
Contingency			Urban 200-800	\$ 300,000.00	46%
TOTAL	\$ 654,000.00	100%	TOTAL	\$ 654,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18	\$ 654,000.00	100%
	2018-19		0%
	2019-20		0%
	2020-21		0%
2021-22		0%	
TOTAL	\$ 654,000.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **SE Galina Avenue Waterline Upgrade (E Harbor - SE 7th Street)**

Project Number: 620000

Project Cost: \$ 244,000.00

Description: Upgrade 2" water main on SE Galena Avenue to a new 12" water main from E Harbor - SE 7th Street. This project may be unfeasible due to levee restrictions.

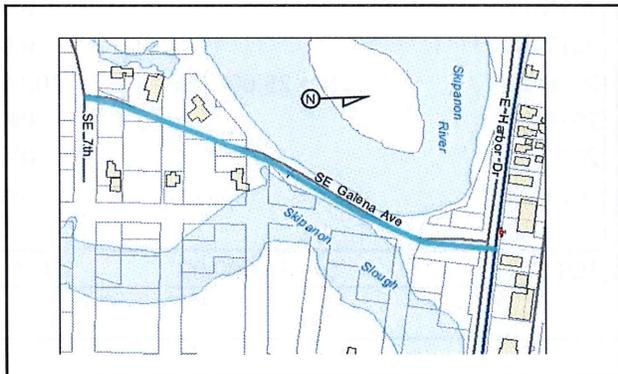
Benefits: Provide better service and fire protection to area.

Cost Calculation: Estimate

O & M Impact: Funding from Water Capital Reserve Fund

BUDGET	Estimate	% of total
Engineering	\$ 37,000.00	15%
Proj Manage		
Construction	\$ 207,000.00	85%
Contingency		
TOTAL	\$ 244,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 244,000.00	100%
TOTAL	\$ 244,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 244,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 244,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Water Model Study Upgrade**

Project Number: 6200__

Project Cost: \$ 25,000.00

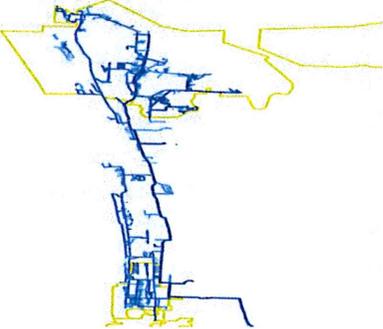
Description: Revisit Water modeling program after the Hammond water line project.

Benefits: Give update representation of Fire flows and pressure across system.

Cost Calculation: Estimate

O & M Impact: Funded from Water Capital Reserve Fund

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 25,000.00	100%	029-430	\$ 25,000.00	100%
Construction					
TOTAL	\$ 25,000.00	100%	TOTAL	\$ 25,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18		0%
	2018-19	\$ 25,000.00	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL	\$ 25,000.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 620000

Project Cost: \$250,000.00

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

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

Cost Calculation: Eng Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$20,000.00	8%	029-430	\$250,000.00	100%
Proj Manage					
Construction	\$230,000.00	92%			
Contingency					
TOTAL	\$250,000.00	100%	TOTAL	\$250,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 250,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$250,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Fifth Avenue Water Main (300 lf West of Heceta Place)
Project Number:	620000
Project Cost:	\$ 65,000.00
Description:	Install 8" Water Line on Fifth Avenue for 300 feet west of Heceta to tie to existing dead-end lines and loop system. Expands the loop
Benefits:	Improve water service and fire protection in area.
Cost Calculation:	Eng Estimate
O & M Impact:	Funding will come from Water Capital Reserve fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 10,000.00	15%	029-430	\$ 65,000.00	100%
Proj Manage					
Construction	\$ 55,000.00	85%			
Contingency					
TOTAL	\$ 65,000.00	100%	TOTAL	\$ 65,000.00	100%

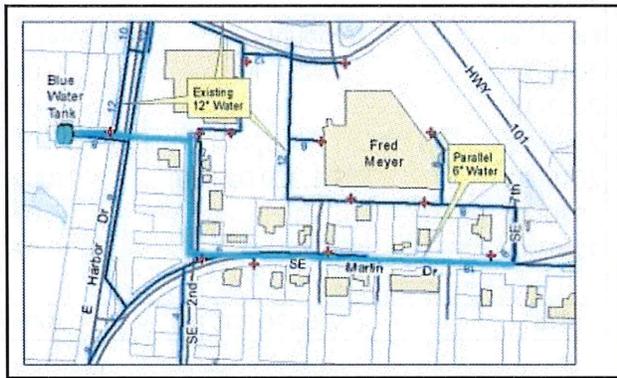
	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18		0%
	2018-19	\$ 65,000.00	100%
	2019-20		0%
	2020-21		0%
2021-22		0%	
TOTAL	\$ 65,000.00	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SE Marlin Ave 18" Waterline (SE 7th - E Harbor)
Project Number:	620011
Project Cost:	\$ 336,000.00
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:	\$ 336,000.00
O & M Impact:	This project will impact the Water Capital Reserve Fund and could be at least partially funded with System Development Charges

BUDGET		
	Estimate	% of total
Engineering	\$ 51,000.00	15%
Proj Manage		
Construction	\$ 228,000.00	68%
Contingency	\$ 57,000.00	17%
TOTAL	\$ 336,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 336,000.00	100%
TOTAL	\$ 336,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 336,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 336,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Water Treatment Plant Filter Replacement Reserve Fund**

Project Number: 029-430-880001

Project Cost: \$ 1,320,000

Description: Replace the WTP filters. This is required every 5 - 7 years with \$220,000 placed into the Filter replacement reserve account annually between replacement cycles. The filters were all replaced in fiscal year 2012-13. The next filter replacements are anticipated in the year 2019-20.

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
	\$ 1,320,000.00	100%
TOTAL	\$ 1,320,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
029-430-880001	\$ 1,320,000.00	100%
TOTAL	\$ 1,320,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 1,320,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 1,320,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Recoat Epoxy Lining Inside 3.5 Million Gallon Steel Reservoir**

Project Number: **620000**

Project Cost: **\$200,000.00**

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.**

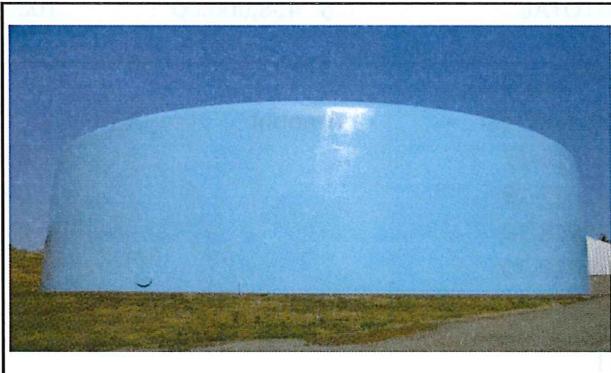
Benefits: **Extend life of reservoir**

Cost Calculation: **Estimate**

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

BUDGET		
	Estimate	% of total
Engineering		
Construction	\$200,000.00	100%
TOTAL	\$200,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 200,000.00	100%
TOTAL	\$ 200,000.00	100%

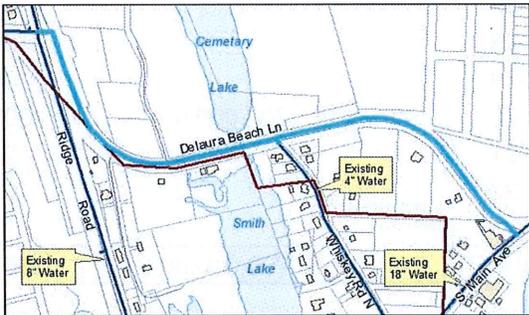


SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 200,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 200,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Delaura Beach 18-inch Waterline (S Main - Ridge Rd)
Project Number:	620000
Project Cost:	\$ 458,000.00
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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 70,000.00	15%	029-430	\$ 458,000.00	100%
Proj Manage					
Construction	\$ 388,000.00	85%			
Contingency					
TOTAL	\$ 458,000.00	100%	TOTAL	\$ 458,000.00	100%

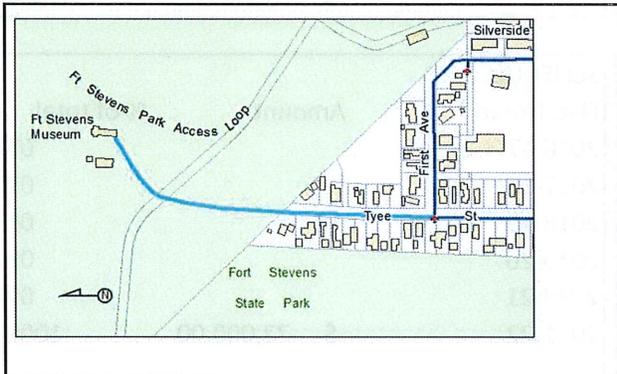
	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21	\$ 458,000.00	100%
2021-22		0%	
TOTAL	\$ 458,000.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Fort Stevens Park Waterline Extension to Museum.
Project Number:	620000
Project Cost:	\$71,000.00
Description:	Extend 8" waterlines to Fort Stevens Museum from Tye Street north of 3rd.
Benefits:	Provide better service and allow for fire protection to area.
Cost Calculation:	Estimate
O & M Impact:	Possible funding from Water Capital Reserve Fund and matching from Fort Stevens State Park.

BUDGET		
	Estimate	% of total
Engineering	\$ 11,000.00	15%
Construction	\$ 60,000.00	85%
TOTAL	\$ 71,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 35,500.00	50%
Ft Stevens ???	\$ 35,500.00	50%
If no contribution Ft Stevens then fully funded from water		
TOTAL	\$ 71,000.00	100%



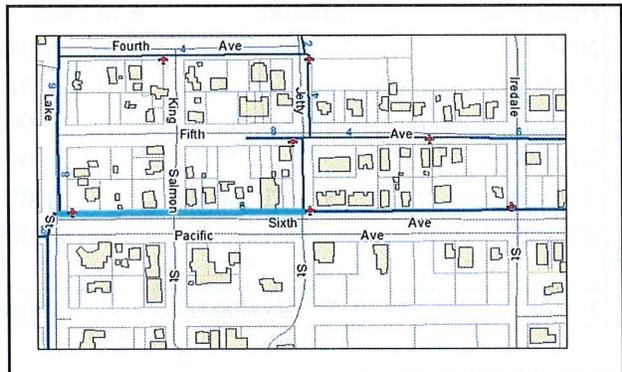
SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 71,000.00	100%
2021-22		0%
TOTAL	\$ 71,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Sixth Avenue 8" Water Main (Lake - Jetty)
Project Number:	620000
Project Cost:	\$ 72,000.00
Description:	Replace old AC water pipe with new 8" Water Line on Sixth Avenue between Lake and Jetty.
Benefits:	Reduce maintenance and allow for future improvements of roadway pavement
Cost Calculation:	Eng Estimate
O & M Impact:	Funding will come from Water Capital Reserve fund.

BUDGET		
	Estimate	% of total
Engineering	\$ 11,000.00	15%
Proj Manage		
Construction	\$ 61,000.00	85%
Contingency		
TOTAL	\$ 72,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 72,000.00	100%
TOTAL	\$ 72,000.00	100%

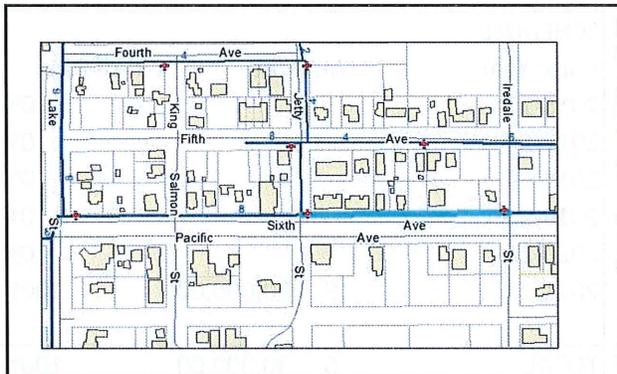


SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 72,000.00	100%
TOTAL	\$ 72,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Sixth Avenue 8" Water Main (Jetty - Iredale)
Project Number:	620000
Project Cost:	\$ 65,000.00
Description:	Replace old AC water pipe with new 8" Water Line on Sixth Avenue between Jetty and Iredale.
Benefits:	Reduce maintenance and allow for future improvements of roadway pavement
Cost Calculation:	Eng Estimate
O & M Impact:	Funding will come from Water Capital Reserve fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 10,000.00	15%	029-430	\$ 65,000.00	100%
Proj Manage					
Construction	\$ 55,000.00	85%			
Contingency					
TOTAL	\$ 65,000.00	100%	TOTAL	\$ 65,000.00	100%



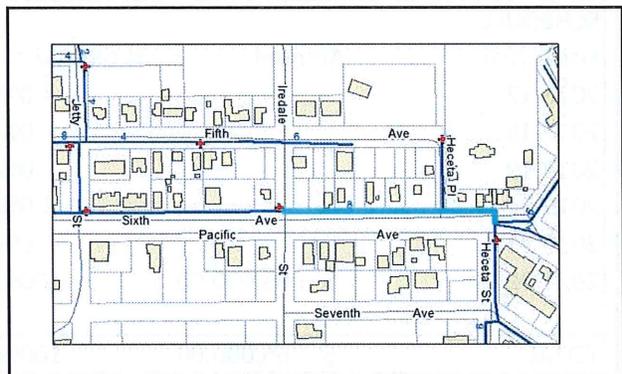
SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 65,000.00	100%
TOTAL	\$ 65,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Sixth Avenue 8" Water Main (Iredale - Heceta Street)
Project Number:	620000
Project Cost:	\$ 90,000.00
Description:	Replace old AC water pipe with new 8" Water Line on Sixth Avenue between Iredale and Heceta Street.
Benefits:	Reduce maintenance and allow for future improvements of roadway pavement
Cost Calculation:	Eng Estimate
O & M Impact:	Funding will come from Water Capital Reserve fund.

BUDGET		
	Estimate	% of total
Engineering	\$ 12,000.00	13%
Proj Manage		
Construction	\$ 78,000.00	87%
Contingency		
TOTAL	\$ 90,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 90,000.00	100%
TOTAL	\$ 90,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 90,000.00	100%
TOTAL	\$ 90,000.00	100%



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Sewer Utility

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$23,504.00

Description: Remodel of public works offices creating additional office space and improving HVAC system

Benefits: Provide space now that we have City Engineer as well as limiting free access of public to office area

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	\$23,504.00	100%	Parks 001-429	\$ 600.00	3%
			Storm 028-430	\$ 2,004.00	9%
			Water 029-430	\$ 8,200.00	35%
			Sanitation 034-430	\$ 5,500.00	23%
			Sewer 038-430	\$ 6,600.00	28%
			Streets 040-431	\$ 600.00	3%
TOTAL	\$23,504.00	100%	TOTAL	\$ 23,504.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 23,504.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
2021-22		0%	
TOTAL	\$ 23,504.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **3rd and Main Pump Station Generator and Others**

Project Number: **620025**

Project Cost: **\$ 50,000.00**

Description: **Install Stationary Generator on 3rd and Main station**

Benefits: **Onsite power generation for 3rd and Main CT pump station. This is a key stone to hydraulic flow through downtown area. Providing power here give a place for all other pump stations to pump to in this area. Other pump station can be kept in check with portable generators, then this pump station will move the flow directly to WWTP.**

Cost Calculation: **Estimate**

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

BUDGET		
	Estimate	% of total
	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
038-430	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 50,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
TOTAL	\$ 50,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Core Conveyance Sewer Improvements**

Project Number: **620011**

Project Cost: **\$ 1,613,504.00**

Description: **Install new force main across Skipanon River to the Waste Water Treatment Plant**

Benefits: **Relieve the SW 3rd & Main Ct lift station to allow for new Shoreline Sanitary District Sewer System.**

Cost Calculation: **Eng. Estimate**

O & M Impact: **Funding from Sewer Capital Reserve Fund Loan R94944 with funds left over after the Ensign Pump Station is built.**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 322,700.80	20%	038-430-62011	\$ 1,613,504.00	100%
Construction	\$ 1,290,803.20	80%			
TOTAL	\$ 1,613,504.00	100%	TOTAL	\$ 1,613,504.00	100%

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 1,613,504.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 1,613,504.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Ensign Pump Station Rebuild Project**

Project Number: **620011**

Project Cost: **\$ 306,800.00**

Description: **Rebuild Ensign & Harbor sewer pump station**

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: **Eng Estimate**

O & M Impact: **Funding from Sewer Capital Reserve Core Conveyance Fund**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 46,800.00	15%	038-430-620011	\$ 306,800.00	100%
Construction	\$ 260,000.00	85%			
TOTAL	\$ 306,800.00	100%	TOTAL	\$ 306,800.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 306,800.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 306,800.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620087**

Project Cost: **\$104,000.00**

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

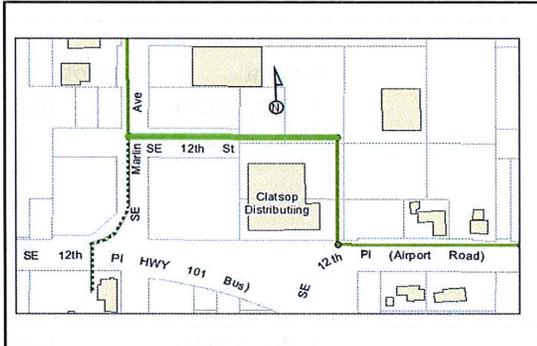
Benefits: **Eliminate a source of inflow & infiltration**

Cost Calculation: **Eng Estimate**

O & M Impact: **This project was under funded and needs to be carried forward**

BUDGET		
	Estimate	% of total
Engineering	\$ 9,000.00	9%
Construction	\$ 95,000.00	91%
TOTAL	\$104,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
038-430-620087	\$ 104,000.00	100%
TOTAL	\$ 104,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 104,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 104,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620089**

Project Cost: **\$ 308,500.00**

Description: **Upgrade SE Marlin & 2nd Street Pump Station with new pumps, 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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Construction	\$ 308,500.00	100%	038-430-620089	\$ 308,500.00	100%
TOTAL	\$ 308,500.00	100%	TOTAL	\$ 308,500.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 308,500.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
TOTAL	\$ 308,500.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Flow Meter 3rd and Main Avenue Pump Station**

Project Number: **620090**

Project Cost: **\$ 10,000.00**

Description: **Install mag meter on 3rd and Main station**

Benefits: **A meter to record the volume of water from the 3rd and main station. Used to record to amount of water that comes from this drainage area. Identify if pumps are moving water when the motors are running on scada.**

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
	\$ 10,000.00	100%	038-430	\$ 10,000.00	100%
TOTAL	\$ 10,000.00	100%	TOTAL	\$ 10,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 10,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
	TOTAL	\$ 10,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Biosolids Removal Project**

Project Number: **620006**

Project Cost: **\$ 30,000.00**

Description: **Contract an Environmental engineer to determine what processes will be used to dispose of biosolids with DEQ approval**

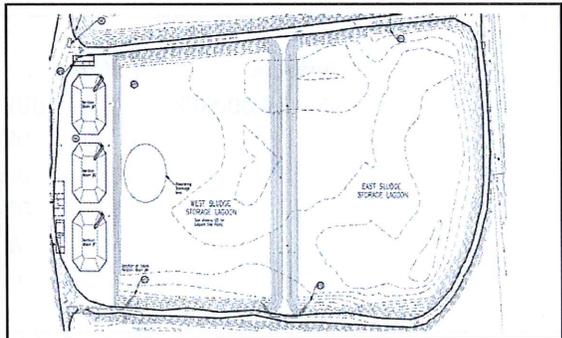
Benefits: **Have plan for biosolids disposal process ready to go.**

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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 30,000.00	100%	038-430-	\$ 30,000.00	100%
TOTAL	\$ 30,000.00	100%	TOTAL	\$ 30,000.00	100%

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 30,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 30,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: Sewer Improvements eligible for SDC funding
Project Number: FY 2016-2017
Project Cost: \$111,163

Description:
 Unallocated SDC revenue funded improvements.

Benefits:

Cost Calculation:

O & M Impact:

BUDGET		
	Estimate	% of total
Sewer System Improvements	\$ 111,163	100%

FUNDING SOURCES		
Source	Amount	% of total
SDC Funds	\$ 111,163	100%
036-430-620000		

PICTURE OR MAP

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 111,163	100%
2017-18		
2018-19		
2019-20		
2020-21		
2021-22		

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **WWTP North Lagoon Decommissioning**

Project Number: **620088**

Project Cost: **\$ 33,000.00**

Description: **Decommission North Lagoon at Sewer Treatment Plant by removing old piping that use to drain lagoon, remove biosolids.**

Benefits: **Preparation for Dredged Material Disposal site, Prevent from being classified as a wetland, could be buildable land. Remove liability of rain water collecting in abandoned lagoon.**

Cost Calculation: **Linked to feasibility study**

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 8,000.00	24%	038-435-620088	\$ 33,000.00	100%
Construction	\$ 25,000.00	76%			
TOTAL	\$ 33,000.00	100%	TOTAL	\$ 33,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 8,000	24%
	2017-18	\$ 25,000	76%
	2018-19		0%
	2019-20		0%
	2020-21		0%
2021-22		0%	
TOTAL	\$ 33,000.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620000**

Project Cost: **\$ 306,800.00**

Description: **Upgrade NW Jetty Street Pump Station with new pumps, motors, and telemetry. Project was budgeted for year (2014-15) but will not be completed until 2016-17.**

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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 46,800.00	100%	038-430	\$ 306,800.00	100%
Construction	\$ 260,000.00				
TOTAL	\$ 306,800.00	100%	TOTAL	\$ 306,800.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 306,800.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
TOTAL	\$ 306,800.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Pump Station Generator Undetermined Locations**

Project Number: **6200**

Project Cost: **\$ 50,000.00**

Description: **Install Stationary Generator on 3rd and Main station**

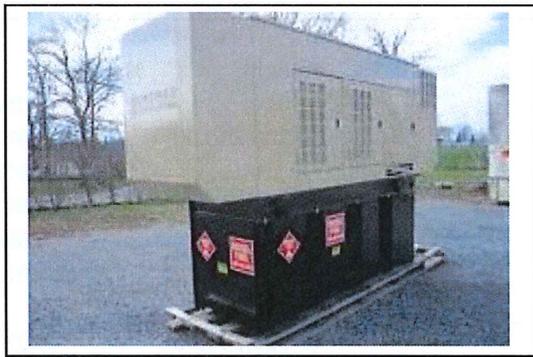
Benefits: **Onsite power generation for critical pump station. Necessary for emergency flow during extended power outages. We will focus on bottle necks first then work outward from there.**

Cost Calculation: **Estimate**

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

BUDGET		
	Estimate	% of total
	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
038-430	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 50,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 50,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620000**

Project Cost: **\$ 306,800.00**

Description: **Upgrade NW Seventh Ave. Street Pump Station with new pumps, motors.**

Benefits: **Reduce Maintenance & lower overtime for Sewer callouts.**

Cost Calculation: **Estimate**

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering			038-430	\$ 306,800.00	100%
Construction	\$ 306,800.00	100%			
TOTAL	\$ 306,800.00	100%	TOTAL	\$ 306,800.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 306,800.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 306,800.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **4th UV Disinfection Module**

Project Number: 6200__

Project Cost: \$ 30,000.00

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

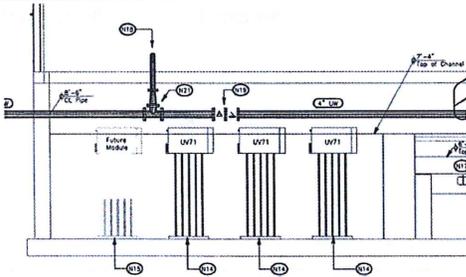
Benefits: Have funds available to purchase 4th module, increased disinfection capacity

Cost Calculation: Estimate

O & M Impact: Funded from sewer capital fund

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 30,000.00	100%	038-435	\$ 30,000.00	100%
TOTAL	\$ 30,000.00	100%	TOTAL	\$ 30,000.00	100%

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 30,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 30,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 6200__

Project Cost: \$ 60,000.00

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

Benefits: PLC supplied with system 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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 60,000.00	100%	038-435	\$ 60,000.00	100%
TOTAL	\$ 60,000.00	100%	TOTAL	\$ 60,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 60,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 60,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	SE Marlin & 101 (Putnam) Pump Station Upgrade
Project Number:	620000
Project Cost:	\$ 306,800.00
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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering			038-430	\$ 306,800.00	100%
Construction	\$ 306,800.00	100%			
TOTAL	\$ 306,800.00	100%	TOTAL	\$ 306,800.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18		0%
	2018-19		0%
	2019-20	\$ 306,800.00	100%
	2020-21		0%
	2021-22		0%
TOTAL	\$ 306,800.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 880001

Project Cost: \$ 500,000.00

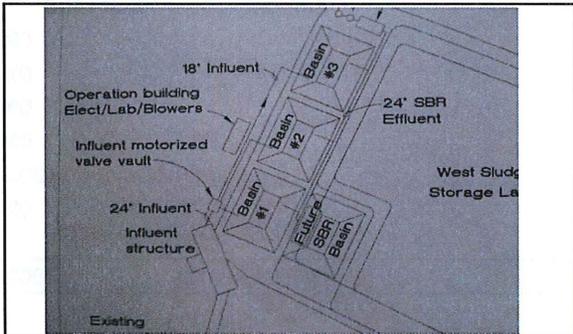
Description: Plant was built with major piping for future SBR basin, City is setting aside \$83,333.00 funds annually to pay for construction of basin and purchase of process equipment after 2019-20 or as necessary.

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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 500,000.00	100%	038-435-880001	\$ 500,000.00	100%
TOTAL	\$ 500,000.00	100%	TOTAL	\$ 500,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 500,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 500,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Future Pump Station Upgrade**

Project Number: 620000

Project Cost: \$ 306,800.00

Description: Upgrade unspecified pump Station with new pumps, 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		
Construction	\$ 306,800.00	100%
TOTAL	\$ 306,800.00	100%

FUNDING SOURCES	Amount	% of total
Source		
038-430	\$ 306,800.00	100%
TOTAL	\$ 306,800.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 306,800.00	100%
2021-22		0%
TOTAL	\$ 306,800.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **WWTP Headworks Parallel Finescreen Project**

Project Number: 6200__

Project Cost: \$ 40,000.00

Description: Remove bar screen from bypass channel an Install a Finescreen.

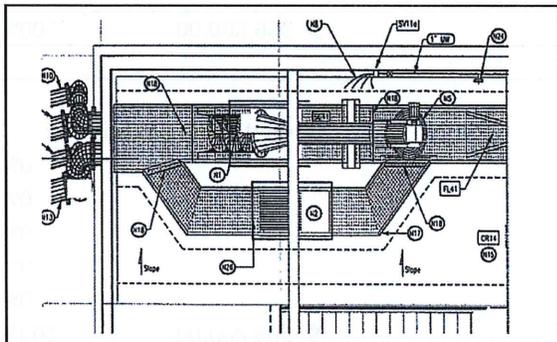
Benefits: Eliminate screenings bypass.

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of total
	\$ 40,000.00	100%
TOTAL	\$ 40,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
038-435	\$ 40,000.00	100%
TOTAL	\$ 40,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 40,000.00	100%
2021-22		0%
TOTAL	\$ 40,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Future Pump Station Upgrade**

Project Number: **620000**

Project Cost: **\$ 306,800.00**

Description: **Upgrade un specified pump Station with new pumps, 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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering			038-430	\$ 306,800.00	100%
Construction	\$ 306,800.00	100%			
TOTAL	\$ 306,800.00	100%	TOTAL	\$ 306,800.00	100%

	SCHEDULE	
	Fiscal Year	% of total
	2016-17	0%
	2017-18	0%
	2018-19	0%
	2019-20	0%
	2020-21	0%
	2021-22	100%
	TOTAL	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: **Biosolids Removal Project**

Project Number: 6200__

Project Cost: \$ 500,000.00

Description: Start setting aside funds with \$83,333 withholdings for an anticipated reserve of \$500,000 available after 2019-20.

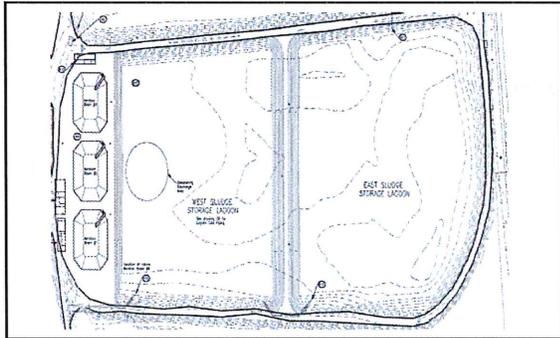
Benefits: Have fund available for biosolids disposal process and a game plan ready to go.

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	\$ 500,000.00	100%
TOTAL	\$ 500,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
038-435-880001	\$ 500,000.00	100%
TOTAL	\$ 500,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 500,000.00	100%
2021-22		0%
TOTAL	\$ 500,000.00	100%

Sanitation Utility

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$23,504.00

Description: Remodel of public works offices creating additional office space and improving Hvac system.

Benefits: Provide space for engineering, file storage, electronic equipment storage, small conference room, and additional office spaces 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
Engineering			Parks 001-429	\$ 600.00	3%
Construction	\$23,504.00	100%	Storm 028-430	\$ 2,004.00	9%
			Water 029-430	\$ 8,200.00	35%
			Sanitation 034-430	\$ 5,500.00	23%
			Sewer 038-430	\$ 6,600.00	28%
			Streets 040-431	\$ 600.00	3%
TOTAL	\$ 23,504.00	100%	TOTAL	\$ 23,504.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$23,504.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL	\$ 23,504.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620001**

Project Cost: **\$ 70,000.00**

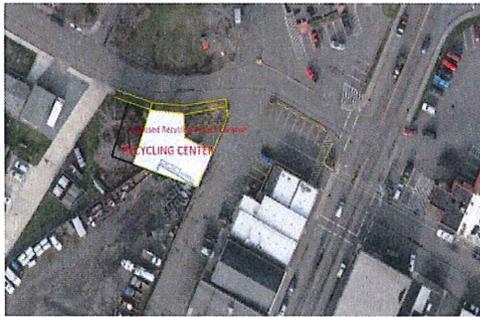
Description: **Rebuild recycling center on SW 1st Street west of S Main Avenue.**

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

Cost Calculation: **Eng Estimate**

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 8,000.00	11%	032-430-620001	\$ 70,000.00	100%
Construction	\$ 62,000.00	89%			
TOTAL	\$ 70,000.00	100%	TOTAL	\$ 70,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 70,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 70,000.00	100%

Streets

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$23,504.00

Description: Remodel of public works offices creating additional office space and improving Hvac system.

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
Engineering		0%
Construction	\$23,504.00	100%
TOTAL	\$23,504.00	100%

FUNDING SOURCES	Amount	% of total
Parks 001-429	\$ 600.00	3%
Storm 028-430	\$ 2,004.00	9%
Water 029-430	\$ 8,200.00	35%
Sanitation 034-430	\$ 5,500.00	23%
Sewer 038-430	\$ 6,600.00	28%
Streets 040-431	\$ 600.00	3%
TOTAL	\$ 23,504.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17	\$23,504.00	100%
2017-18		
2018-19		
2019-20		
2020-21		
2021-22		
TOTAL	\$ 23,504.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **NE Skipanon Improvement Project (Main - 1800 feet north)**

Project Number: **620070**

Project Cost: **\$ 143,000.00**

Description: **Improve NE Skipanon Drive north of Main Street for 1800 linear feet.**

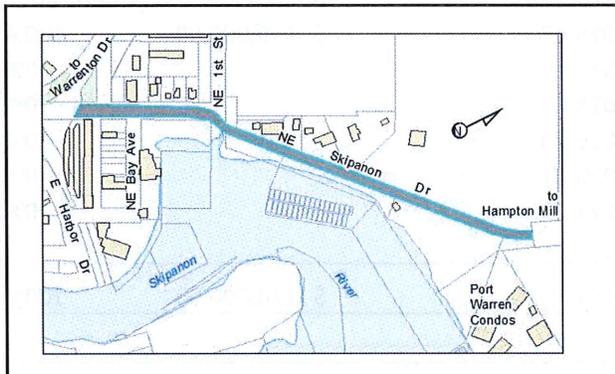
Benefits: **Extend life of roadway that handles heavy truck traffic to mill. This project may involve raising the grade along Skipanon as part of the levee rebuild project.**

Cost Calculation: **Eng Estimate**

O & M Impact: **Funded from Street Capital Funds**

BUDGET	Estimate	% of total
Engineering	\$ 22,000.00	15%
Proj Manage		
Construction	\$ 121,000.00	85%
Contingency		
TOTAL	\$ 143,000.00	100%

FUNDING SOURCES	Amount	% of total
Source		
Streets 040-431	\$ 143,000.00	100%
		0%
		0%
TOTAL	\$ 143,000.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17	\$ 143,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 143,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **NW Cedar Ct Improvement Project (Warrenton - NW 5th Stg)**

Project Number: **620023**

Project Cost: **\$ 170,000.00**

Description: **Rebuild NW Cedar Court south of Warrenton Drive and upgrade the water main. This Project was underfunded 2015-2016.**

Benefits: **Roadway has outlived its useful life and water main is undersized.**

Cost Calculation: **Eng Estimate**

O & M Impact: **Funded from Street and Water funds**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Construction	\$ 170,000.00	100%	Water 029-430-620059	\$ 25,000.00	15%
			Streets 040-431-620023	\$ 145,000.00	85%
TOTAL	\$ 170,000.00	100%	TOTAL	\$ 170,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 170,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL	\$ 170,000.00	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	N Main / NW 7th Place Improvements
Project Number:	620078
Project Cost:	\$ 367,000.00
Description:	Upgrade water system and repair & rebuild N. Main Street and NE 7th Street. This project was originally funded 2015-2016.
Benefits:	Rebuilding this roadway will dramatically improve rideability and routine maintenance.
Cost Calculation:	\$ 367,000.00
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
Engineering		0%	Water 029-430		0%
Proj Manage		0%	Sewer 038-430		0%
Construction	\$ 367,000.00	100%	Streets 040-431	\$ 367,000	100%
Contingency		0%			
TOTAL	\$ 367,000.00	100%	TOTAL	\$ 367,000	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 367,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
2021-22		0%	
TOTAL	\$ 367,000.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620005**

Project Cost: **\$ 113,000.00**

Description: **Provide multi-use trail along NW 13th Street between Warrenton Drive & the River Front trail. This project was funded 2015-2016.**

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 and Drainage Funds**

BUDGET	Estimate	% of total
Engineering		
Proj Manage		
Construction	\$ 113,000.00	100%
Contingency		
TOTAL	\$ 113,000.00	100%

FUNDING SOURCES	Source	Amount	% of total
	Storm 028-460	\$ 40,000.00	35%
	Streets 040-431	\$ 73,000.00	65%
			0%
			0%
			0%
TOTAL		\$ 113,000.00	100%



SCHEDULE	Fiscal Year	Amount	% of total
	2016-17	\$ 113,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL		\$ 113,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **DeLaura Beach Trail**

Project Number: 620010

Project Cost: \$ 207,770.00

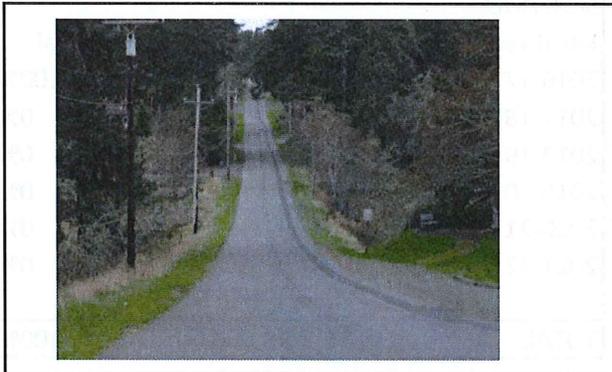
Description: Provide multi-use trail along SW Delaura Beach between Ridge Road and Fort Stevens State Park. This project was underfunded in 2015-2016.

Benefits: Provide safer pedestrian/bicycle connectivity along Delaura Beach Road and connectivity to future Burnma Road trail in State Park.

Cost Calculation: Fund balance

O & M Impact: Funded from Streets Fund with residual ODOT grant money

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering		0%	040-431	\$ 207,770.00	100%
Construction	\$ 207,770.00	100%			
TOTAL	\$ 207,770.00	100%	TOTAL	\$ 207,770.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 207,770.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 207,770.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **SW 3rd Street Improvement Project (Main Court - Main Ave)**

Project Number: 620080

Project Cost: \$ 93,000.00

Description: Improve roadway and drainage on SW 3rd Street between SW Main Ct and S Main Ave. This project was underfunded 2015-2016.

Benefits: Improve deteriorated roadway and reduce ongoing maintenance costs.

Cost Calculation: Eng Estimate

O & M Impact: Funded from various Capital Funds. Project will reduce ongoing maintenance costs for the current unpaved section of roadway and improve fire flows in this area.

BUDGET	Estimate	% of total
Engineering		0%
Proj Manage		0%
Construction	\$ 93,000.00	100%
Contingency		0%
TOTAL	\$ 93,000.00	100%

FUNDING SOURCES	Amount	% of total
Water 029-430		0%
Storm 028-430	\$ 26,040.00	28%
Streets 040-431	\$ 66,960.00	72%
		0%
TOTAL	\$ 93,000.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17	\$ 93,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 93,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **SE 2nd Street (SE King - Marlin)**

Project Number: **620082**

Project Cost: **\$ 225,000.00**

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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 30,000.00	13%	040-431	\$ 225,000.00	100%
Proj Manage					
Construction	\$ 195,000.00	87%			
Contingency					
TOTAL	\$ 225,000.00	100%	TOTAL	\$ 225,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 225,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 225,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Quick fix funds - Hammond Post office**

Project Number: **620011**

Project Cost: **\$ 90,000.00**

Description: **Annual funding intended to install sidewalk improvements along ODOW rights of way. Needed improvements include cross walk improvements by the Hammond Post office. This project was funded in 2015-2016.**

Benefits: **Improve pedestrian access on State Highways in Warrenton.**

Cost Calculation: **Eng Estimate**

O & M Impact: **This project was proposed for 2014-15 but likely not be under construction until 2015-16 and existing funding is being carried forward to the 2015-16 fiscal budget.**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Annual State Grant	\$ 90,000.00	100%	040-431	\$ 90,000.00	100%
TOTAL	\$ 90,000.00	100%	TOTAL	\$ 90,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 90,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL		

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: Street Improvements eligible for SDC funding
Project Number: FY 2016-2017
Project Cost: \$627,047

Description:
 Unallocated SDC revenue funded improvements.

Benefits:

Cost Calculation:

O & M Impact:

BUDGET			
	Estimate	% of total	
Street Improvements	\$ 627,047	100%	

FUNDING SOURCES			
Source	Amount	% of total	
SDC Funds	\$ 627,047	100%	
041-410-620000			

PICTURE OR MAP

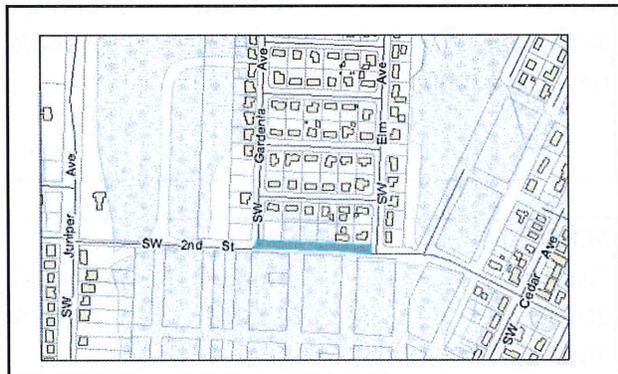
SCHEDULE			
Fiscal Year	Amount	% of total	
2016-17	\$ 627,047	100%	
2017-18			
2018-19			
2019-20			
2020-21			
2021-22			

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	SW 2nd Street (Elm - Gardenia)
Project Number:	620068
Project Cost:	\$ 315,000.00
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 Street Capital Fund

BUDGET		
	Estimate	% of total
Design	\$ 48,000.00	15%
Constuction	\$ 267,000.00	85%
TOTAL	\$ 315,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 315,000.00	100%
TOTAL	\$ 315,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 48,000.00	15%
2017-18	\$ 267,000.00	85%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 315,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Quick fix funds- East Harbor Street Sidewalks to Highway 101**

Project Number: **620081**

Project Cost: **\$ 600,000.00**

Description: **Annual funding intended to install sidewalk improvements along ODOW rights of way. Needed improvements include additional sidewalks along East Harbor Drive to connect downtown Warrenton to Highway 101.**

Benefits: **Improve pedestrian access on State Highways in Warrenton.**

Cost Calculation: **Eng Estimate**

O & M Impact: **Funded from Street Capital Fund out of State Quick Fix grant money.**

BUDGET		
	Estimate	% of total
Annual State Grant	\$ 600,000.00	100%
TOTAL	\$ 600,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 600,000.00	100%
TOTAL	\$ 600,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 100,000.00	17%
2017-18	\$ 100,000.00	17%
2018-19	\$ 100,000.00	17%
2019-20	\$ 100,000.00	17%
2020-21	\$ 100,000.00	17%
2021-22	\$ 100,000.00	17%
TOTAL	\$ 600,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 620000

Project Cost: \$654,000.00

Description: Install new storm drain on SE Anchor south of 1st Street and waterlines on Anchor Ave & 3rd Street system and rebuild roadway add sidewalk and move powerline underground.

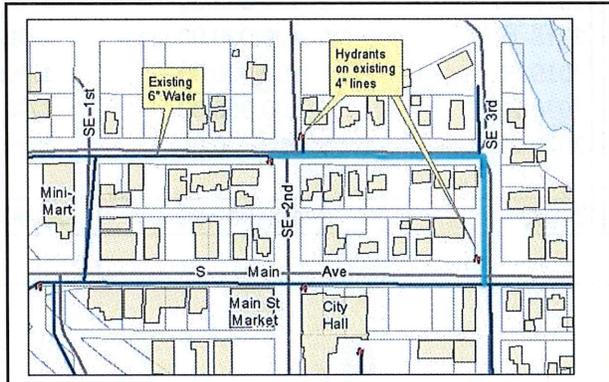
Benefits: Improve drainage to avoid future roadway deterioration and upgrade undersized waterlines.

Cost Calculation: Eng Estimate

O & M Impact: Funding to come from storm water and water Capital Outlay fund with overlay funds from street maintenance

BUDGET		
	Estimate	% of total
Engineering	\$ 53,000.00	8%
Proj Manage		0%
Construction	\$601,000.00	92%
Contingency		0%
TOTAL	\$654,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 62,000.00	9%
Water 029-430	\$ 82,000.00	13%
Streets 040-431	\$ 210,000.00	32%
Urban 200-800	\$ 300,000.00	46%
TOTAL	\$ 654,000.00	100%



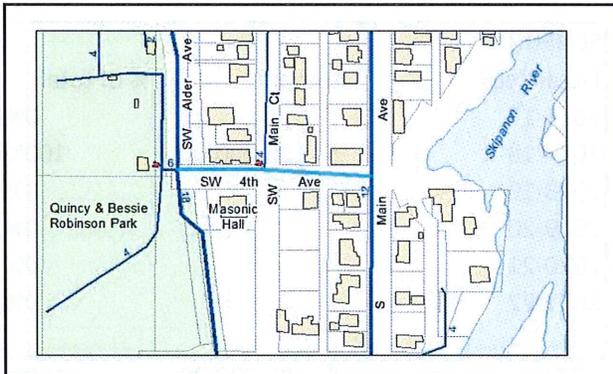
SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 654,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 654,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	SW 4th Street (S Main Ave - SW Alder Ct)
Project Number:	620000
Project Cost:	\$ 296,000.00
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 Street Capital Fund and Urban Renewal

BUDGET	Estimate	% of total
Engineering	\$ 18,000.00	6%
Proj Manage		
Construction	\$ 278,000.00	94%
Contingency		
TOTAL	\$ 296,000.00	100%

FUNDING SOURCES	Amount	% of total
Steets 040-431	\$ 118,000.00	39.9%
Urban 200-800	\$ 120,000.00	40.5%
Water 029-430	\$ 58,000.00	19.6%
TOTAL	\$ 296,000.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17		0%
2017-18	\$ 296,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 296,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 620000

Project Cost: \$ 185,000.00

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 Street Capital Fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 28,000.00	15%	040-431	\$ 185,000.00	100%
Proj Manage					
Construction	\$ 157,000.00	85%			
Contingency					
TOTAL	\$ 185,000.00	100%	TOTAL	\$ 185,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18	\$ 185,000.00	100%
	2018-19		0%
	2019-20		0%
	2020-21		0%
2021-22		0%	
TOTAL	\$ 185,000.00	100%	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	SE 2nd Street (SE Marlin -Warrenton Commercial Center)	
Project Number:	620000	
Project Cost:	\$ 100,000.00	
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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 15,000.00	15%	040-431	\$ 100,000.00	100%
Proj Manage					
Construction	\$ 85,000.00	85%			
Contingency					
TOTAL	\$ 100,000.00	100%	TOTAL	\$ 100,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 100,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 100,000.00	0%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620000**

Project Cost: **\$ 107,000.00**

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 Street Capital Fund.**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 16,000.00	15%	040-431	\$ 107,000.00	100%
Proj Manage					
Construction	\$ 91,000.00	85%			
Contingency					
TOTAL	\$ 107,000.00	100%	TOTAL	\$ 107,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 107,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 107,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 620000

Project Cost: \$ 281,000.00

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

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

Cost Calculation: Eng Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ 43,000.00	15%
Proj Manage		
Construction	\$ 238,000.00	85%
Contingency		
TOTAL	\$ 281,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 281,000.00	100%
TOTAL	\$ 281,000.00	100%



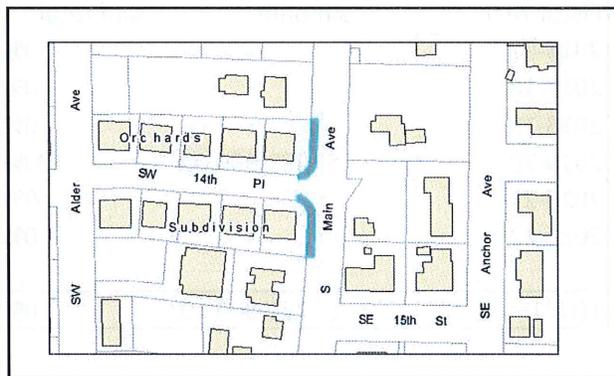
SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 281,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 281,000.00	0%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	S. Main Avenue & SW 14th Place (Orchard Subdivision) sidewalks
Project Number:	620000
Project Cost:	\$ 24,000.00
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 Subdivider's Bond

BUDGET		
	Estimate	% of total
Design	\$ 8,000.00	33%
Constuction	\$ 16,000.00	67%
TOTAL	\$ 24,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Developer	\$ 8,000.00	33%
040-431	\$ 16,000.00	67%
TOTAL	\$ 24,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 24,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 24,000.00	0%



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Storm Sewer

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Remodel of Public Works Offices**

Project Number: 620091

Project Cost: \$23,504.00

Description: Remodel of public works offices creating additional office space and improving Hvac system.

Benefits: Provide space now that we have City Engineer as well as limiting free access of public to office area.

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of total
Engineering		0%
Construction	\$23,504.00	100%
TOTAL	\$23,504.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Parks 001-429	\$ 600.00	3%
Storm 028-430	\$ 2,004.00	9%
Water 029-430	\$ 8,200.00	35%
Sanitation 034-430	\$ 5,500.00	23%
Sewer 038-430	\$ 6,600.00	28%
Streets 040-431	\$ 600.00	3%
TOTAL	\$ 23,504.00	100%



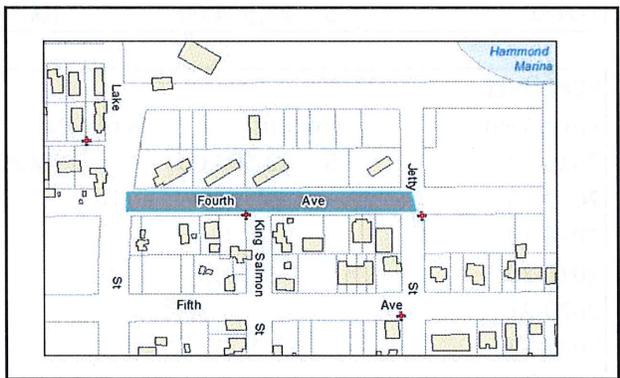
SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 23,504.00	100%
2017-18		
2018-19		
2019-20		
2020-21		
2021-22		
TOTAL	\$ 23,504.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Fourth Avenue Improvement Project (Lake - Jetty)
Project Number:	620026
Project Cost:	\$ 35,924.00
Description:	Improve drainage to mitigate historic flooding in this area. Fourth Avenue between Lake & Jetty
Benefits:	Improve drainage to reduce property flooding. Perform drainage work before future road project.
Cost Calculation:	Eng Estimate
O & M Impact:	Funded from Storm Sewer Fund

BUDGET		
	Estimate	% of total
Engineering		
Proj Manage		
Construction	\$ 35,924.00	100%
Contingency		
TOTAL	\$ 35,924.00	100%

FUNDING SOURCES		
Source	Amount	% of total
028-430	\$ 35,924.00	100%
TOTAL	\$ 35,924.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 35,924.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 35,924.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **SE 4TH & Main Ave Stormwater Pump Station Rebuild**

Project Number: **620081**

Project Cost: **\$ 203,000.00**

Description: **Rebuild storm water pumping station with new submersible, VFD pump and motor.**

Benefits: **Reduce flooding in Central part of Warrenton.**

Cost Calculation: **Eng Estimate**

O & M Impact: **Partial Funding from Storm Water Fund and from Urban Renewal Fund.**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Urban Renewal	\$ 100,000.00	49%	Urban 200-800	\$ 100,000.00	49%
Storm Water	\$ 25,000.00	12%	Storm 028-430	\$ 25,000.00	12%
Storm SDC	\$ 78,000.00	38%	StormSDC051-410	\$ 78,000.00	38%
TOTAL	\$ 203,000.00	100%	TOTAL	\$ 203,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 203,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 203,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	SW 3rd Street Improvement Project (Main Court - Main Ave)
Project Number:	620080
Project Cost:	\$ 93,000.00
Description:	Improve roadway and drainage on SW 3rd Street between SW Main Ct and S Main Ave. This project was underfunded 2015-2016.
Benefits:	Improve deteriorated roadway and reduce ongoing maintenance costs.
Cost Calculation:	Eng Estimate
O & M Impact:	Funded from various Capital Funds. Project will reduce ongoing maintenance costs for the current unpaved section of roadway and improve fire flows in this area.

BUDGET	Estimate	% of total
Engineering		0%
Proj Manage		0%
Construction	\$ 93,000.00	100%
Contingency		0%
TOTAL	\$ 93,000.00	100%

FUNDING SOURCES	Amount	% of total
Water 029-430		0%
Storm 028-430	\$ 26,040.00	28%
Streets 040-431	\$ 66,960.00	72%
		0%
TOTAL	\$ 93,000.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17	\$ 93,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 93,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: **620005**

Project Cost: **\$ 113,000.00**

Description: **Provide multi-use trail along NW 13th Street between Warrenton Drive & the River Front trail. This project was funded 2015-2016.**

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 and Drainage Funds**

BUDGET	Estimate	% of total
Engineering		
Proj Manage		
Construction	\$ 113,000.00	100%
Contingency		
TOTAL	\$ 113,000.00	100%

FUNDING SOURCES	Amount	% of total
Source		
Storm 028-460	\$ 40,000.00	35%
Streets 040-431	\$ 73,000.00	65%
		0%
		0%
		0%
TOTAL	\$ 113,000.00	100%



SCHEDULE	Amount	% of total
Fiscal Year		
2016-17	\$ 113,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 113,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Storm Sewer Improvements eligible for SDC funds
Project Number: FY 2016-2017
Project Cost: \$28,561

Description:
 Unallocated SDC revenue funded improvements.

Benefits:

Cost Calculation:

O & M Impact:

BUDGET		
	Estimate	% of total
Storm Sewer Improvements	28,561	100%

FUNDING SOURCES		
Source	Amount	% of total
SDC Funds 051-410-620000	28,561	100%

PICTURE OR MAP

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	28,561	100%
2017-18		
2018-19		
2019-20		
2020-21		
2021-22		

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Tidegate Replacement Program**

Project Number: **620082**

Project Cost: **\$ 382,880.00**

Description: **Ongoing Capital Funding to replace Tidegates for Dike Compliance with Corp of Engineers' requirements. Extent of program to be identified with tidegate 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
Engineering	\$ 80,000.00	21%	028-430-620082	\$ 382,880.00	100%
Construction	\$ 302,880.00	79%			
		0%			
TOTAL	\$ 382,880.00	100%	TOTAL	\$ 382,880.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 92,880.00	24%
2017-18	\$ 90,000.00	24%
2018-19	\$ 50,000.00	13%
2019-20	\$ 50,000.00	13%
2020-21	\$ 50,000.00	13%
2021-22	\$ 50,000.00	13%
TOTAL	\$ 382,880.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Corp of Engineer Recommendations #1**

Project Number: **620000**

Project Cost: **\$ 50,000.00**

Description: **USACE Recommendations - Repair erosion on WDD#2**

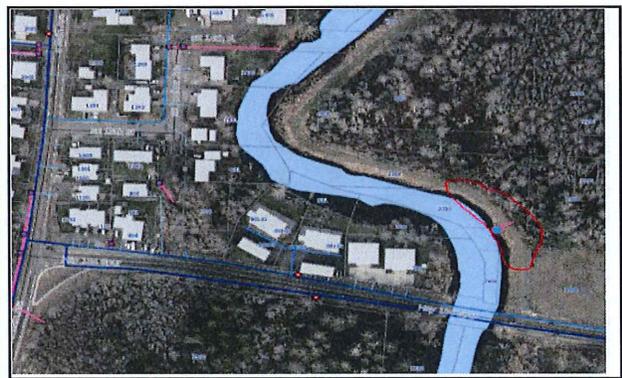
Benefits: **Reduce flooding, flood insurance and increase chances of Levee Certification.**

Cost Calculation: **Eng Estimate**

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

BUDGET		
	Estimate	% of total
Storm Water	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 50,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 50,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Storm Water Master Plan Recommendations #1
Project Number:	620000
Project Cost:	\$ 50,000.00
Description:	SWMP Recommendations - Address existing deficiencies in Conveyance network. Clean ditches and 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	\$ 10,000.00	20%			
Construction	\$ 40,000.00	80%	Storm 028-430	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%	TOTAL	\$ 50,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18	\$ 50,000.00	100%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL		\$ 50,000.00	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Raise Levee Low Area
Project Number:	620000
Project Cost:	\$ 10,000.00
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		
	Estimate	% of total
Storm Water	\$ 10,000.00	100%
TOTAL	\$ 10,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 10,000.00	100%
TOTAL	\$ 10,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 10,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 10,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Upsize Storm System in Hammond Marina
Project Number:	620000
Project Cost:	\$ 119,396.00
Description:	Upsize stormwater 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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Design	\$ 18,000.00	15%	Storm 028-430	\$ 50,000.00	42%
Construction	\$ 101,396.00	85%	Storm SDC 051-410	\$ 69,396.00	58%
TOTAL	\$ 119,396.00	100%	TOTAL	\$ 119,396.00	100%

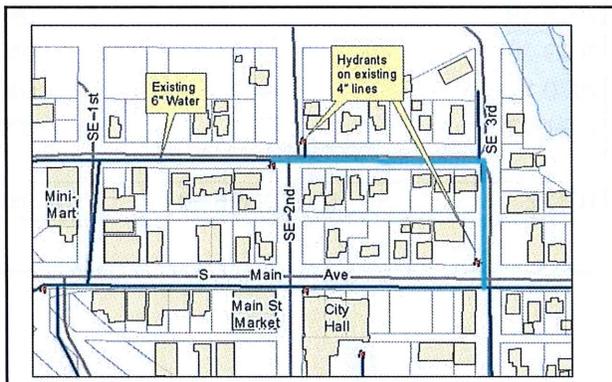
	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18	\$ 119,396.00	100%
	2018-19		0%
	2019-20		0%
	2020-21		0%
2021-22		0%	
TOTAL	\$ 119,396.00	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	SE Anchor (Harbor - SE 3rd St) Improvements
Project Number:	620000
Project Cost:	\$ 654,000.00
Description:	Install new storm drain on SE Anchor, south of 1st Street and waterlines on Anchor Ave & 3rd Street system and rebuild roadway add sidewalk and move powerline underground.
Benefits:	Improve drainage to avoid future roadway deterioration and upgrade undersized waterlines.
Cost Calculation:	Eng Estimate
O & M Impact:	Funding to come from storm water and water Capital Outlay fund with overlay funds from street maintenance.

BUDGET		
	Estimate	% of total
Engineering	\$ 53,000.00	8%
Proj Manage		0%
Construction	\$ 601,000.00	92%
Contingency		0%
TOTAL	\$ 654,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 62,000.00	9%
Water 029-430	\$ 82,000.00	13%
Streets 040-431	\$ 210,000.00	32%
Urban 200-800	\$ 300,000.00	46%
TOTAL	\$ 654,000.00	100%



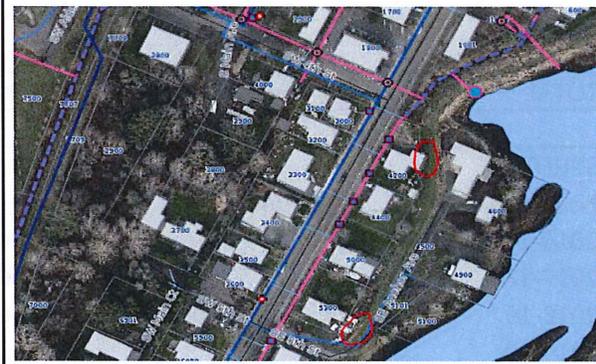
SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 654,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 654,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Corp of Engineer Recommendations #2
Project Number:	620000
Project Cost:	\$ 50,000.00
Description:	USACE Recommendations - Address Exiting Encroachments
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		
	Estimate	% of total
Storm Water	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 50,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 50,000.00	0%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Storm Water Master Plan Recommendations #3
Project Number:	620000
Project Cost:	\$ 50,000.00
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	\$ 10,000.00	20%	Storm 028-430	\$ 50,000.00	100%
Construction	\$ 40,000.00	80%			
TOTAL	\$ 50,000.00	100%	TOTAL	\$ 50,000.00	100%

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 50,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 50,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Corp of Engineer Recommendations #3**

Project Number: 620000

Project Cost: \$ 50,000.00

Description: **USACE Recommendations - Address Exiting Encroachments**

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		
	Estimate	% of total
Storm Water	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 50,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 50,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Storm Water Master Plan Recommendations #4
Project Number:	620000
Project Cost:	\$ 50,000.00
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		
	Estimate	% of total
Design/Planning	\$ 10,000.00	20%
Construction	\$ 40,000.00	80%
TOTAL	\$ 50,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 50,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 50,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Corp of Engineer Recommendations #4
Project Number:	620000
Project Cost:	\$ 100,000.00
Description:	USACE Recommendations - Address Exiting Encroachment. This will consist of a design and planning year and smaller construction phases.
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		
	Estimate	% of total
Planning	\$ 10,000.00	10%
Construction	\$ 90,000.00	90%
TOTAL	\$ 100,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 100,000.00	100%
TOTAL	\$ 100,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 50,000.00	50%
2021-22	\$ 50,000.00	50%
TOTAL	\$ 100,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:	Storm Water Master Plan Recommendations #5
Project Number:	620000
Project Cost:	\$ 50,000.00
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		
	Estimate	% of total
Design/Planning	\$ 10,000.00	20%
Construction	\$ 40,000.00	80%
TOTAL	\$ 50,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 50,000.00	100%
2021-22		0%
TOTAL	\$ 50,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT:	Storm Water Master Plan Recommendations #6
Project Number:	620000
Project Cost:	\$ 50,000.00
Description:	SWMP Recommendations - Develop O&M plan to clear and maintain City drainage. Monitor water elevations on Alder Creek.
Benefits:	Reduce flooding and provide better drainage throughout town.
Cost Calculation:	Eng Estimate
O & M Impact:	Funded from Storm Sewer Capital Fund.

BUDGET		
	Estimate	% of total
Design/Planning	\$ 50,000.00	100%
Construction		0%
TOTAL	\$ 50,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%

Public Works Equipment

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 610005

Project Cost: \$ 41,000.00

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

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 41,000.00	100%	Parks 001-429-610005	\$ 1,230.00	3%
			Storm 028-430-610005	\$ 4,100.00	10%
			Water 029-430-610005	\$ 16,810.00	41%
			Sanitation 034-430-610005	\$ 4,100.00	10%
			Sewer 038-430-610005	\$ 13,530.00	33%
			Streets 040-431-610005	\$ 1,230.00	3%
TOTAL	\$ 41,000.00	100%	TOTAL	\$ 41,000.00	100%

	SCHEDULE	
	Amount	% of total
Fiscal Year		
2016-17	\$ 41,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 41,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: **Generator for City Hall/Public Works Buildings**

Project Number: 610007

Project Cost: \$ 12,000.00

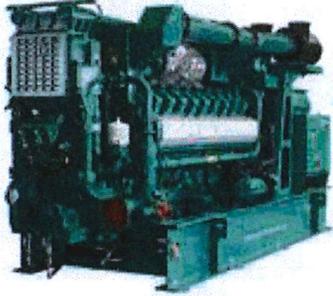
Description: **Rewire City Hall generator provide a new generator for Public Works**

Benefits: **Allow for improved reliability of electric service to City Hall, Police, Fire and Public Works operations during power outages**

Cost Calculation: **New**

O & M Impact: **Budgeted from 2013 due to cut backs in utility receipts**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 12,000.00	100%	Parks 001-429-610007	\$ 360.00	3%
			Storm 028-430-610007	\$ 1,200.00	10%
			Water 029-430-610007	\$ 4,920.00	41%
			Sanitation 034-430-610007	\$ 1,200.00	10%
			Sewer 038-430-610007	\$ 3,960.00	33%
			Streets 040-431-610007	\$ 360.00	3%
TOTAL	\$ 12,000.00	100%	TOTAL	\$ 12,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 12,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL	\$ 12,000.00	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Uninterrupted Power Supply (UPS) for WTP SCADA System

Project Number: 620021

Project Cost: \$ 30,000.00

Description: The UPS maintains power to the SCADA panel and computers during the transfer from utility power to the generator during power outages.

Benefits: This unit is essential to maintain plant operations during power failure.

Cost Calculation: Vendor quote

O & M Impact: The current UPS is outdated and at the expected life cycle and has never been replaced by a newer model.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 30,000.00	100%	Parks 001-429-		0%
			Storm 028-430		0%
			Water 029-430-6100	\$ 30,000.00	100%
			Sanitation 034-430		0%
			Sewer 038-430		0%
			Streets 040-431		0%
TOTAL	\$ 30,000.00	100%	TOTAL	\$ 30,000.00	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>2016-17</td> <td style="text-align: right;">\$ 30,000.00</td> <td style="text-align: right;">100%</td> </tr> <tr> <td>2017-18</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2018-19</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2019-20</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2020-21</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2021-22</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 30,000.00</td> <td style="text-align: right;">100%</td> </tr> </tbody> </table>	SCHEDULE			Fiscal Year	Amount	% of total	2016-17	\$ 30,000.00	100%	2017-18		0%	2018-19		0%	2019-20		0%	2020-21		0%	2021-22		0%	TOTAL	\$ 30,000.00	100%
SCHEDULE																												
Fiscal Year	Amount	% of total																										
2016-17	\$ 30,000.00	100%																										
2017-18		0%																										
2018-19		0%																										
2019-20		0%																										
2020-21		0%																										
2021-22		0%																										
TOTAL	\$ 30,000.00	100%																										

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Chlorine System Rectifier for Water Treatment Plant

Project Number: 610022

Project Cost: \$ 30,000.00

Description: Unit to convert alternating current (AC) to direct current (DC) for the Water Treatment Plant chlorine manufacturing system.

Benefits: The Rectifier is beyond its life expectancy and the manufacturer is no longer in business for support, service or replacement parts. The Chlo-Tec system is 13 years old.

Cost Calculation: Vendor quote

O & M Impact: The existing rectifier is beyond its life expectancy and the manufacturer is no longer in business for service support.

BUDGET		
	Estimate	% of total
	\$ 30,000.00	100%
TOTAL	\$ 30,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Parks 001-429		0%
Storm 028-430		0%
Water 029-430-6200	\$ 30,000.00	100%
Sanitation 034-430		0%
Sewer 038-430		0%
Streets 040-431		0%
TOTAL	\$ 30,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 30,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 30,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: WTP Side by Side Utility Vehicle

Project Number: 610023

Project Cost: \$ 14,000.00

Description: We have been using our truck for spraying around fences and roadsides at water facility, dams, Raw water reservoir and South water reservoir. Plus we have all the water main lines cleared now, (Approx. 6 miles), which will need continual spraying, brushing and keeping trees clear. We could also use this for water main repairs and inspections as well.

Benefits: Increase access with smaller vehicle and increased efficiency in maintenance tasks.

Cost Calculation: Quotes

O & M Impact: Reduce wear and tear and provide safer transport.

BUDGET	Estimate	% of total	FUNDING SOURCES	Amount	% of total
	\$ 14,000	100%	Source		
			Parks 001-429-		0%
			Storm 028-430-		0%
			Water 029-430-	\$ 14,000.00	100%
			Sanitation 034-430		0%
			Sewer 038-430-		0%
			Streets 040-431-		0%
TOTAL	\$ 14,000	100%	TOTAL	\$ 14,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 14,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL	\$ 14,000.00	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT:

Project Number:

Project Cost:

Description:

Benefits:

Cost Calculation:

O & M Impact:

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$15,000.00	100%	Parks 001-429		0%
			Storm 028-430		0%
			Water 029-430		0%
			Sanitation 034-430		0%
			Sewer 038-430	\$ 15,000.00	100%
			Streets 040-431		0%
TOTAL	\$15,000.00	100%	TOTAL	\$ 15,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17	\$ 15,000.00	100%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21		0%
2021-22		0%	
TOTAL	\$ 15,000.00	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: 5-Yard Dump Truck

Project Number: 610013

Project Cost: \$ 100,000

Description: Purchase new 5-cubic yard dump truck

Benefits: Replace 5 CY older equipment, old equipment is decades in age

Cost Calculation: Quotes

O & M Impact: Less travel time to haul material from PW Yard and haul ditch maintenance debris to disposal site from file operations.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 100,000	100%	Parks 001-429-6100_____	\$ 3,000	3%
			Storm 028-430-6100_____	\$ 11,000	11%
			Water 029-430-6100_____	\$ 46,000	46%
			Sanitation 034-430_____		0%
			Sewer 038-430-6100_____	\$ 36,000	36%
			Streets 040-431-6100_____	\$ 4,000	4%
TOTAL	\$ 100,000	100%	TOTAL	\$ 100,000	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17	\$ 100,000	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 100,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

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

Project Number: 610005

Project Cost: \$ 44,000.00

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
	\$ 44,000.00	100%
TOTAL	\$ 44,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Parks 001-429-610005	\$ 880.00	2%
Storm 028-430-610005	\$ 1,320.00	3%
Water 029-430-610005	\$ 18,480.00	42%
Sanitation 034-430-610005	\$ 5,720.00	13%
Sewer 038-430-610005	\$ 13,640.00	31%
Streets 040-431-610005	\$ 3,960.00	9%
TOTAL	\$ 44,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 44,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 44,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Vacuum Trailer

Project Number: 62000

Project Cost: \$80,000.00

Description: A trailer mounted vacuum pump system approximately 300 gallon capacity with a couple hundred gallon water tank and hydraulic valve operator

Benefits: Utilized for installing water services and cleaning of sewer manholes. Could also have capability to run a valve operator to cycle large water valve that require 100+ TURNS

Cost Calculation: Estimate

O & M Impact: Reduce wear and tear on combination truck, allow two crews to preform similar operations at the same time.

BUDGET		
	Estimate	% of total
	\$80,000.00	100%
TOTAL	\$80,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Parks 001-429	\$ -	0%
Storm 028-430	\$ 16,000.00	20%
Water 029-430	\$ 32,000.00	40%
Sanitation 034-430		0%
Sewer 038-430	\$ 32,000.00	40%
Streets 040-431		0%
TOTAL	\$ 80,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18	\$ 80,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 80,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Forklift

Project Number: 610000

Project Cost: \$ 20,000.00

Description: Purchase new or used forklift for water treatment plant.

Benefits: We have been renting a forklift since in operation but the plant is getting older and our work load (lifting pumps,etc) and needed equipment (truck delivery's) has increased greatly.

Cost Calculation: Estimate

O & M Impact: Able to organize product and load and unload items from delivery trucks.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 20,000.00	100%	Parks 001-429		0%
			Storm 028-430		0%
			Water 029-430-610013	\$ 20,000.00	100%
			Sanitation 034-430		0%
			Sewer 038-430		0%
			Streets 040-431		0%
TOTAL	\$ 20,000.00	100%	TOTAL	\$ 20,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18	\$ 20,000.00	100%
	2018-19		0%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL	\$ 20,000.00	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Pole Camera

Project Number: 62000

Project Cost: \$14,000.00

Description: Telescopic pole mounted camera

Benefits: Perform swift inspections and surveys of pipelines, wet wells, manholes, sewer treatment plant syncs with existing inspection database.

Cost Calculation: Quote

O & M Impact: Funded from sewer fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 14,000.00	100%	Parks 001-429		0%
			Storm 028-430		0%
			Water 029-430		0%
			Sanitation 034-430		0%
			Sewer 038-430	\$ 14,000.00	100%
			Streets 040-431		0%
TOTAL	\$ 14,000.00	100%	TOTAL	\$ 14,000.00	100%

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 14,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 14,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: 1-Ton Service Truck Purchase

Project Number: 610005

Project Cost: \$ 47,000.00

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

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 47,000.00	100%	Parks 001-429-610005	\$ 940.00	2%
			Storm 028-430-610005	\$ 1,410.00	3%
			Water 029-430-610005	\$ 19,740.00	42%
			Sanitation 034-430-610005	\$ 6,110.00	13%
			Sewer 038-430-610005	\$ 14,570.00	31%
			Streets 040-431-610005	\$ 4,230.00	9%
TOTAL	\$ 47,000.00	100%	TOTAL	\$ 47,000.00	100%

	Amount	% of total
SCHEDULE		
Fiscal Year		
2016-17		0%
2017-18		0%
2018-19	\$ 47,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 47,000.00	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Camera Transporter Upgrade to Tracks

Project Number: 62000

Project Cost: \$25,000.00

Description: Tracks for sewer camera transporter.

Benefits: Perform swift inspections and surveys of pipelines, wet wells, manholes, and sewer treatment plant syncs with existing inspection database.

Cost Calculation: Quote

O & M Impact: Funded from sewer fund.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 25,000.00	100%	Parks 001-429		0%
			Storm 028-430		0%
			Water 029-430		0%
			Sanitation 034-430		0%
			Sewer 038-430	\$ 25,000.00	100%
			Streets 040-431		0%
TOTAL	\$ 25,000.00	100%	TOTAL	\$ 25,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18		0%
	2018-19	\$ 25,000.00	100%
	2019-20		0%
	2020-21		0%
	2021-22		0%
TOTAL	\$ 25,000.00	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Purchase Side Loading Garbage Truck

Project Number: 610000

Project Cost: \$ 400,000.00

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 400,000.00	100%	034-430-610008	\$ 400,000.00	100%
TOTAL	\$ 400,000.00	100%	TOTAL	\$ 400,000.00	100%

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19	\$ 400,000.00	100%
2019-20		0%
2020-21		0%
2021-22		0%
TOTAL	\$ 400,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 610005

Project Cost: \$ 50,000.00

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

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 50,000.00	100%	Parks 001-429-610005	\$ 1,000.00	2%
			Storm 028-430-610005	\$ 1,500.00	3%
			Water 029-430-610005	\$ 21,000.00	42%
			Sanitation 034-430-610005	\$ 6,500.00	13%
			Sewer 038-430-610005	\$ 15,500.00	31%
			Streets 040-431-610005	\$ 4,500.00	9%
TOTAL	\$ 50,000.00	100%	TOTAL	\$ 50,000.00	100%

	SCHEDULE	
	Amount	% of total
Fiscal Year		
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 50,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 50,000.00	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Purchase Bucket Truck

Project Number:

Project Cost: \$ 72,000.00

Description: Purchase Bucket Truck.

Benefits: Replace aging equipment.

Cost Calculation: New

O & M Impact: Lower ongoing maintenance costs and provide a more reliable and safer truck.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 72,000.00	100%	Parks 001-429-6100	\$ 9,360.00	13%
			Storm 028-430-6100		0%
			Water 029-430-6100		0%
			Sanitation 034-430-6100		0%
			Sewer 038-430-6100		0%
			Streets 040-431-6100	\$ 62,640.00	87%
TOTAL	\$ 72,000.00	100%	TOTAL	\$ 72,000.00	100%

	SCHEDULE	
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 72,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 72,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 6100__

Project Cost: \$ 150,000.00

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
	\$ 150,000.00	100%	Parks 001-429	\$ -	0%
			Storm 028-430-61000__	\$ 67,500.00	45%
			Water 029-430	\$ -	0%
			Sanitation 034-430	\$ -	0%
			Sewer 038-430-61000__	\$ 15,000.00	10%
			Streets 040-431-61000__	\$ 67,500.00	45%
TOTAL	\$ 150,000.00	100%	TOTAL	\$ 150,000.00	100%

	SCHEDULE	
	Amount	% of total
Fiscal Year		
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 150,000.00	100%
2020-21		0%
2021-22		0%
TOTAL	\$ 150,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 610005

Project Cost: \$ 50,000.00

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

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 50,000.00	100%	Parks 001-429-610005	\$ 1,000.00	2%
			Storm 028-430-610005	\$ 1,500.00	3%
			Water 029-430-610005	\$ 21,000.00	42%
			Sanitation 034-430-610005	\$ 6,500.00	13%
			Sewer 038-430-610005	\$ 15,500.00	31%
			Streets 040-431-610005	\$ 4,500.00	9%
TOTAL	\$ 50,000.00	100%	TOTAL	\$ 50,000.00	100%

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 50,000.00	100%
2021-22		0%
TOTAL	\$ 50,000.00	100%



**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Purchase New Backhoe

Project Number: 610001

Project Cost: \$ 170,000.00

Description: Purchase new backhoe

Benefits: Replace aging equipment

Cost Calculation: New

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

BUDGET		
	Estimate	% of total
	\$ 170,000.00	100%
TOTAL	\$ 170,000.00	100%

FUNDING SOURCES		
Source	Amount	% of total
Parks 001-429-610001	\$ 3,400.00	2%
Storm 028-430-610001	\$ 5,100.00	3%
Water 029-430-610001	\$ 71,400.00	42%
Sanitation 034-430-610001		0%
Sewer 038-430-610001	\$ 52,700.00	31%
Streets 040-431-610001	\$ 37,400.00	22%
TOTAL	\$ 170,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 170,000.00	100%
2021-22		0%
TOTAL	\$ 170,000.00	100%

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: Water Treatment Plant Air Compressor

Project Number: 6100 ____

Project Cost: \$ 30,000.00

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
	\$ 30,000.00	100%	Parks 001-429		0%
			Storm 028-430		0%
			Water 029-430-6100 ____	\$ 30,000.00	100%
			Sanitation 034-430		0%
			Sewer 038-430		0%
			Streets 040-431		0%
TOTAL	\$ 30,000.00	100%	TOTAL	\$ 30,000.00	100%

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2016-17		0%
	2017-18		0%
	2018-19		0%
	2019-20		0%
	2020-21	\$ 30,000.00	100%
	2021-22		0%
TOTAL	\$ 30,000.00	100%	

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Water Treatment Plant Air Compressor

Project Number: 6100__

Project Cost: \$ 30,000.00

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
	\$ 30,000.00	100%	Parks 001-429	\$ -	0%
			Storm 028-430	\$ -	0%
			Water 029-430-6100__	\$ 30,000.00	100%
			Sanitation 034-430	\$ -	0%
			Sewer 038-430	\$ -	0%
			Streets 040-431	\$ -	0%
TOTAL	\$ 30,000.00	100%	TOTAL	\$ 30,000.00	100%

SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 30,000.00	100%
TOTAL	\$ 30,000.00	100%



CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

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

Project Number: 610005

Project Cost: \$ 50,000.00

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

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 50,000.00	100%	Parks 001-429-610005	\$ 1,000.00	2%
			Storm 028-430-610005	\$ 1,500.00	3%
			Water 029-430-610005	\$ 21,000.00	42%
			Sanitation 034-430-610005	\$ 6,500.00	13%
			Sewer 038-430-610005	\$ 15,500.00	31%
			Streets 040-431-610005	\$ 4,500.00	9%
TOTAL	\$ 50,000.00	100%	TOTAL	\$ 50,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
2021-22	\$ 50,000.00	100%
TOTAL	\$ 50,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Purchase Front Loading Garbage Truck

Project Number: 610000

Project Cost: \$ 425,000.00

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	Estimate	% of total	FUNDING SOURCES		
	\$ 425,000.00	100%	Source	Amount	% of total
			034-430-610000	\$ 425,000.00	100%
TOTAL	\$ 425,000.00	100%	TOTAL	\$ 425,000.00	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>2016-17</td> <td></td> <td></td> </tr> <tr> <td>2017-18</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2018-19</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2019-20</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2020-21</td> <td></td> <td style="text-align: right;">0%</td> </tr> <tr> <td>2021-22</td> <td style="text-align: right;">\$ 425,000.00</td> <td style="text-align: right;">100%</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 425,000.00</td> <td style="text-align: right;">100%</td> </tr> </tbody> </table>	SCHEDULE			Fiscal Year	Amount	% of total	2016-17			2017-18		0%	2018-19		0%	2019-20		0%	2020-21		0%	2021-22	\$ 425,000.00	100%	TOTAL	\$ 425,000.00	100%
SCHEDULE																												
Fiscal Year	Amount	% of total																										
2016-17																												
2017-18		0%																										
2018-19		0%																										
2019-20		0%																										
2020-21		0%																										
2021-22	\$ 425,000.00	100%																										
TOTAL	\$ 425,000.00	100%																										

Wilmington Marriott



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Warrenton Marina

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Warrenton Marina Upgrade Project

Project Number: 2016-2017

Project Cost: \$60,000

Description: To Help with the Urban Renewal Project of Marina Upgrade on A-Dock

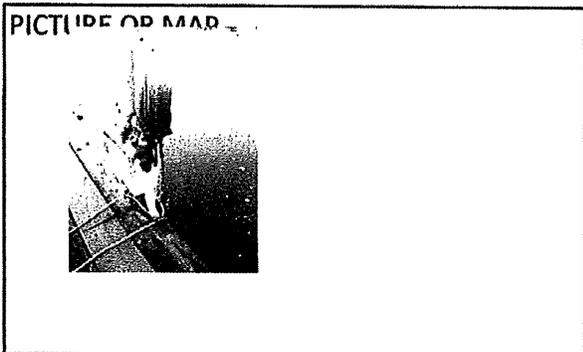
Benefits: To help with the cost of the Urban Renewal Project Ramp, Electrical, Floats

Cost Calculation: \$60,000

O & M Impact: Did not have funds to complete this project from Urban Renewal

BUDGET		
	Estimate	% of total
012-461-62000	\$60,000	100%

FUNDING SOURCES		
Source	Amount	% of total
Warrenton	\$60,000	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2016-2017	: \$60,000	

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET
2016-2017

PROJECT: Warrenton Marina Improvements- Unallocated

Project Number: 2016-2017

Project Cost: \$54,477

Description:

Benefits: Other improvements as deemed necessary. Will be reserved for future expenditure if not appropriated this year

Cost Calculation:

O & M Impact:

BUDGET		
	Estimate	% of total
010-461-620000		100%

FUNDING SOURCES		
Source	Amount	% of total
Warrenton	\$54,477	100%
TOTAL		

PICTURE OR MAP

SCHEDULE		
Fiscal Year	Amount	% of total
2016-2017	\$54,477	

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Hammond Marina

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

2016-2017

PROJECT: Hammond Marina Bank Stabilization Project

Project Number: 013-461-620008

Project Cost: \$65,000

Description: Bank Stabilization is needed between A-Dock and the old Fuel Dock. This is in the Masterplan. The Marina has lost more shoreline this winter due to High water and East winds and lots of rain.

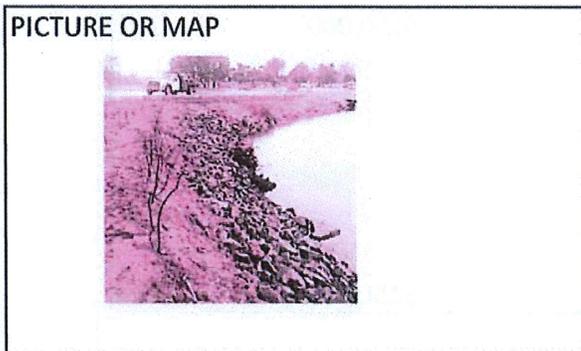
Benefits: to keep the shoreline from eroding into the marina facilities. High tides and High winds have taken more shoreline this winter.

Cost Calculation: \$65,000 250 linear feet of Shoreline
240 linear feet of shoreline was done in 2015-2016 for appx. \$60,000 dollars

O & M Impact:

BUDGET		
	Estimate	% of total
013-461-620009	\$65,000	100%

FUNDING SOURCES		
Source	Amount	% of Total
City of Warrenton Hammond Marina	\$65,000	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of Total
2016-2017	\$65,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Hammond Marina

Project Number: _____

Project Cost: \$150,000

Description: Land Acquisition of Hammond Marina from the U.S. Army Corps of Engineers and the Boat Ramp

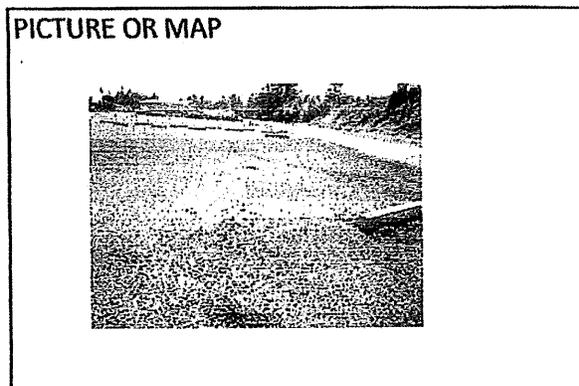
Benefits: For the City of Warrenton to own the 59.2 acres at the Hammond Marina

Cost Calculation: Estimated at around \$150,000

O & M Impact: These funds are for the transfer of the Lease property from the U.S. Army Corps of Engineers to the City of Warrenton to own the Hammond. This includes all of the Permits, Paper work, wages, Titles and etc.

BUDGET		
	Estimate	% of total
013-461-620000	\$150,000	100%
	\$150,000	

FUNDING SOURCES		
Source	Amount	% of total
013-461-620000		100%
TOTAL	\$150,000	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2016-2017	\$150,000	100
	\$150,000	100%

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET**

PROJECT: Hammond Marina Improvements - Unallocated

Project Number: 013-461-620000

Project Cost: \$303,000

Description: Other improvements as deemed necessary. Will be reserved for future expenditure if not appropriated this year.

Benefits:

Cost Calculation:

O & M Impact:

BUDGET		
	Estimate	% of total
013-461-620000	\$303,000	100%

FUNDING SOURCES		
Source	Amount	% of total
Hammond	\$303,000	100%
013-461-620000		
TOTAL		

PICTURE OR MAP		

SCHEDULE		
Fiscal Year	Amount	% of total
2016-2017	\$303,000	100%

"Making a difference through excellence of service"



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Tansy Point Dock

CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL SHEET

PROJECT: Tansy Point Dock Anodes
Project Number: FY 2016-2017
Project Cost: \$101,978

Description:

Corrossion 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. The amount above is what has been saved so far.

O & M Impact:

Provides protection and mitigates major repairs due to corrossion.

BUDGET		
	Estimate	% of total
Anodes	101,978	100%

FUNDING SOURCES		
Source	Amount	% of total
Capital Reserve 072-410-620000	101,978	100%
TOTAL		

PICTURE OR MAP

SCHEDULE		
Fiscal Year	Amount	% of total
2015-2016	101,978	100%
2016-2017		
2017-2018		
2018-2019		
2019-2020		
2020-2021		