

*"Making a difference through excellence of service"*



## CITY OF WARRENTON

# CAPITAL IMPROVEMENT PROGRAM

2016 - 2021



April 7, 2015:  
April 8, 2015:  
April 30, 2015:  
May 14, 2015:  
June 23, 2015:  
June 23, 2015:

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



CITY OF NARRAGANSETT

CAPITAL IMPROVEMENT PROGRAM

2001 - 2002

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## **2016-21 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.

## **2016-21 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.

2016-2021 Capital Improvement Program

Secure

Pg #	TITLE	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Funding
<b>GENERAL FUND DEPARTMENTS</b>								
12	Police Department Building Completion Project	30,000						y
13	Sound System	13,000						y
14	Police Vehicle Replacement Equipment-Unallocated	32,410						y
15	Fire Apparatus Replacement Improvements-Unallocated	278,466						y
16	Soccer Field Playground Equipment	25,000						y
17	QR Ballfield Maintenance Shed Electrical Service	10,000						y
18	QR Ballfield 4 Drainage repair	18,250						y
19	Quincy Robinson Ball Field 3 Drainage	25,000						y
20	Park SDC Improvements-Unallocated	37,060						y
21,25,27,29,32	Police Vehicle Replacement		90,000	90,000	90,000	90,000	90,000	y
22	Fire Department Aerial Fire Apparatus (Ladder Truck)		1,000,000					n
23	Trail 1st to Skipanon		10,000					n
24	Tansy Point Parking Improvements		41,250					n
26	Fort Stevens Parade Ground Park Gazebo replacement			65,000				n
28	Skipanon Riverfront Park Playground Equipment				60,000			n
30	Pacific Park Trail Connections					44,200		n
31	Seafarer's Park Trail Connection					158,400		n
33	QR Park Concession Stand						130,000	n
34	Quincy Robinson Ball Field 2 Musco Lighting						120,000	n
35	Tansy Point Restroom Improvements						260,000	n
36	Warrenton(LCYSA) Soccer Field Trail Connections						158,400	n
	<b>TOTAL GENERAL FUND</b>	<b>469,186</b>	<b>1,141,250</b>	<b>155,000</b>	<b>150,000</b>	<b>292,600</b>	<b>758,400</b>	

<b>WATER UTILITY</b>								
39	NW Cedar Ct (NW Warrenton-NE 5th St)	34,000						y
40	NW Warrenton Drive 18-inch Waterline	1,630,000						y
41	Water SDC Improvements-Unallocated	51,440						y
42	Ridge Road 10 inch Water Main (Pacific-KOA)		250,000					n
43	SE Marlin Ave 18" Waterline (SE 7th-E Harbor)		336,000					n
44	Sixth Avenue 8" Water Main (Lake-Jetty)		72,000					n
45	Raw Waterline Replacement Program			310,000	165,000	165,000	165,000	n
46	SW 4th Street Waterline Replacement			58,000				n
47	SE Anchor Storm (Harbor-SE 3rd)			82,000				n
48	Phase 3 Paving at Water Treatment Plant			30,000				n
49	Fourth Avenue Water Main (Lake-Jetty)			72,000				n
50	Phase 4 Paving at Water Treatment Plant			40,000				n
51	Sixth Avenue 8" Water Main (Iredale-Heceta Ct)			90,000				n
52	Sixth Avenue 8" Water Main (Jetty-Iredale)			65,000				n
53	Fifth Avenue Water Main (Heceta - 300 ft west)			65,000				n
54	Fifth Avenue Water Main (Jetty - w/o Iredale St)			63,000				n
55	Fifth Avenue Water Main (Lake-200' west of Jetty)			61,000				n
56	18 inch Waterline (SWR-North Coast Business Park)			990,000				n
57	Install concrete walls in WTP backwash pond			40,000				n
58	SE 8th Street Watermain Upgrade (Main-Anchor)				54,000			n
59	SE Galena Avenue Waterline Upgrade (E Harbor-SE 5th St)				244,000			n
60	Water Treatment Plant Filter Replacement					1,320,000		n
61	Delaura Beach 18-inch Waterline (S Main-Ridge Rd)					458,000		n
62	Ridge Road 18 inch Water Main (Columbia Beach-Pacific)						2,786,000	n
63	Fort Steven's Park Waterline Extension to Museum						71,000	n
64	SW 9th Street Watermain upgrade (SW Cedar-Juniper)						72,000	n
	<b>TOTAL WATER FUND</b>	<b>1,715,440</b>	<b>658,000</b>	<b>1,966,000</b>	<b>463,000</b>	<b>1,943,000</b>	<b>3,094,000</b>	

TOTAL ALL FUNDS THIS PAGE

2,184,626    1,799,250    2,121,000    613,000    2,235,600    3,852,400

**2016-2021 Capital Improvement Program**

Pg #

TITLE

FISCAL YEAR 2015-2016 FUNDING SOURCE SUMMARY

<b>GENERAL FUND DEPARTMENTS</b>		<i>Capital Reserves</i>	<i>SDC</i>	<i>Debt Bond</i>	<i>GO</i>	<i>Grants</i>	<i>Quincy Robinson</i>	<i>General Fund</i>	<i>Total</i>
12	Police Department Building Completion Project	30,000							30,000
13	Sound System	13,000							13,000
	Police Vehicle Replacement Equipment-Unallocated	32,410							32,410
15	Fire Apparatus Replacement Improvements-Unallocated	278,466							278,466
16	Soccer Field Playground Equipment						25,000		25,000
17	QR Ballfield Maintenance Shed Electrical Service						10,000		10,000
18	QR Ballfield 4 Drainage repair						18,250		18,250
19	Quincy Robinson Ball Field 3 Drainage						25,000		25,000
20	Park SDC Improvements-Unallocated		37,060						37,060
<i>Funding Source Totals</i>		353,876	37,060	0	0	0	78,250	0	469,186

<b>WATER UTILITY</b>		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
39	NW Cedar Ct (NW Warrenton-NE 5th St)	34,000					34,000
40	NW Warrenton Drive 18-inch Waterline			1,222,500	407,500		1,630,000
41	Water SDC Improvements-Unallocated		51,440				51,440
<i>Funding Source Totals</i>		34,000	51,440	1,222,500	407,500	0	1,715,440

**COLUMN TOTALS THIS PAGE**

<b>387,876</b>	<b>88,500</b>	<b>1,222,500</b>	<b>407,500</b>	<b>78,250</b>	<b>-</b>	<b>2,184,626</b>
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**2016-2021 Capital Improvement Program**

Secure

Pg #	TITLE	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Funding
<b>SEWER UTILITY</b>								
67	Core Conveyance	1,613,504						y
68	Ensign Pump Station Rebuild	306,800						y/n
69	SE 12th Street & Marlin Collector Line Repair	59,000						y
70	NW Cedar Ct (Warrenton-NW 5th St)	20,000						y
71	Infiltration & Inflow (I&I) Reduction Program	35,000	25,000	20,000	20,000	20,000	20,000	y/n
72	WWTP North Lagoon Decommissioning	8,000	25,000					y/n
73	SE 2nd Street & Marlin Ave Pump Station Upgrade	177,000						y
74	In-Plant Pump Station Flowmeter	10,000						y
75	Sewer SDC Improvements-Unallocated	183,400						y
76	NW Jetty and Pacific Pump Station Upgrade		306,800					n
77	Additional Section for Motor Control Center 2 (MCC2)		30,000					n
78	Additional Sludge Lagoon Mixers		40,000					n
79	Effluent PLC integration		20,000					n
80	Air Flow Meter for SBR Lines		10,000					n
81	Ultraviolet (UV) PLC		60,000					n
82	WWTP Headworks Parallel Finescreen Project		40,000					n
83	WWTP Asphalt Project		60,000					n
84	Twin Spruce Sewer System			385,000				n
85	SE Marlin & 101 (Putnam) Pump Station Upgrade			177,000				n
86	NW 7th St & Enterprise Pump Station Upgrade			306,800				n
87	Remove Piping in East Sludge Lagoon at WWTP			20,000				n
88	4th UV Disinfection Module			30,000				n
89	Fourth (4th) SBR Basin Construction Project					500,000		y
90	Biosolids Removal Project						500,000	y
	<b>TOTAL SEWER FUND</b>	<b>2,412,704</b>	<b>616,800</b>	<b>938,800</b>	<b>20,000</b>	<b>520,000</b>	<b>520,000</b>	

**SANITATION**

93	SW 1st Street Recycling Center Upgrades	33,000						y
	<b>TOTAL SANITATION</b>	<b>33,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

**STREETS**

96	SW Delaura Beach Trail	116,306						y
97	Hammond Post Office /E Harbor Sidewalks	100,000						y
98	NW Cedar Ct (NW Warrenton-NE 5th St)	83,000						y
99	Improve Chokeberry Ave (220 lf north of SE 19th St)	90,000						y
100	NW 13th St & Warrenton Dr Trail and Drainage	91,000						y
101	SW 3rd St Improvement (Main Ct - Main Ave)	63,000						y
102	N Main/NW 7th Place Improvements	391,600						y
103	Streets SDC Improvements-Unallocated	550,650						y
104	E Harbor St Sidewalks to Hwy 101		100,000	100,000	100,000	100,000	100,000	n
105	SE 2nd Street (SE Marlin-Warrenton Commercial Ctr)		100,000					n
106	SE 2nd Street (SE King - Marlin)		225,000					n
107	SW 4th Street (S Main-SW Alder Ct)		118,000					n
108	NE Skipanon Improvement Project (Main-1800' North)		143,000					n
109	Fourth Avenue Improvement Project (Lake-Jetty)		195,000					n
110	SW 2nd Street (Elm - Gardenia)		48,000	267,000				n
111	SE Anchor Storm (Harbor-SE 3rd St) Improvements			210,000				n
112	SW Alder Ave Reconstruction Project (SW 1st-SW 3rd)			185,000				n
113	SE Main Court Reconstruction Project (SE 9th-SE 11th)				107,000			n
114	SE 2nd Street Improvement (Main-Skipanon River Park)					281,000		n
115	S Main Avenue & SW 14th Place (Orchard Subdivision)					24,000		n
	<b>TOTAL STREET FUND</b>	<b>1,485,556</b>	<b>929,000</b>	<b>762,000</b>	<b>207,000</b>	<b>405,000</b>	<b>100,000</b>	

**TOTAL ALL FUNDS THIS PAGE**

**3,931,260    1,545,800    1,700,800    227,000    925,000    620,000**

**2016-2021 Capital Improvement Program**

Pg #

TITLE

FISCAL YEAR 2015-2016 FUNDING SOURCE SUMMARY

<b>SEWER UTILITY</b>		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
67	Core Conveyance			1,613,504			1,613,504
68	Ensign Pump Station Rebuild			306,800			306,800
69	SE 12th Street & Marlin Collector Line Repair	59,000					59,000
70	NW Cedar Ct (Warrenton-NW 5th St)	20,000					20,000
71	Infiltration & Inflow (I&I) Reduction Program	35,000					35,000
72	WWTP North Lagoon Decommissioning	8,000					8,000
73	SE 2nd Street & Marlin Ave Pump Station Upgrade	177,000					177,000
74	In-Plant Pump Station Flowmeter	10,000					10,000
75	Sewer SDC Improvements-Unallocated		183,400				183,400
<i>Funding Source Totals</i>		<i>309,000</i>	<i>183,400</i>	<i>1,920,304</i>	<i>0</i>	<i>0</i>	<i>2,412,704</i>

<b>SANITATION</b>		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Total</i>
93	SW 1st Street Recycling Center Upgrades	33,000					33,000
<i>Funding Source Totals</i>		<i>33,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>33,000</i>

<b>STREETS</b>		<i>Capital Reserve</i>	<i>SDC</i>	<i>Debt Loans</i>	<i>Grants</i>	<i>Capital Contribution</i>	<i>Fuel Tax</i>	<i>Total</i>
96	SW Delaura Beach Trail				116,306			116,306
97	Hammond Post Office /E Harbor Sidewalks				100,000			100,000
98	NW Cedar Ct (NW Warrenton-NE 5th St)					83,000		83,000
99	Improve Chokeberry Ave (220 lf north of SE 19th St)					90,000		90,000
100	NW 13th St & Warrenton Dr Trail and Drainage					91,000		91,000
101	SW 3rd St Improvement (Main Ct - Main Ave)					63,000		63,000
102	N Main/NW 7th Place Improvements					391,600		391,600
103	Streets SDC Improvements-Unallocated		550,650					550,650
<i>Funding Source Totals</i>		<i>0</i>	<i>550,650</i>	<i>0</i>	<i>216,306</i>		<i>718,600</i>	<i>1,485,556</i>

**COLUMN TOTALS THIS PAGE**

<b>342,000</b>	<b>734,050</b>	<b>1,920,304</b>	<b>216,306</b>	<b>-</b>	<b>718,600</b>	<b>3,931,260</b>
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**2016-2021 Capital Improvement Program**

Secure

Pg #	TITLE	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Funding
<b>STORM SEWER</b>								
118	SE 4th & Main Stormwater Pump Station Rebuild	63,000						y
119	NW 13th St & Warrenton Dr Trail and Drainage	50,000						y
120	SW 3rd St Improvement Project (Main Ct-Main Ave)	24,000						y
121	Storm Sewer SDC Improvements-Unallocated	40,270						y
122	Tidegate Replacement Program	100,000	50,000	50,000	50,000	50,000		y/n
123	SE Anchor Storm (Harbor - SE 3rd St)			62,000				n
	<b>TOTAL STORM SEWER FUND</b>	<b>277,270</b>	<b>50,000</b>	<b>112,000</b>	<b>50,000</b>	<b>50,000</b>	<b>-</b>	

<b>PUBLIC WORKS EQUIPMENT</b>								
126, 128, 134, 137, 142, 145	1-Ton Service Truck	38,000	41,000	44,000	47,000	50,000	50,000	y
127	Front Load Garbage Truck	300,000						y
129	Generator		80,000					n
130, 138, 146	Non-utility Truck		30,000		32,000		35,000	n
131	UPS for WTP Scada System		38,000					n
132	Chlorine System Rectifier for WTP		40,000					n
133	Mower		45,000					n
135	10 Yard Dump Truck			235,000				n
136	Heavy Duty Trailer for Backhoe			30,000				n
139	Backhoe				170,000			n
140	JD Mower Tractor for Boom Mower				150,000			n
141	Side Loading Garbage Truck				300,000			n
143	WTP Air Compressor					30,000		n
144	Bucket Truck					80,000		n
	<b>TOTAL PUBLIC WORKS EQUIPMENT</b>	<b>338,000</b>	<b>274,000</b>	<b>309,000</b>	<b>699,000</b>	<b>160,000</b>	<b>85,000</b>	

<b>WARRENTON MARINA</b>								
149	E-Dock Electrical Upgrade	55,000						y
150	Marina Improvements-Unallocated	89,477						y
	<b>TOTAL WARRENTON MARINA FUND</b>	<b>144,477</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

<b>HAMMOND MARINA</b>								
153	Bank Stabilization Project	65,000						y
154	Marina Acquisition Costs	150,000						
155	Marina Improvements-Unallocated	204,000						y
	<b>TOTAL HAMMOND MARINA FUND</b>	<b>419,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

<b>TANSY POINT DOCK</b>								
158	Anodes	91,538						y
	<b>TOTAL TANSY POINT DOCK</b>	<b>91,538</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

**TOTAL ALL FUNDS THIS PAGE**      1,270,285    324,000    421,000    749,000    210,000    85,000

GRAND TOTAL ALL PAGES

<b>7,386,171</b>	<b>3,669,050</b>	<b>4,242,800</b>	<b>1,589,000</b>	<b>3,370,600</b>	<b>4,557,400</b>
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Agrees with 2015/2016 City of Warrenton Budget, Capital Outlay, Page 41



**2014-2015 PROJECT STATUS**

**GENERAL FUND**

Command and Patrol Vehicles & Equipment	One 2015 Chevrolet Tahoe 4X4 was purchased in December.
Police Department Building Completion Project	This project will be carried forward to 2015/2016.
Facilities Maintenance - Other	A new walk-in freezer was purchased for the Community Center in March.
Quick Response/Rescue Unit 2751	One 2015 Ford F350 pickup was purchased in February.
Trail 1st to Skipanon	This project will be carried forward to 2016/2017
Fort Stevens Park Bicycle Rack	This project will be completed by June 30, 2015.
Skipanon Park Kayak Dock ADA	This project will be completed by June 30, 2015.
QR Ballfield Maintenance Shed	This project will likely be completed by June 30, 2015.
QR Ballfield 4 Drainage Repair	This project will be carried forward to 2015/2016.
Quincy Robinson Ball Field 3 Drainage	This project will be carried forward to 2015/2016.
Quincy Robinson Ball Field 4 Fencing/Bleachers	This project will be completed by June 30, 2015.
Park SDC Improvements	This funding is for improvements to the Parks. No projects were funded with this revenue stream this year.

**WATER FUND**

SE Pacific waterline (Neptune - YBP Bridge)	This project will be completed by June 30, 2015.
NW Cedar Ct (NW Warrenton-NE 5th St)	This project will be carried forward to 2015/2016.
SW Birch Ct Improvement Project	This project was advertised for bid in January. Will be completed by June 30, 2015.
Water SDC Improvements	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 2015/2016.
Ensign Pump Station Rebuild	This project will be carried forward to 2015/2016.
Lift Station Telemetry Installation	This project will likely be completed by June 30, 2015.
NW Warrenton Drive/NW 9th St Pump Station	Construction has begun. Will likely be completed by June 30, 2015.
NW Jetty and Pacific Pump Station Upgrade	This project has been deferred to 2016/2017.
SE Anchor & 9th Sewer Line Repair	This project was completed in August 2014.
Storage Building/Workshop	This project was advertised for bid in March and will likely be completed by June 30, 2015.
SE 12th Street & Marlin Collector Line Repair	This project will be carried forward to 2015/2016.
Vactor Truck Disposal Facility	This project was advertised for bid in March and will likely be completed by June 30, 2015.
SBR Wall-mounted Dead Zone Mixers	This project will likely be completed by June 30, 2015.
Rebuild Center Sludge Lagoon Dike	This project will be carried forward to 2015/2016.
NW Cedar Ct (NW Warrenton-NE 5th St)	This project will be carried forward to 2015/2016.
Infiltration & Inflow (I & I) Reduction Program	This project will be carried forward to 2015/2016.
WWTP North Lagoon Decommissioning	This project will be carried forward to 2015/2016.
Sewer SDC Improvements	This funding is for improvements to the Sewer system. No projects were funded with this revenue stream this year.

## 2014-2015 PROJECT STATUS

### STREETS

SW Main Court Improvement Project	This project was completed in October 2014.
Rebuild SE Pacific (Subway Bridge-Neptune)	This project will be carried forward to 2015/2016.
SW 2nd St (Elm-Gardenia)	This project will be carried forward to 2015/2016.
NE Pacific (Shilo Entry Road) Improvement	This project will likely be completed by June 30, 2015.
SW Delaura Beach Trail	This project will likely be completed by June 30, 2015.
Hammond Post Office/E Harbor Sidewalks	This project will be carried forward to 2015/2016.
NW Cedar Ct (NW Warrenton-NE 5th St)	This project has been carried forward to 2015/2016.
SW Birch Ct Improvement (W Harbor-SW 2nd)	This project will be completed by June 30, 2015.
Improve Chokeberry Ave (220 lf north of SE 19th St)	This project will be carried forward to 2015/2016.
Street SDC Improvements	This funding is for improvements to Streets. No projects were funded with this revenue stream this year.

### STORM SEWER

SW Birch Ct Improvement (W Harbor-SW 2nd)	This project will be completed by June 30, 2015.
Rebuild SE Pacific (Neptune-YBP Bridge) Improvement	This project will be carried forward to 2015/2016.
SE Anchor Storm (Harbor-SE 3rd) Improvements	This project will be carried forward to 2015/2016.
Storm Sewer SDC Improvements	This funding is for improvements to the Storm system. No projects were funded with this revenue stream this year.

### PUBLIC WORKS EQUIPMENT

1-Ton Service Truck	This was purchased in December 2014.
Mower	This will be purchased by June 30, 2015.
Confined Space PPE	This will be purchased by June 30, 2015.

### WARRENTON MARINA

Outboard Motor	This will be purchased by June 30, 2015.
Other Marina Improvements	No identified projects were scheduled and no expenditures were made from these funds in 2014/2015.

### HAMMOND MARINA

Outboard Motor	This will be purchased by June 30, 2015.
Dredging and Sampling Plan	This project was completed in February 2015.
Waterline Upgrade	This project is not going forward at this time.
Other Marina Improvements	An emergency repair to the parking lot was completed in March 2015. No other expenditures were made from these funds in 2014-2015.

### 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:** Building Completion Project  
**Project Number:** FY 2015-2016 #1  
**Project Cost:** \$30,000

**Description:**

Complete the building that was never completed when the building was built and is now been identified by the Fire Department as needed to be completed to comply with fire codes. This project would come out of the building fund for City Hall.

**Benefits:**

Bring the building up to code and improve safety for building occupants.

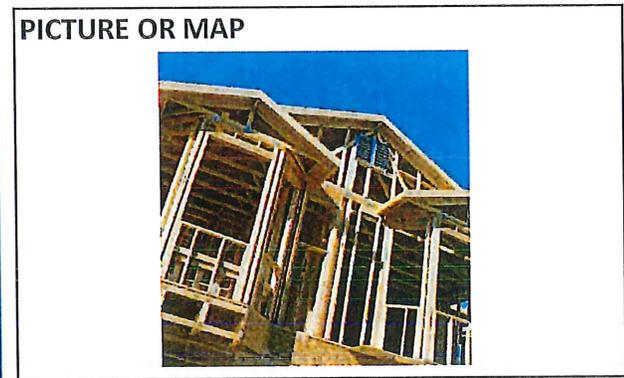
**Cost Calculation:**

Estimates for materials, labor, and contracted services. Engineer of record has been appointed as the project manager and will have more definitive calculations.

**O & M Impact:**

None.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Building Completion	25,000	83	General Fund	30,000	100
Fire Sprinkler Midification	5,000	17	035-410-620004		
			TOTAL		



**SCHEDULE**

Fiscal Year	Amount	% of total
2015-2016	30,000	100

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: SOUND SYSTEM

Project Number: \_\_\_\_\_

Project Cost: \$13,000

Description: 11 Microphones with bases for off/on  
Locking AV Cabinet  
Mixer            Digital Recorder  
Hard-of-Hearing System

Benefits: Includes materials, labor, installation, and training. Will provide completely functional system with state-of-the-art recording benefits, improved amplification and (to start) 1 hard-of-hearing assistant system.

Cost Calculation: Vendor Estimates

O & M Impact: Provides working system. Current system obsolete.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$13,000	100%	035-410-620007	\$13,000	100%
			TOTAL		

PICTURE OR MAP	SCHEDULE		
	Fiscal Year	Amount	% of total
	2015-2016	\$13,000	100%

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: Police Vehicle Replacement Equipment - Unallocated

Project Number: \_\_\_\_\_

Project Cost: \$32,410

Description: Reserved for future scheduled purchases.

Benefits:

Cost Calculation:

O & M Impact:

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
070-495-610000	32,410	100%	071-495-610000	32,410	100%
			TOTAL		

PICTURE OR MAP	SCHEDULE		
	Fiscal Year	Amount	% of total
	2015-2016	32,410	100

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: Fire Apparatus Replacement Improvements - Unallocated

Project Number: \_\_\_\_\_

Project Cost: \$278,466

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
071-495-610000	278,466	100%

FUNDING SOURCES		
Source	Amount	% of total
Fire Apparatus Replacement 071-495-610000	278,466	100%
TOTAL		

PICTURE OR MAP

SCHEDULE		
Fiscal Year	Amount	% of total
2015-2016	278,466	100

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Soccer Field Playground Equipment**

Project Number: 620000

Project Cost: \$ 25,000.00

Description: Install Playground Equipment at Soccer Fields

Benefits: Improve safety & usage of Park

Cost Calculation: PMP

O & M Impact: Funding from Quincy Robinson Fund

BUDGET		
	Estimate	% of total
total	\$ -	0%

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429-620009	\$ 25,000.00	
TOTAL	\$ 25,000.00	0%



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 25,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
total	\$ 25,000.00	100%

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **QR Ballfield Maintenance Shed electrical service**

Project Number: **620000**

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

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

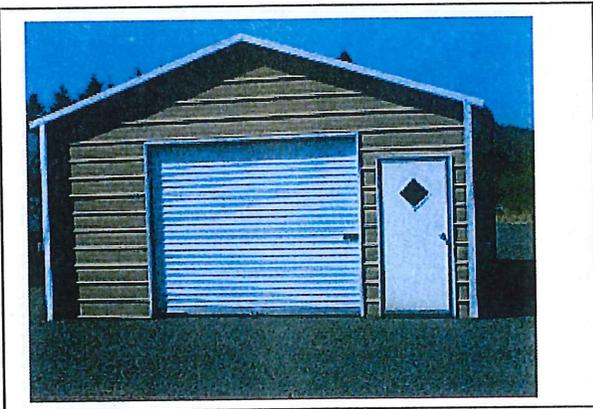
Benefits: **Improve utilization of Parks Equipment Shed and allow for storage of Warrenton Kids baseball Equipment in exiting Concession Building.**

Cost Calculation: **WKL**

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

BUDGET		
	Estimate	% of total
	\$ 10,000.00	100%
<b>total</b>	<b>\$ 10,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429-620084	\$ 10,000.00	100%
<b>TOTAL</b>	<b>\$ 10,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 10,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 10,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **QR Ballfield 4 Drainage repair**

Project Number: **620000**

Project Cost: **\$ 18,250.00**

Description: **Rebuild Ballfield 4 in Quincy Robinson Park**

Benefits: **Improve drainage and aesthetics of Ballfield**

Cost Calculation: **WKI**

O & M Impact: **This project will be bid in 2014-15 but likely still be under construction in 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
	\$ 18,250.00	100%	QR Fund	\$ 18,250.00	100%
			065-429-620010		
<b>total</b>	<b>\$ 18,250.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 18,250.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-17	\$ 18,250.00	100%
2016-18		0%
2017-19		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ -</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **QR Ballfield 3 Drainage repair**

Project Number: **620000**

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

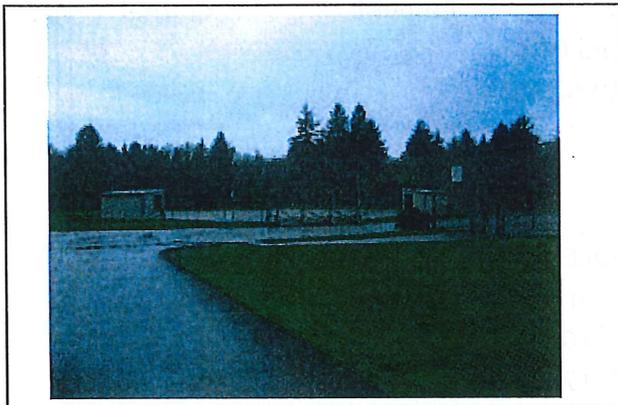
Description: **Rebuild Ballfield 3 in Quincy Robinson Park**

Benefits: **Improve drainage and aesthetics of Ballfield**

Cost Calculation: **WKI**

O & M Impact: **This project will be bid in 2014-15 but likely still be under construction in 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
	\$ 25,000.00	100%	QR Fund	\$ 25,000.00	100%
			065-429-620080		
total	\$ 25,000.00	100%	TOTAL	\$ 25,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 25,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
total	\$ 25,000.00	100%

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET.

**PROJECT:** Park Improvements eligible for SDC funding  
**Project Number:** FY 2015-2016  
**Project Cost:** \$37,060

**Description:**  
 Unallocated SDC revenue funded improvements.

**Benefits:**

**Cost Calculation:**

**O & M Impact:**

BUDGET		
	Estimate	% of total
Park Improvements	37,060	100

FUNDING SOURCES		
Source	Amount	% of total
SDC Fund 003 003-410-620000	37,060	100
TOTAL		

PICTURE OR MAP

SCHEDULE		
Fiscal Year	Amount	% of total
2015-2016	37,060	100
2016-2017		
2017-2018		
2018-2019		
2019-2020		
2020-2021		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Patrol Vehicle Replacement  
**Project Number:** FY 2016-2017 #1  
**Project Cost:** \$90,000

**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:**

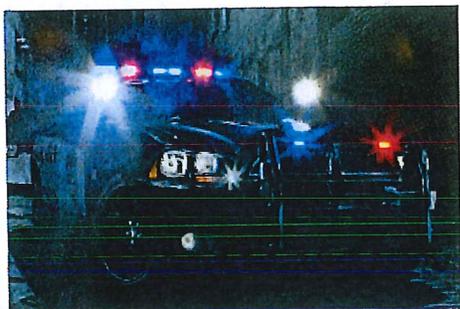
Estimates based on informal quotes from vendors for vehicles + installation of equipment/decals from previous purchase.

**O & M Impact:**

Should help minimize costs as the vehicles will be new and still under warranty for three years.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
2016 Patrol Vehicle	45,000	50	General Fund	90,000	100
2016 Patrol Vehicle	45,000	50			
			TOTAL		

**PICTURE OR MAP**



**SCHEDULE**

Fiscal Year	Amount	% of total
2016-2017	90,000	100

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

**PROJECT:** Aerial Fire Apparatus (ladder truck)

**Project Number:** #1

**Project Cost:** Estimated Cost: \$1,000,000

**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.

**Benefits:** As noted above.

**Cost Calculation:** Estimated Cost: \$950,000

**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
Aerial Apparatus	\$950,000		Bond Levy	\$1,000,000	100%
Equipment	\$50,000				
			<b>TOTAL</b>		

PICTURE OR MAP		SCHEDULE		
		Fiscal Year	Amount	% of total
		To Be Determined		
		5 year or 10 year		
		Bond Levy		
		Suggesting Nov. of 2015 to the Voters	\$1,000,000	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.

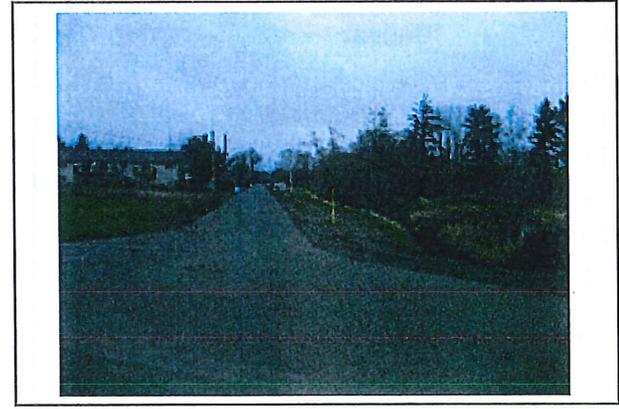
Benefits: Provide connectivity from the Columbia River Front trail to the Warrenton Marina

Cost Calculation: Eng Estimate

O & M Impact: Funded from Quincy Robinson Fund

BUDGET		
	Estimate	% of total
total	\$ -	0%

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 10,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
total	\$ 10,000.00	100%

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Tansy Point Parking Improvements**

Project Number: **620000**

Project Cost: **\$ 41,250.00**

Description: **Install Parking area at Tansy Point for Riverfront Trail access.**

Benefits: **Improve accessibility for Warrenton Trail System**

Cost Calculation: **PMP**

O & M Impact: **Funded from Quincy-Robinson Trust Fund to improve access and usage for riverfront trail system.**

BUDGET		
	Estimate	% of total
	\$ 41,250.00	100%
<b>total</b>	<b>\$ 41,250.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429	\$ 41,250.00	100%
<b>TOTAL</b>	<b>\$ 41,250.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 41,250.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 41,250.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Patrol Vehicle Replacement  
**Project Number:** FY 2017-2018 #1  
**Project Cost:** \$90,000

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

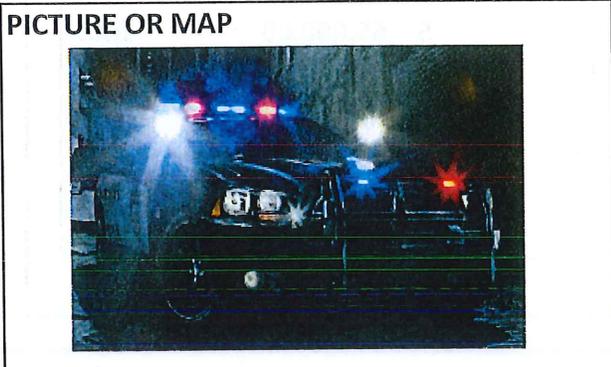
**Benefits:**  
 Improve officer/equipment safety, reduce repair & maintenance costs, improve public image.

**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
2017 Patrol Vehicle	45,000	50
2017 Patrol Vehicle	45,000	50

FUNDING SOURCES		
Source	Amount	% of total
General Fund	90,000	100
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2017-2018	90,000	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	
<b>total</b>	<b>\$ 65,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 65,000.00</b>	<b>0%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 65,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 65,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Patrol Vehicle Replacement  
**Project Number:** FY 2018-2019 #1  
**Project Cost:** \$90,000

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

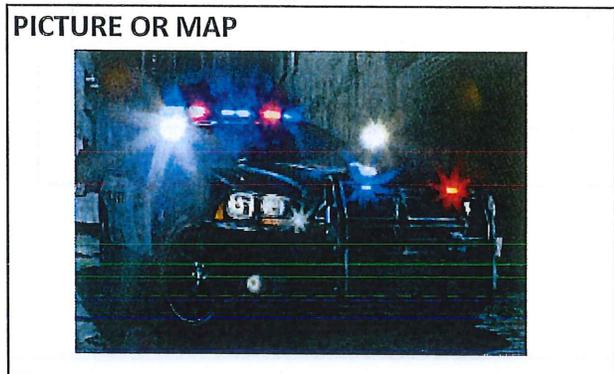
**Benefits:**  
 Improve officer/equipment safety, reduce repair & maintenance costs, improve public image.

**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	45,000	50
2018 Patrol Vehicle	45,000	50

FUNDING SOURCES		
Source	Amount	% of total
General Fund	90,000	100
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2018-2019	90,000	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	
<b>total</b>	<b>\$ 60,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 60,000.00</b>	<b>0%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19	\$ 60,000.00	100%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 60,000.00</b>	<b>0%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Patrol Vehicle Replacement  
**Project Number:** FY 2019-2020 #1  
**Project Cost:** \$90,000

**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:**

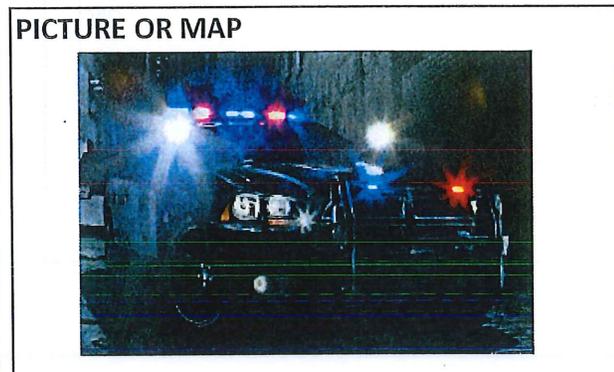
Estimates based on informal quotes from vendors for vehicles + installation of equipment/decals from previous purchase.

**O & M Impact:**

Should help minimize costs as the vehicles will be new and still under warranty for three years.

BUDGET		
	Estimate	% of total
2019 Patrol Vehicle	45,000	50
2019 Patrol Vehicle	45,000	50

FUNDING SOURCES		
Source	Amount	% of total
General Fund	90,000	100
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2019-2020	90,000	100

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Pacific Park Trail Connections**

Project Number: 620000

Project Cost: \$ 44,200.00

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

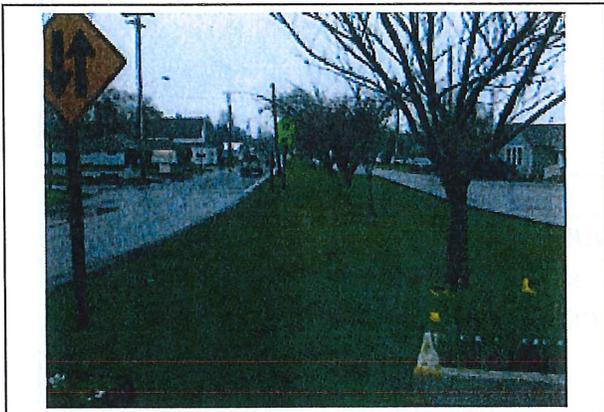
Benefits: Improved access to Trail System.

Cost Calculation: PMP

O & M Impact: Funding from Quincy Robinson Trust Fund

BUDGET		
	Estimate	% of total
total	\$ -	0%

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 44,200.00	100%
2020-21		0%
<b>total</b>	<b>\$ 44,200.00</b>	<b>0%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Seafarers Park Trail connection**

Project Number: **620000**

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

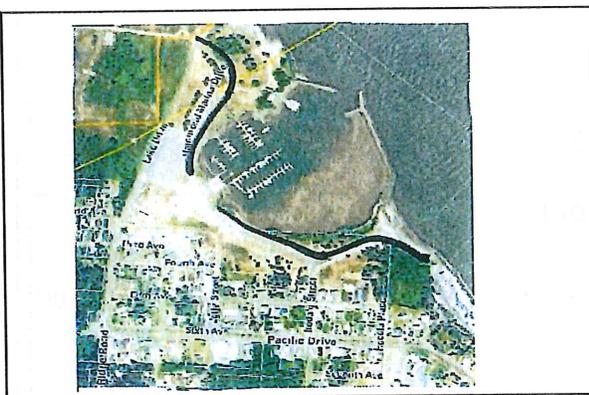
Description: **Provide multi-use trail through Hammond Marrison to connect waterfront trail to Ft. Stevens Park.**

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%
<b>total</b>	<b>\$158,400.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 158,400.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 158,400.00	100%
2020-21		0%
<b>total</b>	<b>\$ 158,400.00</b>	<b>0%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Patrol Vehicle Replacement  
**Project Number:** FY 2021-2022 #1  
**Project Cost:** \$90,000

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

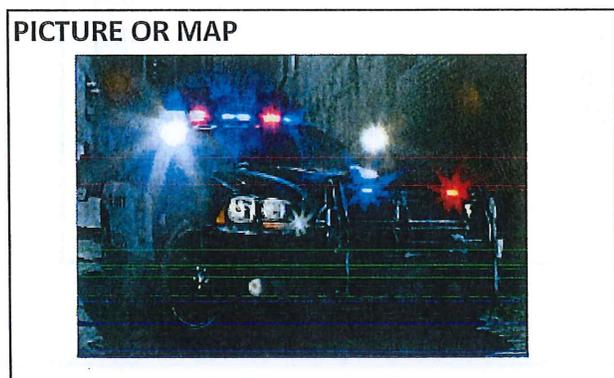
**Benefits:**  
 Improve officer/equipment safety, reduce repair & maintenance costs, improve public image.

**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	45,000	50
2020 Patrol Vehicle	45,000	50

FUNDING SOURCES		
Source	Amount	% of total
General Fund	90,000	100
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2020-2021	90,000	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 Parks General Fund

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 130,000.00	100%	001-429	\$ 130,000.00	100%
<b>total</b>	<b>\$ 130,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 130,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 130,000.00	100%
<b>total</b>	<b>\$ 130,000.00</b>	<b>0%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Quincy Robinson Ballfield 2 Musco Lighting**

Project Number: 620000

Project Cost: \$ 120,000.00

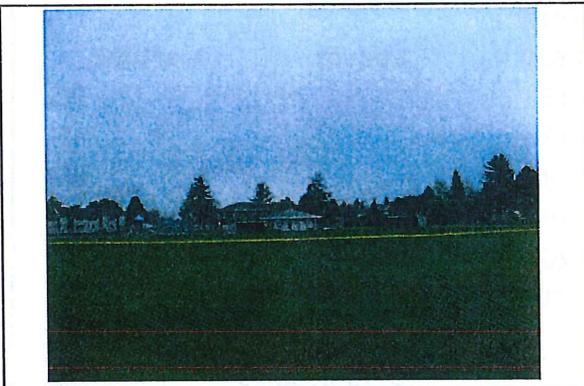
Description: Install Ballfield lighting for field 2 at QR Park

Benefits: Allow for night time games.

Cost Calculation: WKI

O & M Impact: Funding from Quincy Robinson Fund

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 120,000.00	100%	QR Fund 065-429	\$ 120,000.00	
total	\$ 120,000.00	100%	TOTAL	\$ 120,000.00	0%



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 120,000.00	100%
total	\$ -	0%

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

**PROJECT:** Tansy Point Restroom Improvements

**Project Number:** 620000

**Project Cost:** \$ 260,000.00

**Description:** Install treatroom near parking area at Tansy Point for Riverfront Trail users.

**Benefits:** Improve accessibility for Warrenton Trail System

**Cost Calculation:** PMP

**O & M Impact:** Funded from Quincy-Robinson Trust Fund to improve usage for riverfront trail system.

BUDGET		
	Estimate	% of total
	\$ 260,000.00	100%
<b>total</b>	<b>\$ 260,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
QR Fund 065-429	\$ 260,000.00	100%
<b>TOTAL</b>	<b>\$ 260,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 260,000.00	100%
<b>total</b>	<b>\$ 260,000.00</b>	<b>0%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Warrenton (LCYSA) Soccer Field Trail Connections Park Trail connection**

Project Number: **620000**

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

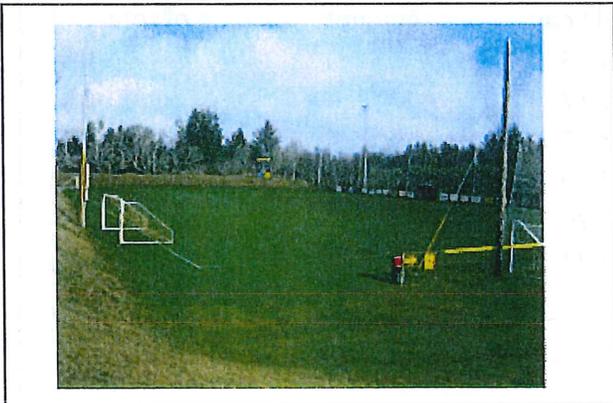
Description: **Provide multi-use trail to connect the central part of Warrenton to the Ridge Road recreational area.**

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%
<b>total</b>	<b>\$ 158,400.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 158,400.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 158,400.00	100%
<b>total</b>	<b>\$ 158,400.00</b>	<b>0%</b>



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***Water Utility***

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: **620023**

Project Cost: **\$ 137,000.00**

Description: **Rebuild NW Cedar Court south of Warrenton Drive and upgrade water and sewer mains.**

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

Cost Calculation: **Eng Estimate**

O & M Impact: **This project will be bid in 2014-15 but likely still be under construction in 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
Engineering	\$ 21,000.00	15%	Water 029-430-620059	\$ 34,000.00	25%
Construction	\$ 116,000.00	85%	Sewer 038-430-620042	\$ 20,000.00	15%
		0%	Streets 040-431-620023	\$ 83,000.00	61%
<b>TOTAL</b>	<b>\$ 137,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 137,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 137,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 137,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **NW Warrenton Drive 18-inch waterline (NW 13th - Lake / Ridge)**

Project Number:

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.**

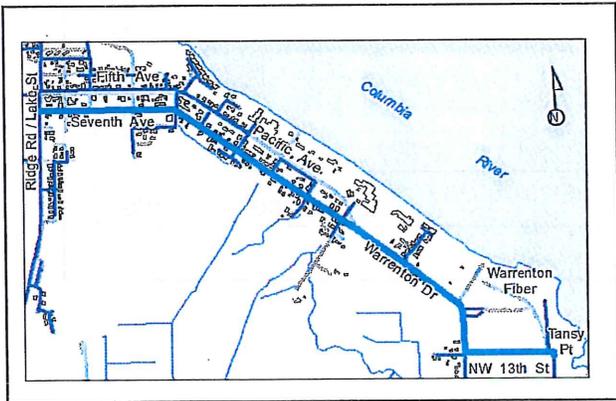
Benefits: **Will improve City's water delivery system and provide improved fire flows, system redundancy, and improved water quality.**

Cost Calculation: **Eng Estimate**

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

BUDGET		
	Estimate	% of total
Engineering	\$ 244,500.00	
Proj Manage		
Construction	\$ 1,385,500.00	
Contingency		
<b>TOTAL</b>	<b>\$ 1,630,000.00</b>	

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 1,630,000.00	100%
2016-17		
2017-18		
2018-19		
2019-20		
2020-21		
<b>Total</b>	<b>\$ 1,630,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Water System Improvements eligible for SDC funding  
**Project Number:** FY 2015-2016  
**Project Cost:** \$51,440

**Description:**  
 Unallocated SDC revenue funded improvements.

**Benefits:**

**Cost Calculation:**

**O & M Impact:**

<b>BUDGET</b>			<b>FUNDING SOURCES</b>		
	Estimate	% of total		Amount	% of total
Water System Improvements	51,440	100	SDC Funds	51,440	100
			026-430-620000		
			<b>TOTAL</b>		

<b>PICTURE OR MAP</b>	<b>SCHEDULE</b>		
		Amount	% of total
	Fiscal Year		
	2015-2016	51,440	100
	2016-2017		
	2017-2018		
	2018-2019		
	2019-2020		
	2020-2021		

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.**

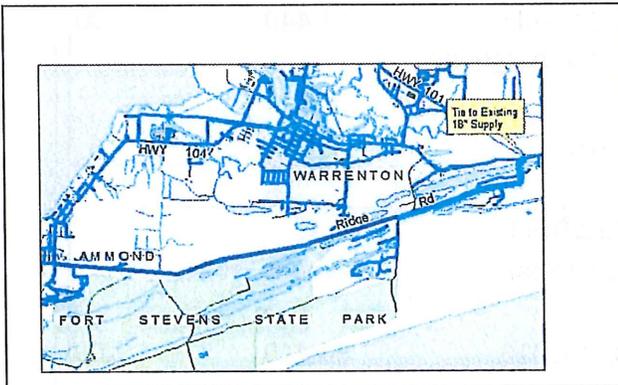
Benefits: **Will improve City's water delivery system and provide improved fire flows of 2000 gpm, system redundancy, and improved water quality.**

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		
	Estimate	% of total
Engineering	\$20,000.00	8%
Proj Manage		0%
Construction	\$230,000.00	92%
Contingency		0%
	<b>\$250,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$250,000.00	100%
<b>TOTAL</b>	<b>\$250,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2014-15		
2015-16		
2016-17	\$250,000.00	100%
2017-18		
2018-19		
2019-20		
<b>Total</b>	<b>\$250,000.00</b>	<b>100%</b>

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

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

**Project Number:**

**Project Cost:** \$ 336,000.00

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

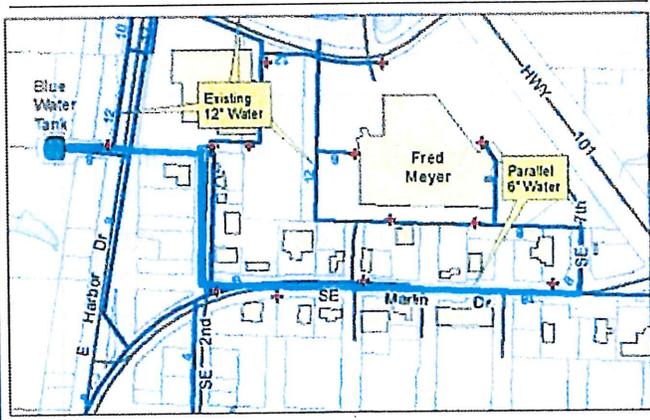
**Benefits:** New 18" transmission main will improve fire flows and better serve future commercial development in northeastern section of Warrenton.

**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		0%
Construction	\$ 228,000.00	68%
Contingency	\$ 57,000.00	17%
		0%
<b>Total</b>	<b>\$ 336,000.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17	\$ 336,000.00	100%
2017-18		
2018-19		
2019-20		
2020-21		
<b>Total</b>	<b>\$ 336,000.00</b>	<b>100%</b>

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

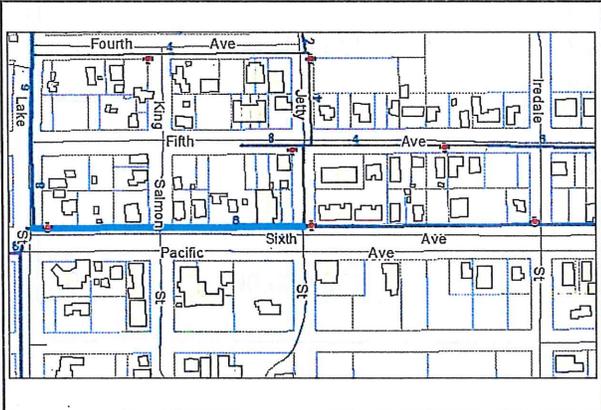
Benefits: Reduce maintenance and allow for future improvements of roadway pavement

Cost Calculation: Eng Estimate

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

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 11,000.00	15%	029-430	\$ 72,000.00	100%
Proj Manage		0%			
Construction	\$ 61,000.00	85%			
Contingency		0%			
<b>total</b>	<b>\$ 72,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 72,000.00</b>	<b>100%</b>

SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 72,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 72,000.00</b>	<b>100%</b>



CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Raw Water Line replacement Program**

Project Number: 620060

Total Project Cost: \$ 805,000.00

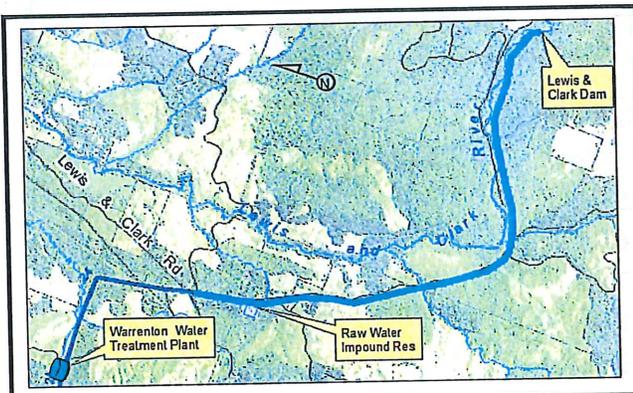
Description: This program schedules ongoing replacement of sections of the raw water system from the 4 dams to the Water Treatment Plant. The system has approximately 14,000 LF of pipe that needs to be replaced.

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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 805,000.00	100%	029-430	\$ 805,000.00	100%
<b>total</b>	<b>\$ 805,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 805,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 310,000.00	39%
2018-19	\$ 165,000.00	20%
2019-20	\$ 165,000.00	20%
2020-21	\$ 165,000.00	20%
<b>6-year total</b>	<b>\$ 805,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **SW 4th St waterline replacement (Main - Alder)**

Project Number: 620000

Project Cost: \$ 58,000.00

Description: Replace 500 lf of undersized waterline with new 8" main on SW 4th Street between S Main and SW Alder.

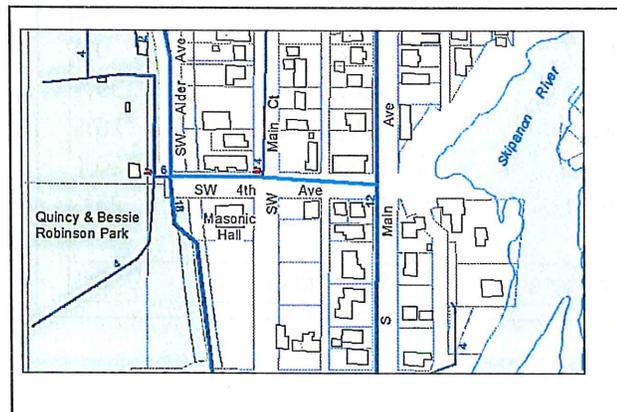
Benefits: Allow for roadway improvement project and reduce future pavement cuts.

Cost Calculation: Eng Estimate

O & M Impact: Funding from Water Capital Reserve Fund

BUDGET		
	Estimate	% of total
Engineering	\$ 9,000.00	
Proj Manage		
Construction	\$ 49,000.00	
Contingency		
<b>total</b>	<b>\$ 58,000.00</b>	

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 58,000.00	100%
<b>TOTAL</b>	<b>\$ 58,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 58,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 58,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

**Project Number:** 620000

**Project Cost:** \$ 354,000.00

**Description:** Install new storm drain on SE Anchor south of 1st Street and waterlines on Anchor Ave & 3rd Street system and rebuild roadway

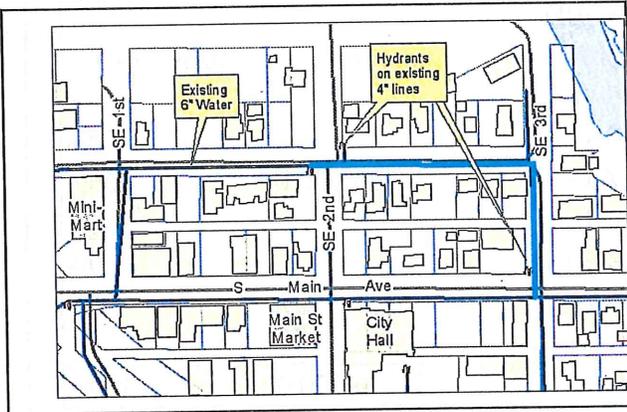
**Benefits:** Improve drainage to avoid future roadway deterioration and upgrade undersized waterlines.

**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	
Proj Manage		
Construction	\$ 301,000.00	
Contingency		
<b>total</b>	<b>\$ 354,000.00</b>	<b>0%</b>

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 62,000.00	18%
<b>Water 029-430</b>	<b>\$ 82,000.00</b>	<b>23%</b>
Streets 040-431	\$ 210,000.00	59%
<b>TOTAL</b>	<b>\$ 354,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 354,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 354,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Phase 3 Paving at Water Treatment Plant**

Project Number: 620000

Project Cost: \$ 30,000.00

Description: Pave side lot of WTP

Benefits: Reduce maintenance and provide better access to back of WTP building

Cost Calculation: estimate

O & M Impact: Funding from Water Capital Reserve fund

BUDGET		
	Estimate	% of total
total	\$ -	0%

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 30,000.00	100%
<b>TOTAL</b>	<b>\$ 30,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 30,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 30,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Fourth Avenue water main (Lake - Jetty)**

Project Number: 620000

Project Cost: \$ 72,000.00

Description: Install 8" Water Line on Fourth Avenue between Lake and Jetty to replace existing undersized 4-inch main.

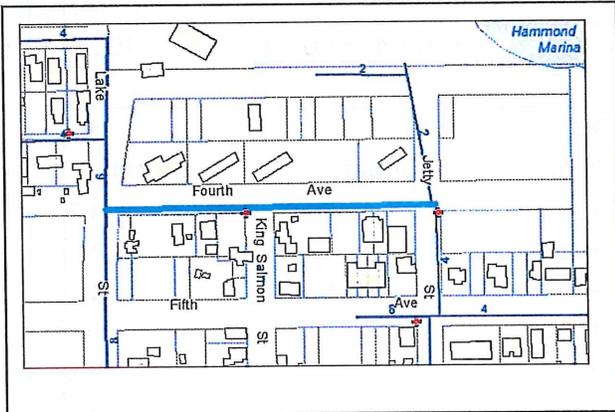
Benefits: Improve water service and fire protection in area.

Cost Calculation: Eng Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ 11,000.00	15%
Proj Manage		0%
Construction	\$ 61,000.00	85%
Contingency		0%
<b>total</b>	<b>\$ 72,000.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 72,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 72,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Phase 4 Paving at Water Treatment Plant**

Project Number: 620000

Project Cost: \$ 40,000.00

Description: Pave behind Water Treatment Plant lot

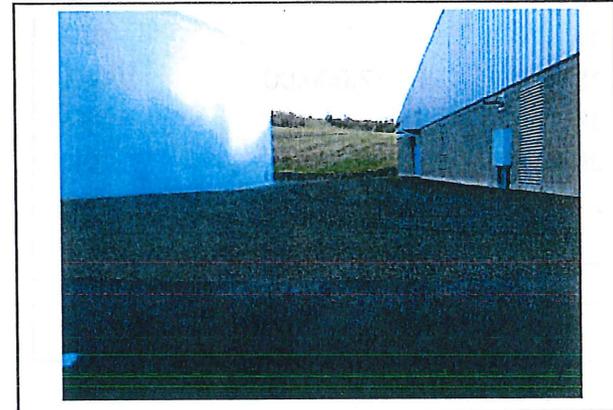
Benefits: Reduce maintenance and provide better access to Backwash ponds.

Cost Calculation: Estimate

O & M Impact:

BUDGET		
	Estimate	% of total
	\$ 40,000.00	100%
<b>total</b>	<b>\$ 40,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 40,000.00	100%
<b>TOTAL</b>	<b>\$ 40,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 40,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 40,000.00</b>	<b>100%</b>

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.

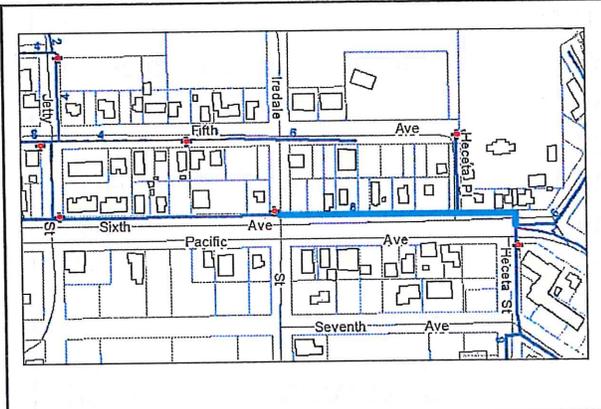
Benefits: Reduce maintenance and allow for future improvements of roadway pavement

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		0%
Construction	\$ 78,000.00	87%
Contingency		0%
<b>total</b>	<b>\$ 90,000.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 90,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 90,000.00</b>	<b>100%</b>

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

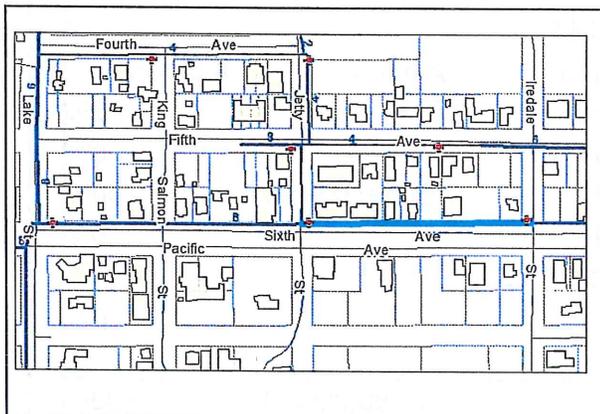
Benefits: Reduce maintenance and allow for future improvements of roadway pavement

Cost Calculation: Eng Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ 10,000.00	15%
Proj Manage		0%
Construction	\$ 55,000.00	85%
Contingency		0%
<b>total</b>	<b>\$ 65,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 65,000.00	100%
<b>TOTAL</b>	<b>\$ 65,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 65,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 65,000.00</b>	<b>100%</b>

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

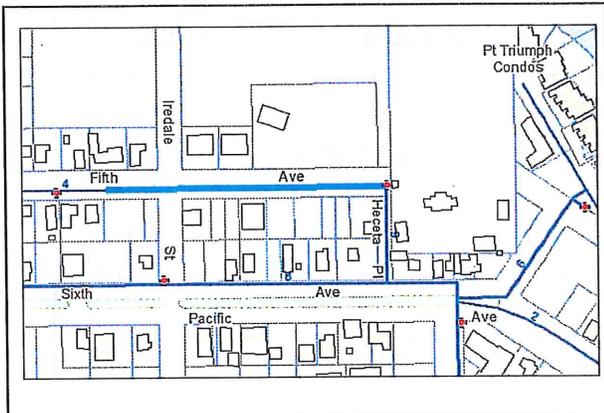
Description: Install 8" Water Line on Fifth Avenue for 300 feet west of Heceta to tie to existing deadend lines and loop system.

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		0%			
Construction	\$ 55,000.00	85%			
Contingency		0%			
<b>total</b>	<b>\$ 65,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 65,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 65,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 65,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Fifth Avenue water main ( Jetty - 300 w/o Iredale St.)**

Project Number: 620000

Project Cost: \$ 63,000.00

Description: Install 8" Water Line on Fifth Avenue (from Jetty to 300' west of Iredale Streets) to replace old 4" ACP line and upgrade the watermain loop before repaving street.

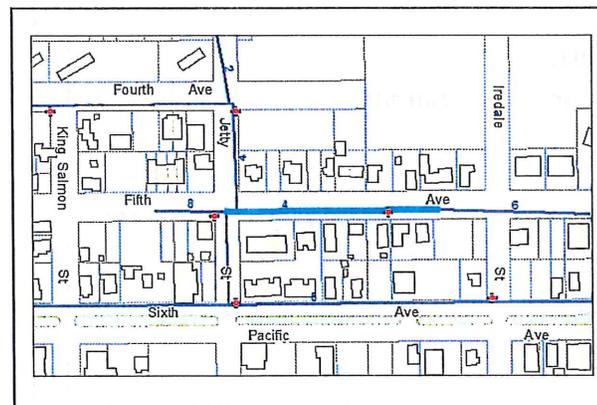
Benefits: Improve water service and fire protection in area.

Cost Calculation: Eng Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ 10,000.00	16%
Proj Manage		0%
Construction	\$ 53,000.00	84%
Contingency		0%
<b>total</b>	<b>\$ 63,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 63,000.00	100%
<b>TOTAL</b>	<b>\$ 63,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 63,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 63,000.00</b>	<b>100%</b>

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

**PROJECT:** **Fifth Avenue water main (Lake - 200 feet west of Jetty)**

**Project Number:** 620000

**Project Cost:** \$ 61,000.00

**Description:** Install 8" Water Line on Fifth Avenue from Lake to 200 LF west of Jetty to complete waterline loop before repaving street.

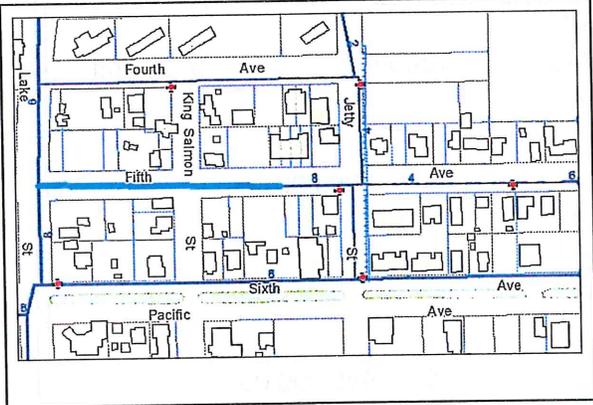
**Benefits:** Improve water service and fire protection in area.

**Cost Calculation:** Eng Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ 9,000.00	15%
Proj Manage		0%
Construction	\$ 52,000.00	85%
Contingency		0%
<b>total</b>	<b>\$ 61,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 61,000.00	100%
<b>TOTAL</b>	<b>\$ 61,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 61,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 61,000.00</b>	<b>100%</b>

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

**PROJECT:** **South Transmission 18" WL loop (SWR - North Coast Business Park)**

**Project Number:**

**Project Cost:** \$ 990,000.00

**Description:** Construct second loop for City's transmission system to serve future commercial development in and around the North Coast Business Park.

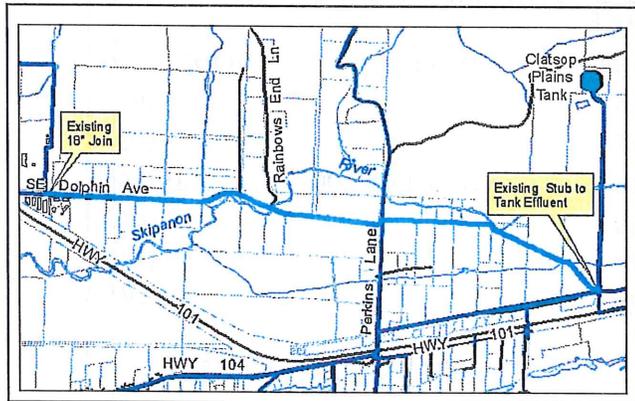
**Benefits:** Will improve City's water delivery system and provide improved fire flows, system redundancy, and improved water quality.

**Cost Calculation:** Eng Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ 151,000.00	15%
Proj Manage		0%
Construction	\$ 839,000.00	85%
Contingency		0%
		0%
<b>TOTAL</b>	<b>\$ 990,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 990,000.00	100%
<b>TOTAL</b>	<b>\$ 990,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18	\$ 990,000.00	100%
2018-19		
2019-20		
2020-21		
<b>Total</b>	<b>\$ 990,000.00</b>	

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

**PROJECT:** Install concrete walls in WTP backwash pond

**Project Number:** 620000

**Project Cost:** \$ 40,000.00

**Description:** Install impermeable walls between backwash ponds to improve draining/cleaning operation

**Benefits:** Provide for less maintenace & better operation of Backwash ponds.

**Cost Calculation:** Estimate

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

BUDGET		
	Estimate	% of total
	\$ 40,000.00	
<b>total</b>	<b>\$ 40,000.00</b>	<b>0%</b>

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 40,000.00	100%
<b>TOTAL</b>	<b>\$ 40,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 40,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 40,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **SE 8th Street Watermain upgrade (Main - Anchor)**

Project Number: 620000

Project Cost: \$ 54,000.00

Description: Upgrade 1" watermain on SE 8th ST to a new 12" water main from S Main Avenue to SE Anchor.

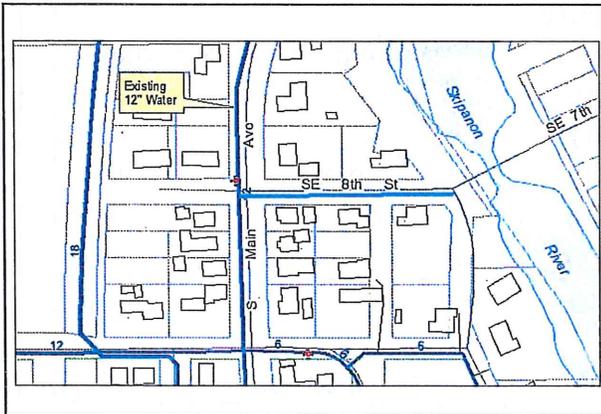
Benefits: Provide better service and allow for fire protection to area.

Cost Calculation: Estimate

O & M Impact: Funding from Water Capital Reserve Fund

BUDGET		
	Estimate	% of total
Engineering	\$ 8,000.00	
Proj Manage		
Construction	\$ 46,000.00	
Contingency		
<b>total</b>	<b>\$ 54,000.00</b>	

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 54,000.00	100%
<b>TOTAL</b>	<b>\$ 54,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19	\$ 54,000.00	100%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 54,000.00</b>	<b>0%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **SE Galina Avenue Waterline upgrade (E Harbor - SE 5th Street)**

Project Number: 620000

Project Cost: \$ 244,000.00

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

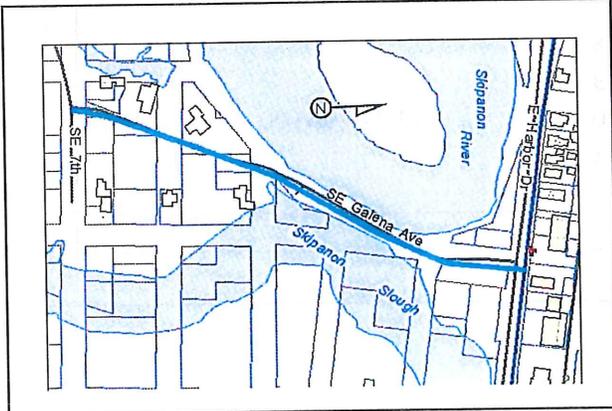
Benefits: Provide better service and fire protection to area.

Cost Calculation:

O & M Impact: Funding from Water Capital Reserve Fund

BUDGET		
	Estimate	% of total
Engineering	\$ 37,000.00	100%
Proj Manage		
Construction	\$ 207,000.00	
Contingency		
<b>total</b>	<b>\$ 244,000.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19	\$ 244,000.00	100%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 244,000.00</b>	<b>0%</b>

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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 1,320,000.00	100%	029-430-880001	\$ 1,320,000.00	100%
<b>total</b>	<b>\$ 1,320,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 1,320,000.00</b>	<b>100%</b>

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2015-16		
	2016-17		
	2017-18		
	2018-19		
	2019-20	\$ 1,320,000.00	100%
	2020-21		

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

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

**Project Number:**

**Project Cost:** \$ 458,000.00

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

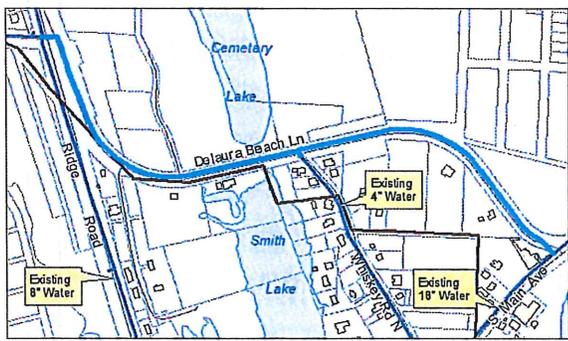
**Benefits:** Will provide a looped tie between the 18" WL on S Main to the 8" WL on Ridge Road improving fire flows, system redundancy, and water quality.

**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 Chargest.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Engineering	\$ 70,000.00	15%	029-430	\$ 458,000.00	100%
Proj Manage		0%			
Construction	\$ 388,000.00	85%			
Contingency		0%			
<b>total</b>	<b>\$ 458,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 458,000.00</b>	<b>100%</b>

SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18		
2018-19		
2019-20	\$ 458,000.00	100%
2020-21		
<b>total</b>	<b>\$ 458,000.00</b>	<b>100%</b>



CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Ridge Road 18-inch water main (Columbia Beach - Pacific)**

Project Number:

Project Cost: \$ 2,786,000.00

Description: Construct 18-inch transmission main to serve the west quadrant of Warrenton/Hammond. Main will ultimately tie into the NW Transmission Loop.

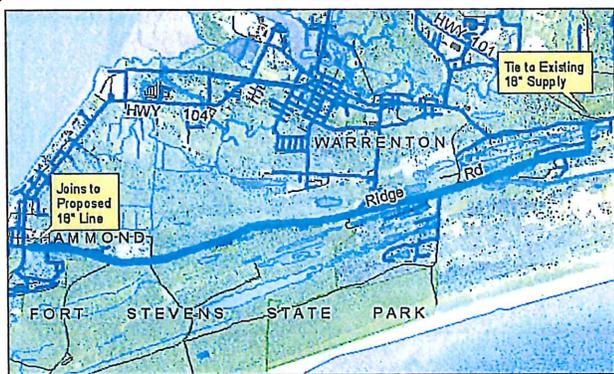
Benefits: Will greatly improve City's water delivery system and provide improved fire flows, system redundancy, and improved water quality.

Cost Calculation: Eng Estimate

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

BUDGET	Estimate	% of total
Engineering	\$ 425,000.00	15%
Proj Manage		0%
Construction	\$ 2,361,000.00	85%
Contingency		0%
<b>Total project</b>	<b>\$ 2,786,000.00</b>	<b>100%</b>

FUNDING SOURCES	Amount	% of total
Source		
029-430	\$ 2,786,000.00	100%
<b>TOTAL</b>	<b>\$ 2,786,000.00</b>	<b>100%</b>



SCHEDULE	Amount	% of total
Fiscal Year		
2015-16		
2016-17		
2017-18		
2018-19		
2019-20		
2020-21	\$ 2,786,000.00	100%
<b>Total</b>	<b>\$ 2,786,000.00</b>	<b>100%</b>

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.

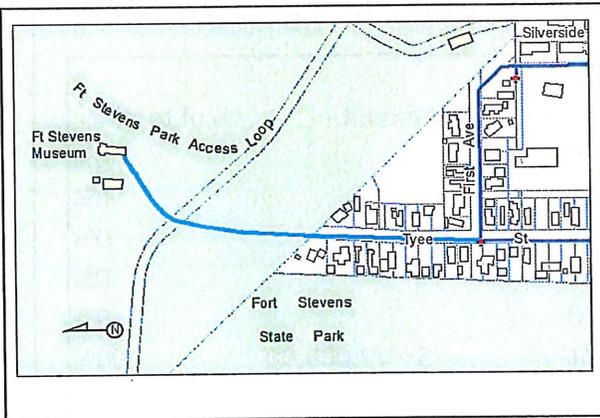
Benefits: Provide better service and allow for fire protection to area.

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%
<b>total</b>	<b>\$ 71,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
029-430	\$ 35,500.00	50%
Ft Stevens	\$ 35,500.00	50%
<b>TOTAL</b>	<b>\$ 71,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 71,000.00	100%
<b>total</b>	<b>\$ 71,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **SW 9th Street Watermain upgrade (SW Cedar - Juniper)**

Project Number: 620000

Project Cost: \$ 72,000.00

Description: Upgrade 6" ACP watermain on SW 9th ST to a new 12" water main from Cedar to Juniper.

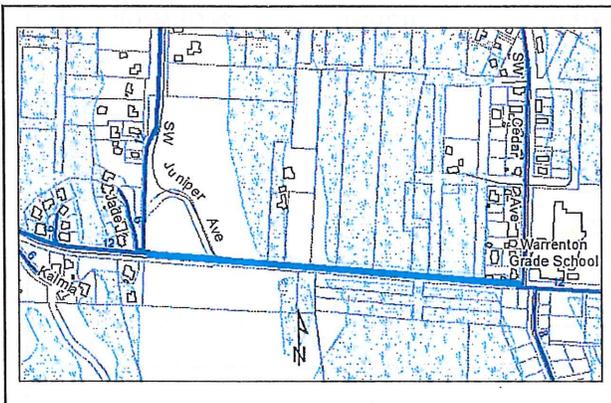
Benefits: Upgrade old asbestos pipe and improve interior watermain loop in City

Cost Calculation: Estimate

O & M Impact: Funding from Water Capital Reserve Fund

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

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21	\$ 72,000.00	100%
<b>total</b>	<b>\$ 72,000.00</b>	<b>100%</b>



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## ***Sewer Utility***

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Core Conveyance Sewer Improvements**

Project Number: **620011**

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

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

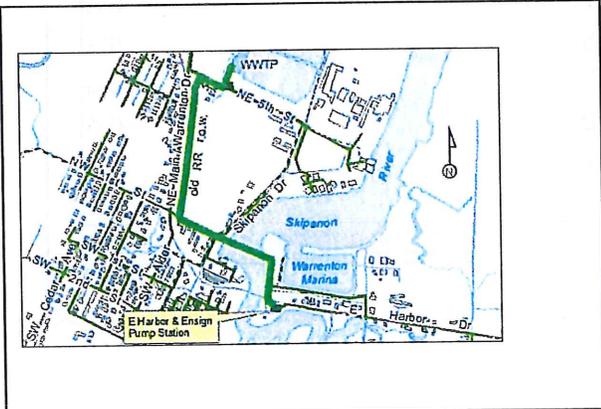
Benefits: **Relieve the SW 3rd & Main Ct lift Station to allow for new Southshore District Sewer System.**

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		
	Estimate	% of total
Engineering	\$ 322,700.80	20%
Construction	\$ 1,290,803.20	80%
<b>total available</b>	<b>\$ 1,613,504.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-430-620011	<b>\$ 1,613,504.00</b>	100%
<b>TOTAL</b>	<b>\$ 1,613,504.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 1,613,504.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		100%
<b>total</b>	<b>\$ 1,613,504.00</b>	<b>100%</b>

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**

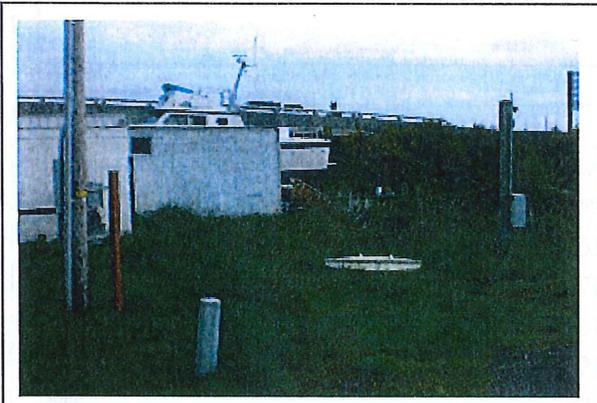
Benefits: **Reduce Maintenance & lower overtime for Sewer callouts.**

Cost Calculation: **Eng Estimate**

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

BUDGET		
	Estimate	% of total
Engineering	\$ 46,800.00	15%
Construction	\$ 260,000.00	85%
<b>total</b>	<b>\$ 306,800.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-430-620011	\$ 306,800.00	100%
<b>TOTAL</b>	<b>\$ 306,800.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 306,800.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 306,800.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: **620087**

Project Cost: **\$ 59,000.00**

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

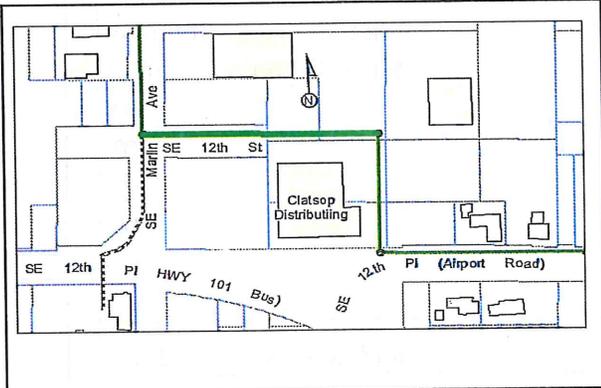
Benefits: **Eliminate a source of inflow & infiltration**

Cost Calculation: **Eng Estimate**

O & M Impact: **This project will be bid in 2014-15 but likely still be under construction in 2015-16 and existing funding is being carried forward to the 2015-16 fiscal budget**

BUDGET		
	Estimate	% of total
Engineering	\$ 9,000.00	15%
Construction	\$ 50,000.00	85%
		0%
<b>TOTAL</b>	<b>\$ 59,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-430-620087	\$ 59,000.00	100%
<b>TOTAL</b>	<b>\$ 59,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 59,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 59,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: **620023**

Project Cost: **\$ 137,000.00**

Description: **Rebuild NW Cedar Court south of Warrenton Drive and upgrade water and sewer mains.**

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

Cost Calculation: **Eng Estimate**

O & M Impact: **This project will be bid in 2014-15 but likely still be under construction in 2015-16 and existing funding is being carried forward to the 2015-16 fiscal budget**

BUDGET		
	Estimate	% of total
Engineering	\$ 21,000.00	15%
Construction	\$ 116,000.00	85%
		0%
<b>TOTAL</b>	<b>\$ 137,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
Water 029-430-620059	\$ 34,000.00	25%
<b>Sewer 038-430-620042</b>	<b>\$ 20,000.00</b>	<b>15%</b>
Streets 040-431-620023	\$ 83,000.00	61%
<b>TOTAL</b>	<b>\$ 137,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 137,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 137,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Infiltration & Inflow (I & I) reduction Program**

Project Number: 620000

Project Cost: \$ 35,000.00

Description: Ongoing program to identify and eliminate infiltration and inflow into the sanitary sewer system using visual and video inspections.

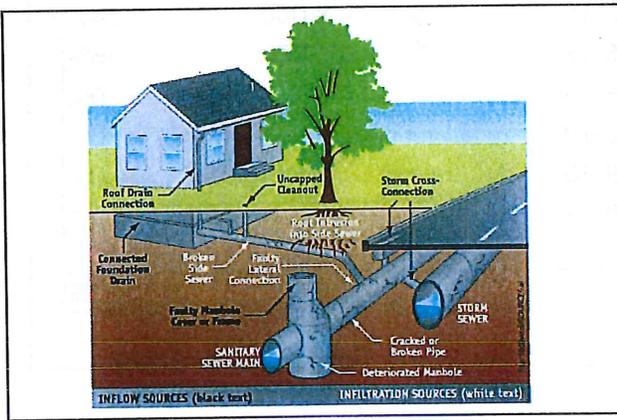
Benefits: Achieve compliance with State of Oregon requirements to eliminate I & I and lower negative impact on wastewater treatment plant capacity.

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of total
	\$ 35,000.00	100%
<b>total</b>	<b>\$ 35,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-430-620043	\$ 35,000.00	100%
<b>TOTAL</b>	<b>\$ 35,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 35,000.00	
2016-17	\$ 25,000.00	
2017-18	\$ 20,000.00	
2018-19	\$ 20,000.00	
2019-20	\$ 20,000.00	
2020-21	\$ 20,000.00	

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		
	Estimate	% of total
Engineering	\$ 8,000.00	24%
Construction	\$ 25,000.00	76%
<b>total</b>	<b>\$ 25,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-430-620088	\$ 33,000.00	100%
<b>TOTAL</b>	<b>\$ 33,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 8,000	24%
2016-17	\$ 25,000	76%
2016-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 33,000</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: 620089

Project Cost: \$ 177,000.00

Description: Upgrade SE Marlin & 2nd 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		
	Estimate	% of total
Engineering	\$ 27,000.00	
Construction	\$ 150,000.00	
<b>total</b>	<b>\$ 177,000.00</b>	<b>0%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-430-620089	\$ 177,000.00	
<b>TOTAL</b>	<b>\$ 177,000.00</b>	<b>0%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 177,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 177,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **In-Plant Pump Station Flowmeter**

Project Number: 620090

Project Cost: \$ 10,000.00

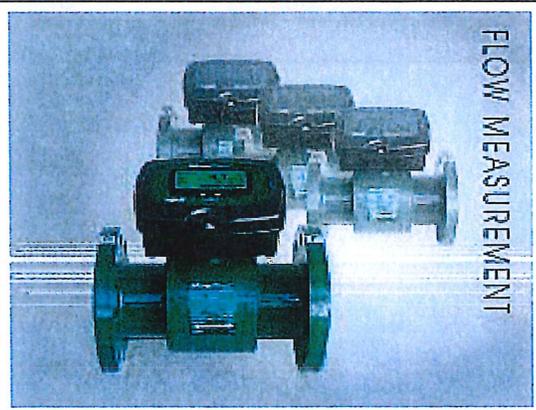
Description: Install mag meter on in plant pump station

Benefits: A meter to record the volume of water from the In-plant pump station. Used to record to amount of water that comes from the sludge lagoons, site dewatering and Vactor station.

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%	038-430-620090	\$ 10,000.00	100%
<b>TOTAL</b>	<b>\$ 10,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 10,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 10,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 10,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Sewer Improvements eligible for SDC funding  
**Project Number:** FY 2015-2016  
**Project Cost:** \$183,400

**Description:**  
 Unallocated SDC revenue funded improvements.

**Benefits:**

**Cost Calculation:**

**O & M Impact:**

<b>BUDGET</b>			<b>FUNDING SOURCES</b>		
	Estimate	% of total	Source	Amount	% of total
Sewer System Improvements	183,400	100	SDC Funds 036-430-620000	183,400	100
			TOTAL		

<b>PICTURE OR MAP</b>	<b>SCHEDULE</b>		
	Fiscal Year	Amount	% of total
	2015-2016	183,400	100
	2016-2017		
	2017-2018		
	2018-2019		
	2019-2020		
	2020-2021		

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.

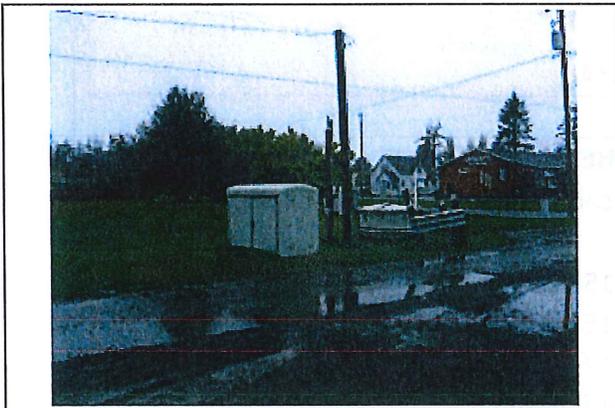
Benefits: Reduce Maintenance & lower overtime for Sewer callouts.

Cost Calculation: Estimate

O & M Impact: Funding from Sewer Capital Reserve Fund

BUDGET		
	Estimate	% of total
Engineering	\$ 46,800.00	100%
Construction	\$ 260,000.00	
<b>total</b>	<b>\$ 306,800.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 306,800.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 306,800.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Additional Section For Motor Control Center 2 (MCC2)**

Project Number: 6200\_\_

Project Cost: \$ 30,000.00

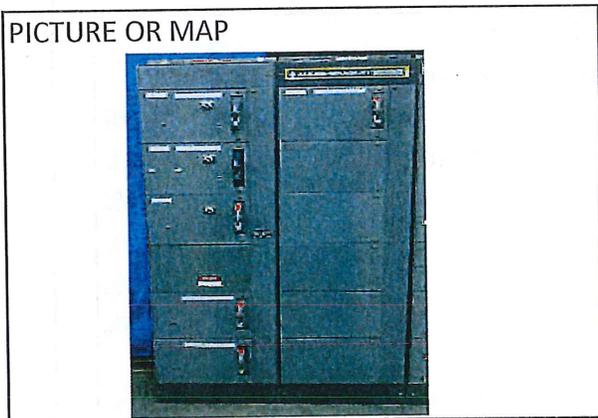
Description: MCC 2 in effluent building has no more available expansion capability. An addition is necessary before adding any additional equipment into that section of the facility

Benefits: By installing an additional section now, the plant will be set up to add equipment in the future with out adding additional costs to individual projects.

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
	\$ 30,000.00	100%	038-430	\$ 30,000.00	100%
<b>TOTAL</b>	<b>\$ 30,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 30,000.00</b>	<b>100%</b>



SCHEDULE

Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 30,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 30,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: Additional Sludge Lagoon Mixers

Project Number: 6200

Project Cost: \$ 40,000.00

Description: Additional Mixers for sludge lagoons. Currently there are four mixers that are not capable of evenly distributing the sludge in the lagoon evenly. Solids are building up along the side of the lagoon that the sludge discharge ports feed the lagoon.

Benefits: Additional mixers will help to evenly mix the lagoon allowing the pond to be kept at a lower water level to maintain a water cap.

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
	\$ 40,000.00	100%	038-430	\$ 40,000.00	100%
<b>TOTAL</b>	<b>\$ 40,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 40,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 40,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 40,000.00</b>	<b>100%</b>

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

PROJECT: **Effluent PLC integration**  
 Project Number: 6200\_\_  
 Project Cost: \$ 20,000.00

Description: Effluent pump station plc networking to Scada. Add ability to control equipment hard wired to GE plc in concert with SCADA.

Benefits: Enhanced control of equipment connected to Effluent plc. Last step to bring all equipment together in one package 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
	\$ 20,000.00	100%	038-430	\$ 20,000.00	100%
<b>TOTAL</b>	<b>\$ 20,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 20,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 20,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 20,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Air Flow Meter for Sequence Batch Reactor (SBR) lines**

Project Number: 6200\_\_

Project Cost: \$ 10,000.00

Description: Air flow meters on SBR air lines on discharge side of air valves

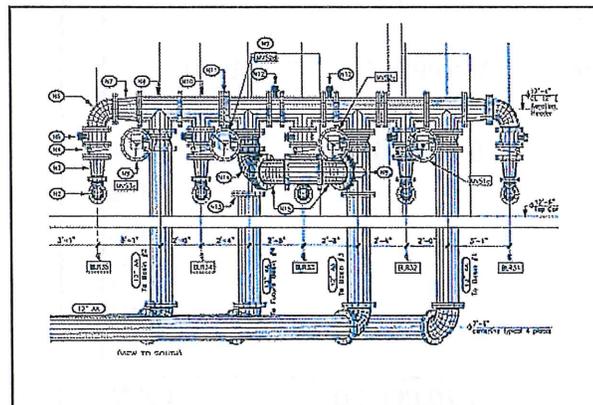
Benefits: Would tie into SCADA and provide alarms on the blower system, would let us know if the air valves we stuck open or close or if the belts were broken on a blower, supply data for energy conservation

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of total
	\$ 10,000.00	100%
<b>TOTAL</b>	<b>\$ 10,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-435	\$ 10,000.00	100%
<b>TOTAL</b>	<b>\$ 10,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 10,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 10,000.00</b>	<b>100%</b>

**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.

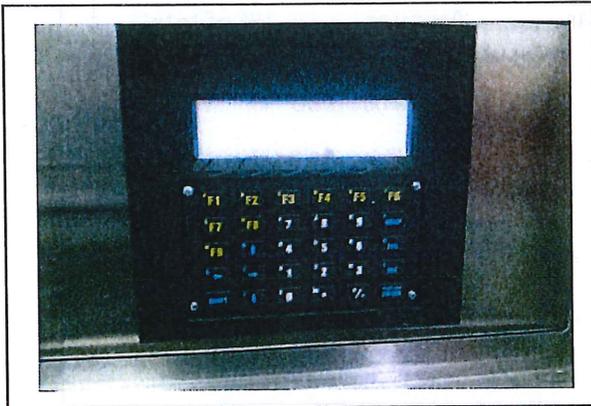
Benefits: PLC supplied with system very basic an upgrade would allow all controls for the

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of total
	\$ 60,000.00	
<b>TOTAL</b>	<b>\$ 60,000.00</b>	<b>0%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-435	\$ 60,000.00	100%
<b>TOTAL</b>	<b>\$ 60,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 60,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 60,000.00</b>	<b>100%</b>

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.

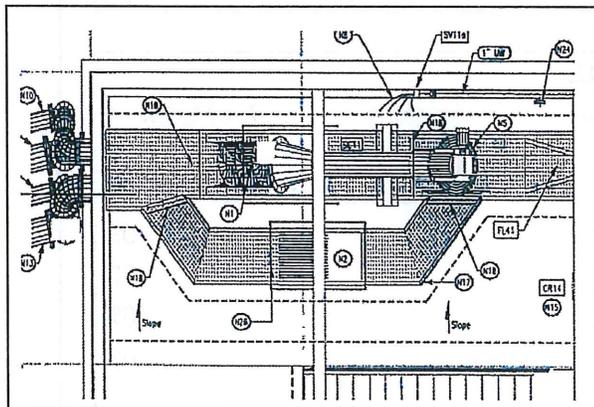
Benefits: Eliminate screenings bypass.

Cost Calculation: Estimate

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

BUDGET		
	Estimate	% of total
	\$ 40,000.00	
<b>TOTAL</b>	<b>\$ 40,000.00</b>	<b>0%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 40,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 40,000.00</b>	<b>100%</b>

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

**PROJECT:** Asphalt Project (WWTP)

**Project Number:** 6200\_\_

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

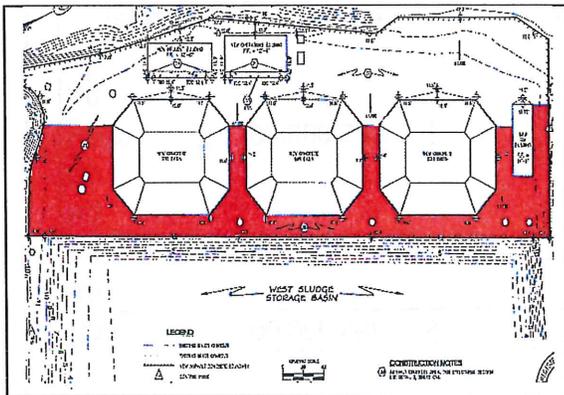
**Description:** Asphalt from original construction removed from project to not have to cut up asphalt to lay conduits for SCADA project about 20,000 sq. feet.

**Benefits:** Pave area to drain to sludge lagoon in event of overflow, all the structures around site were installed on grade for asphalt now they all stick up above grade creating obstacles, eliminate maintenance of gravel.

**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
Engineering	\$ 8,809.00	15%	038-430	\$ 60,000.00	100%
Construction	\$ 51,191.00	85%			
<b>TOTAL</b>	<b>\$ 60,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 60,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 60,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 60,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Twin Spruce Sewer System**

Project Number: 620030

Project Cost: \$ 385,000.00

Description: Design sewer system for Twin Spruce neighborhood after Southshore Sanitary District (Cullaby Lake) builds new main through area. Construction will likely be a Local Improvement District (LID) to provide a new system for the neighborhood.

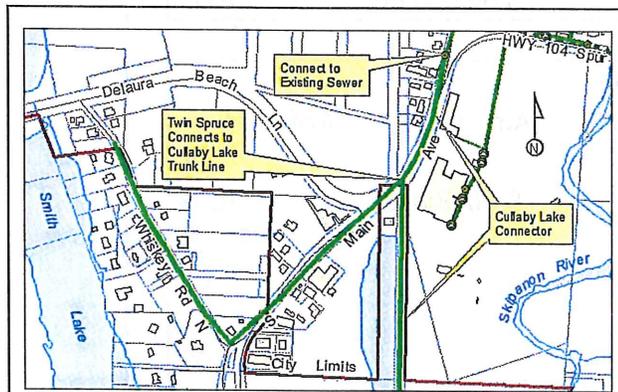
Benefits: Provide sewer service for area of Town currently without service. This will require additional annexation to provide service as shown on Whisky Road

Cost Calculation: Eng Estimate

O & M Impact: Funding from Sewer Capital Reserve Fund

BUDGET		
	Estimate	% of total
Design	\$ 59,000.00	
Construction	\$ 326,000.00	
<b>total</b>	<b>\$ 385,000.00</b>	<b>0%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-430	\$ 385,000.00	100%
<b>TOTAL</b>	<b>\$ 385,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 385,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 385,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: **620000**

Project Cost: **\$ 177,000.00**

Description: **Upgrade SE Marlin & 101 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		
	Estimate	% of total
Engineering	\$ 27,000.00	
Construction	\$ 150,000.00	
<b>total</b>	<b>\$ 177,000.00</b>	<b>0%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-430	\$ 177,000.00	
<b>TOTAL</b>	<b>\$ 177,000.00</b>	<b>0%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 177,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 177,000.00</b>	<b>100%</b>

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.**

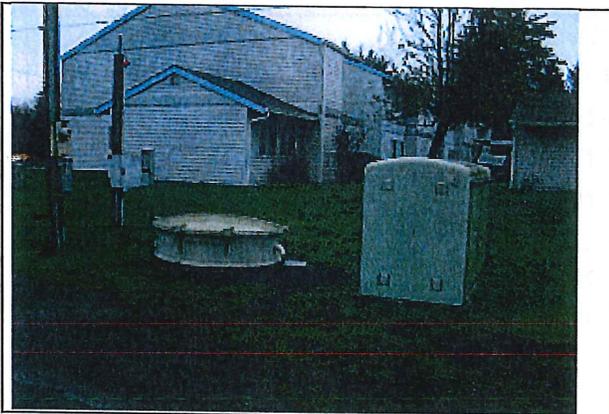
Benefits: **Reduce Maintenance & lower overtime for Sewer callouts.**

Cost Calculation: **Estimate**

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

BUDGET		
	Estimate	% of total
Engineering	\$ 46,800.00	
Construction	\$ 260,000.00	
<b>total</b>	<b>\$ 306,800.00</b>	<b>0%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-430	\$ 306,800.00	
<b>TOTAL</b>	<b>\$ 306,800.00</b>	<b>0%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 306,800.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 306,800.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Remove piping in east sludge lagoon at WWTP**

Project Number: 620000

Project Cost: \$ 20,000.00

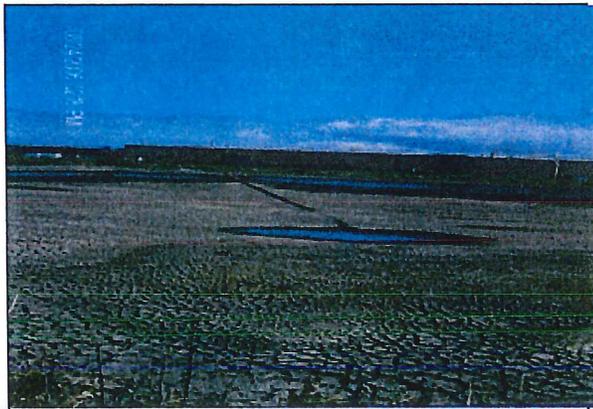
Description: Remove concrete pipe left in sludge lagoon from old facultative pond digester.

Benefits: Remove obstructions that could hang up mixers\interfere with solids handling equipment

Cost Calculation: Estimate

O & M Impact: This will be funded from the Sewer Capital Reserve Fund and will be linked to the boisolids removal with annual deposits accumulating to fund project after 2016.

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
	\$ 20,000.00	100%	038-435	\$ 2,000.00	100%
total	\$ 20,000.00	100%	TOTAL	\$ 2,000.00	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 20,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
total	\$ 20,000.00	100%

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

**PROJECT:** **Funding for 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

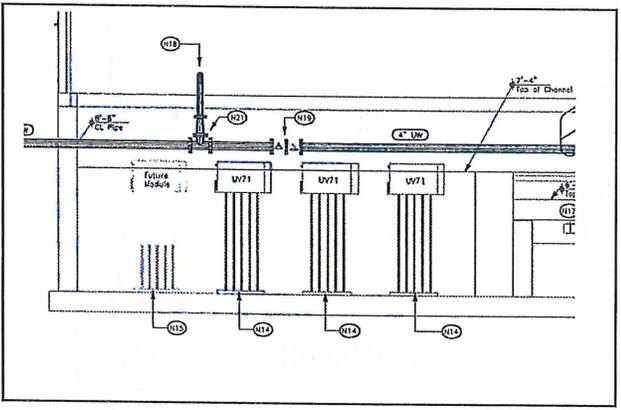
**Benefits:** Have funds available to purchase 4th module, increased disinfection capacity

**Cost Calculation:** Estimate

**O & M Impact:** Set up special reserve fund in the Sewer Capital Reserve Fund to accumulate necessary money to build new SBR basin when necessary.

BUDGET		
	Estimate	% of total
	\$ 30,000.00	100%
<b>TOTAL</b>	<b>\$ 30,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
038-435	\$ 30,000.00	100%
<b>TOTAL</b>	<b>\$ 30,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18	\$ 30,000.00	100%
2018-19		
2019-20		
2020-21		
<b>total</b>	<b>\$ 30,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: 6200\_\_

Project Cost: \$ 500,000.00

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

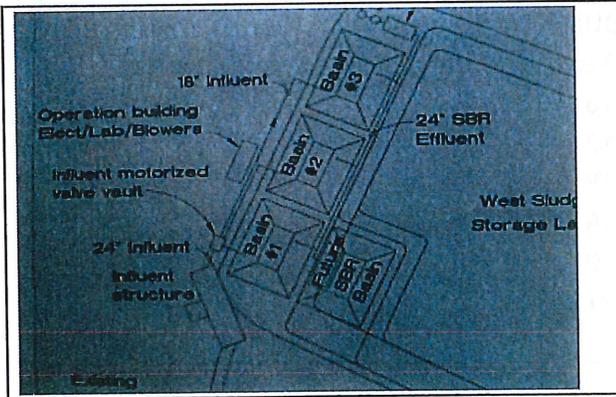
Benefits: Will avoid need to get a loan to fund capacity upgrades down the road.

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		
Estimate	% of total	
\$ 500,000.00	100%	
<b>TOTAL</b>	<b>\$ 500,000.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18		
2018-19		
2019-20	\$ 500,000.00	100%
2020-21		0

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

**PROJECT:** **Biosolids removal project**

**Project Number:** 6200\_\_

**Project Cost:** \$ 500,000.00

**Description:** Have engineering done to determine what processes will be used to dispose of biosolids with DEQ approval and start setting aside funds with \$83,333 withholdings for an anticipated reserve of \$500,000 available after 2019-20 .

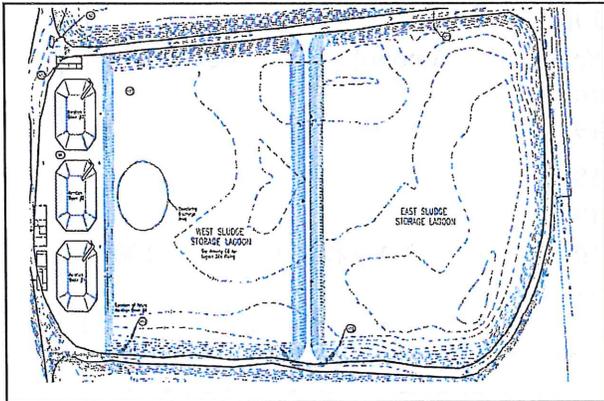
**Benefits:** Have fund available for biosolids disposal process and a game plan ready to go.

**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%
<b>TOTAL</b>	<b>\$ 500,000.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18		
2018-19		
2019-20		
2020-21	\$ 500,000.00	100%
<b>total</b>		



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## ***Sanitation Utility***

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: 620001

Project Cost: \$ 33,000.00

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

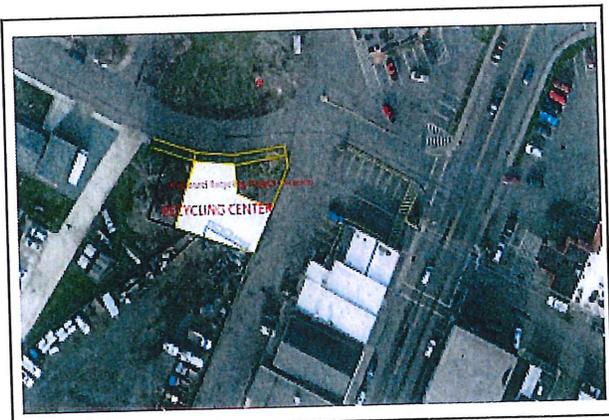
Benefits: Improve circulation and appearances for existing recycling center and provide paved surface to improve maintenance.

Cost Calculation: Eng Estimate

O & M Impact: Funded from Sanitation Capital Reserve Fund

BUDGET		
	Estimate	% of total
Engineering	\$ 3,000.00	9%
Construction	\$ 30,000.00	91%
		0%
<b>TOTAL</b>	<b>\$ 33,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
034-430-620001	\$ 33,000.00	100%
<b>TOTAL</b>	<b>\$ 33,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 33,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 33,000.00</b>	<b>100%</b>

*"Making a difference through excellence of service"*



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## ***Streets***

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **DeLaura Beach Trail**

Project Number: 620010

Project Cost: \$ 116,306.00

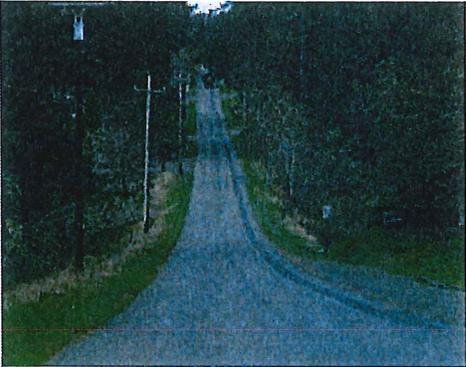
Description: Provide multi-use trail along SW Delaura Beach between Ridge Road and Fort Stevens State Park.

Benefits: Provide safer pedestiran/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%	040-431-620010	\$ 116,306.00	
Construction	\$ 116,306.00	100%			
		0%			
<b>TOTAL</b>	<b>\$ 116,306.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 116,306.00</b>	<b>0%</b>

	SCHEDULE		
	Fiscal Year	Amount	% of total
	2015-16	\$ 116,306.00	100%
	2016-17		0%
	2017-18		0%
	2018-19		0%
	2019-20		0%
2020-21		0%	
<b>total</b>	<b>\$ 116,306.00</b>	<b>100%</b>	

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: **620011**

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

Description: **Annual funding intended to install sidewalk improvements along ODOW rights of way. Needed improvements include cross walk improvements by the Hamond Post office.**

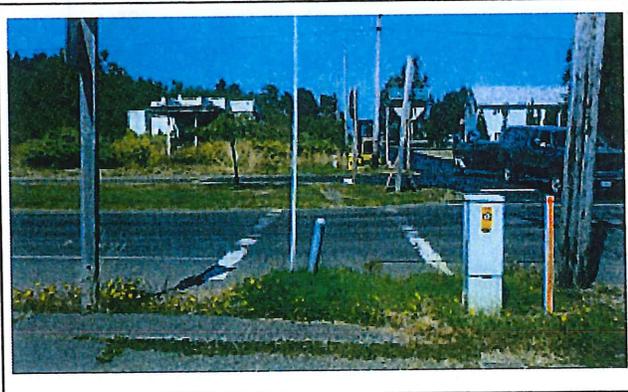
Benefits: **Improve pedestrian access on State Highways in Warrenton.**

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		
	Estimate	% of total
Annual State Grant	\$ 100,000.00	100%
<b>total</b>	<b>\$ 100,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
040-431-620011	\$ 100,000.00	100%
<b>TOTAL</b>	<b>\$ 100,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 100,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: 620023

Project Cost: \$ 137,000.00

Description: Rebuild NW Cedar Court south of Warrenton Drive and upgrade water and sewer mains.

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

Cost Calculation: Eng Estimate

O & M Impact: This project will be bid in 2014-15 but likely still be under construction in 2015-16 and existing funding is being carried forward to the 2015-16 fiscal budget

BUDGET		
	Estimate	% of total
Engineering	\$ 21,000.00	15%
Construction	\$ 116,000.00	85%
		0%
<b>TOTAL</b>	<b>\$ 137,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
Water 029-430-620059	\$ 34,000.00	25%
Sewer 038-430-620042	\$ 20,000.00	15%
<b>Streets 040-431-620023</b>	<b>\$ 83,000.00</b>	<b>61%</b>
<b>TOTAL</b>	<b>\$ 137,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 137,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 137,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Improve Chokeberry Avenue (Foodbank Entrance from SE 19th Street)

**Project Number:** 620074

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

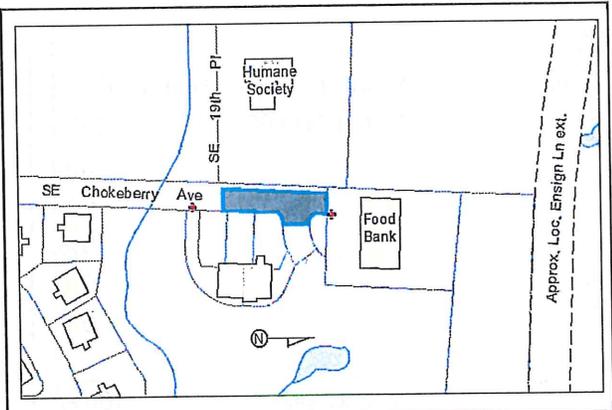
**Description:** Improve access ROW between SE 19th St and Food Bank Project. Roadway improvements were never completed as part of the City-sponsored project.

**Benefits:** Provide better access to City-sponsored Food Bank Project.

**Cost Calculation:** Eng Estimate

**O & M Impact:** This project will be bid in 2014-15 but likely still be under construction in 2015-16 and existing funding is being carried forward to the 2015-16 fiscal budget.

BUDGET			FUNDING SOURCES		
	Estimate	Improve access % of total	Source	Amount	% of total
Engineering	\$ 14,000.00	16%	040-431-620074	\$ 90,000.00	100%
Construction	\$ 76,000.00	84%			
<b>TOTAL</b>	<b>\$ 90,000.00</b>	<b>100%</b>	<b>TOTAL</b>	<b>\$ 90,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 90,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 90,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **NW 13th Street & Warrenton Drive trail & drainage improvements**

Project Number: **620079**

Project Cost: **\$ 141,000.00**

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

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

Cost Calculation: **Eng Estimate**

O & M Impact: **Funded from Streets and Drainage Funds**

BUDGET		
	Estimate	% of total
Engineering	\$ 23,000.00	16%
Proj Manage	\$ 118,000.00	84%
Construction		
Contingency		
<b>total</b>	<b>\$ 141,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
028-430-620079	\$ 50,000.00	35%
<b>040-431-620079</b>	<b>\$ 91,000.00</b>	<b>65%</b>
		0%
		0%
		0%
<b>TOTAL</b>	<b>\$ 141,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 141,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 141,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: 620080

Project Cost: \$ 87,000.00

Description: Improve roadway and drainage on SW 3rd Street between SW Main Ct and S Main Ave

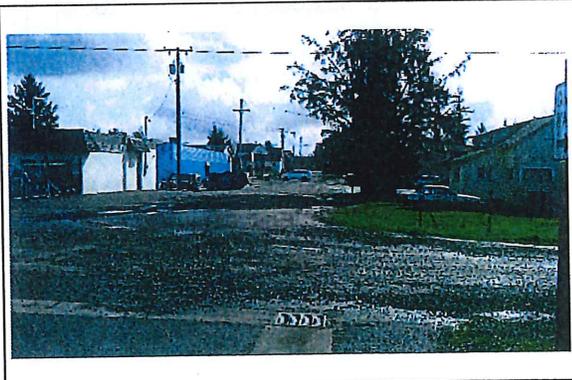
Benefits: Improve deteriorated roadway and reduce ongoing maintenance costs.

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	\$ 14,000.00	16%
Proj Manage	\$ 73,000.00	84%
Construction		0%
Contingency		0%
<b>total</b>	<b>\$ 87,000.00</b>	<b>100%</b>

FUNDING SOURCES	Amount	% of total
Source		
Storm 028-430-620080	\$ 24,000.00	28%
<b>Streets 040-431-620080</b>	<b>\$ 63,000.00</b>	<b>72%</b>
		0%
<b>TOTAL</b>	<b>\$ 87,000.00</b>	<b>100%</b>



SCHEDULE	Amount	% of total
Fiscal Year		
2015-16	\$ 87,000.00	100%
2016-17		
2017-18		
2018-19		
2019-20		
2020-21		
	<b>\$ 87,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **N Main / NW 7th Place Improvements**

Project Number: **620078**

Project Cost: **\$ 391,600.00**

Description: **Upgrade water system and repair & rebuild N. Main Street and NE 7th Street**

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

Cost Calculation: **\$ 391,600.00**

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		
	Estimate	% of total
Engineering	\$ 71,600.00	18%
Proj Manage		
Construction	\$ 292,020.00	75%
Contingency	\$ 27,980.00	7%
<b>total</b>	<b>\$ 391,600.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
Water 029-430		0%
Sewer 038-430	\$ -	0%
Streets 040-431-620078	\$ 391,600	100%
		0%
		0%
<b>TOTAL</b>	<b>\$ 391,600</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 391,600.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>TOTAL</b>	<b>\$ 391,600.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Street Improvements eligible for SDC funding  
**Project Number:** FY 2015-2016  
**Project Cost:** \$550,650

**Description:**  
 Unallocated SDC revenue funded improvements.

**Benefits:**

**Cost Calculation:**

**O & M Impact:**

BUDGET		
	Estimate	% of total
Street Improvements	550,650	100

FUNDING SOURCES		
Source	Amount	% of total
SDC Funds	550,650	100
041-410-620000		
<b>TOTAL</b>		

PICTURE OR MAP		

SCHEDULE		
Fiscal Year	Amount	% of total
2015-2016	550,650	100
2016-2017		
2017-2018		
2018-2019		
2019-2020		
2020-2021		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: **620000**

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

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	\$ 100,000.00	100%
<b>total</b>	<b>\$ 100,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 100,000.00	100%
<b>TOTAL</b>	<b>\$ 100,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 100,000.00	100%
2017-18	\$ 100,000.00	100%
2018-19	\$ 100,000.00	100%
2019-20	\$ 100,000.00	100%
2020-21	\$ 100,000.00	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		
	Estimate	% of total
Engineering	\$ 15,000.00	
Proj Manage		
Construction	\$ 85,000.00	
Contingency		
<b>total</b>	<b>\$100,000.00</b>	<b>0%</b>

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 100,000.00	100%
<b>TOTAL</b>	<b>\$ 100,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 100,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 100,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: **620000**

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		040-431	\$ 225,000.00	100%
Proj Manage					
Construction	\$195,000.00				
Contingency					
<b>total</b>	<b>\$225,000.00</b>	<b>0%</b>	<b>TOTAL</b>	<b>\$ 225,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 225,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 225,000.00</b>	<b>100%</b>

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

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

**Project Number:** 620000

**Project Cost:** \$ 118,000.00

**Description:** Improve SW 4th Street roadway between S Main Ave and SW Alder Court

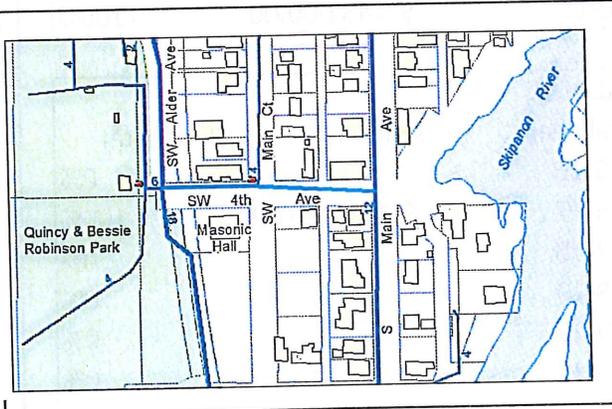
**Benefits:** Rebuild deteriorated and irregular roadway

**Cost Calculation:** Eng Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ 18,000.00	15%
Proj Manage		
Construction	\$ 100,000.00	
Contingency		
<b>total</b>	<b>\$ 118,000.00</b>	<b>15%</b>

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 118,000.00	100%
<b>TOTAL</b>	<b>\$ 118,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 118,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 118,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: **620000**

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

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

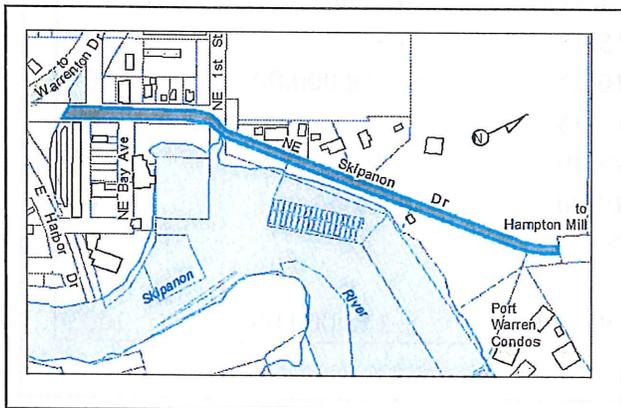
Benefits: **Extend life of roadway that handles heavy truck traffic to mill. This project may involve raising the grade along Skipanon as part of the levee rebuild project.**

Cost Calculation: **Eng Estimate**

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

BUDGET		
	Estimate	% of total
Engineering	\$ 22,000.00	100%
Proj Manage		
Construction	\$ 121,000.00	
Contingency		
<b>total</b>	<b>\$ 143,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
028-430	\$ -	0%
029-430	\$ -	0%
Streets 040-431	\$ 143,000.00	100%
		0%
		0%
<b>TOTAL</b>	<b>\$ 143,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 143,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 143,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Forth Avenue Improvement Project (Lake - Jetty)**

Project Number: 620000

Project Cost: \$ 195,000.00

Description: Construct new roadway for Fourth Avenue between Lake & Jetty and improve drainage to mitigate historic flooding in this area.

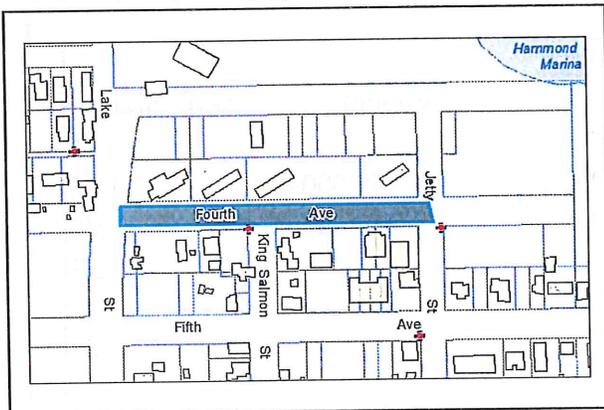
Benefits: Roadway is too deteriorated for an overlay.

Cost Calculation: Eng Estimate

O & M Impact: Funded from Drainage and Street Capital Funds

BUDGET		
	Estimate	% of total
Engineering	\$ 30,000.00	100%
Proj Manage		
Construction	\$ 165,000.00	
Contingency		
<b>total</b>	<b>\$ 195,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
028-430	\$ 93,000.00	48%
040-431	\$ 102,000.00	52%
<b>TOTAL</b>	<b>\$ 195,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 195,000.00	100%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 195,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: 620000

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

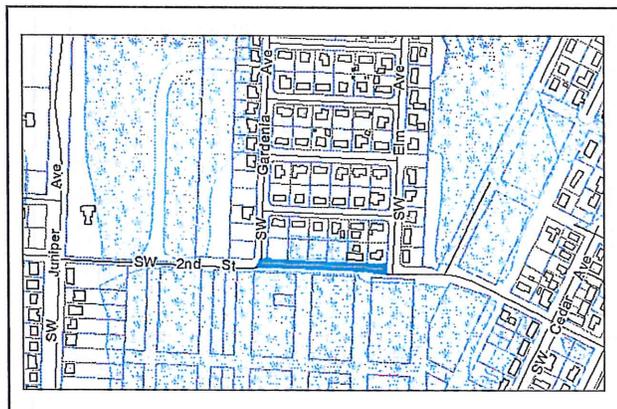
Benefits: Connectivity between downtown and Juniper residential area.

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%
<b>total</b>	<b>\$ 315,000.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17	\$ 48,000.00	15%
2017-18	\$ 267,000.00	85%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 315,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

**Project Number:** 620000

**Project Cost:** \$ 354,000.00

**Description:** Install new storm drain on SE Anchor south of 1st Street and waterlines on Anchor Ave & 3rd Street system and rebuild roadway

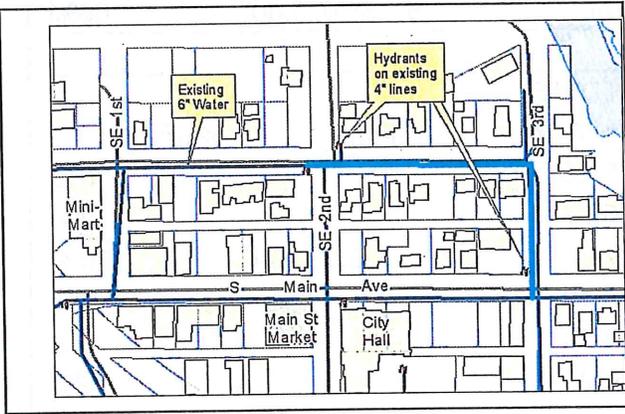
**Benefits:** Improve drainage to avoid future roadway deterioration and upgrade undersized waterlines.

**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	
Proj Manage		
Construction	\$ 301,000.00	
Contingency		
<b>total</b>	<b>\$ 354,000.00</b>	<b>0%</b>

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430	\$ 62,000.00	18%
Water 029-430	\$ 82,000.00	23%
<b>Streets 040-431</b>	<b>\$ 210,000.00</b>	<b>59%</b>
<b>TOTAL</b>	<b>\$ 354,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 354,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 354,000.00</b>	<b>100%</b>

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 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		
	Estimate	% of total
Engineering	\$ 28,000.00	100%
Proj Manage		
Construction	\$157,000.00	
Contingency		
<b>total</b>	<b>\$185,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 185,000.00	100%
<b>TOTAL</b>	<b>\$ 185,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18	\$ 185,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 185,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **SE Main Court Reconstruction Project (SE 9th - SE 11th)**

Project Number: 620000

Project Cost: \$ 107,000.00

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

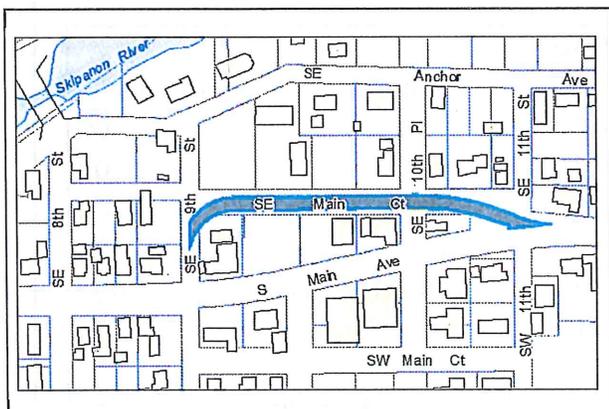
Benefits: Roadway is near the end of its useful life.

Cost Calculation: Eng Estimate

O & M Impact: Funded from Street Capital Fund.

BUDGET		
	Estimate	% of total
Engineering	\$ 16,000.00	100%
Proj Manage		
Construction	\$ 91,000.00	
Contingency		
<b>total</b>	<b>\$ 107,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
040-431	\$ 107,000.00	100%
<b>TOTAL</b>	<b>\$ 107,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2014-15		0%
2015-16		0%
2016-17		0%
2017-18		0%
2018-19	\$ 107,000.00	100%
2019-20		0%
<b>total</b>	<b>\$ 107,000.00</b>	<b>0%</b>

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.

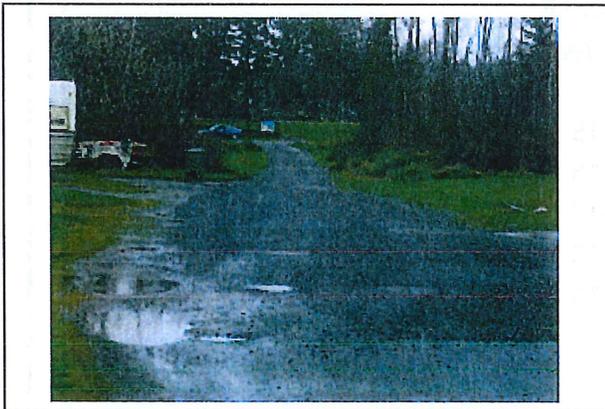
Benefits: Roadway west of SE Anchor has outlived its useful life and no pavement exists between SE Anchor and the Skipanon Boat Launch feature.

Cost Calculation: Eng Estimate

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

BUDGET		
	Estimate	% of total
Engineering	\$ -	100%
Proj Manage		
Construction	\$ -	
Contingency		
<b>total</b>	<b>\$ 281,000.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 281,000.00	100%
2020-21		0%
<b>total</b>	<b>\$ 281,000.00</b>	<b>0%</b>

**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

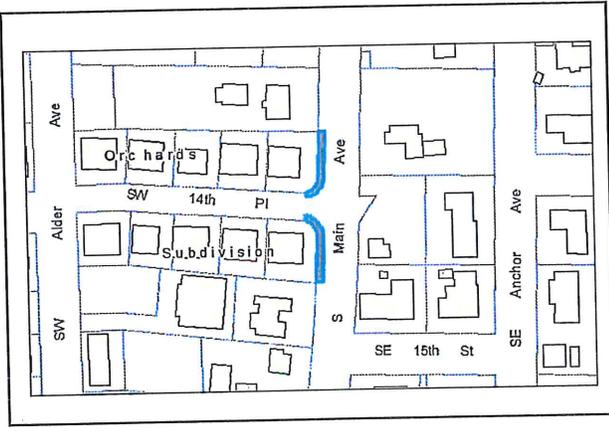
**Benefits:** Project is not viable without significant funding to address drainage and a realistic construction cost.

**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%
<b>total</b>	<b>\$ 24,000.00</b>	<b>100%</b>

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



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		0%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20	\$ 24,000.00	100%
2020-21		
<b>total</b>	<b>\$ 24,000.00</b>	<b>0%</b>

*"Making a difference through excellence of service"*



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***Storm Sewer***

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: **620081**

Project Cost: **\$ 163,000.00**

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		
	Estimate	% of total
Urban Renewal	\$ 100,000.00	61%
Storm Water	\$ 25,000.00	15%
Storm SDC	\$ 38,000.00	23%
<b>total</b>	<b>\$ 163,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
200-800-620081	\$ 100,000.00	61%
028-430-620081	\$ 25,000.00	15%
051-410-620081	\$ 38,000.00	23%
<b>TOTAL</b>	<b>\$ 163,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 163,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 163,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **NW 13th Street & Warrenton Drive trail & drainage improvements**

Project Number: **620079**

Project Cost: **\$ 141,000.00**

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

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

Cost Calculation: **Eng Estimate**

O & M Impact: **Funded from Streets and Drainage Funds**

BUDGET		
	Estimate	% of total
Engineering	\$ 23,000.00	16%
Proj Manage	\$ 118,000.00	84%
Construction		
Contingency		
<b>total</b>	<b>\$ 141,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
028-430-620079	\$ 50,000.00	35%
040-431-620079	\$ 91,000.00	65%
		0%
		0%
		0%
<b>TOTAL</b>	<b>\$ 141,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 141,000.00	100%
2016-17		0%
2017-18		0%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 141,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number: 620080

Project Cost: \$ 87,000.00

Description: Improve roadway and drainage on SW 3rd Street between SW Main Ct and S Main Ave

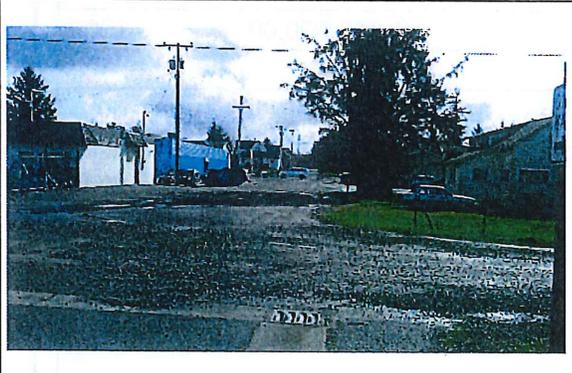
Benefits: Improve deteriorated roadway and reduce ongoing maintenance costs.

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	\$ 14,000.00	16%
Proj Manage	\$ 73,000.00	84%
Construction		0%
Contingency		0%
<b>total</b>	<b>\$ 87,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
Storm 028-430-620080	\$ 24,000.00	28%
Streets 040-431-620080	\$ 63,000.00	72%
		0%
<b>TOTAL</b>	<b>\$ 87,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 87,000.00	100%
2016-17		
2017-18		
2018-19		
2019-20		
2020-21		
	<b>\$ 87,000.00</b>	<b>100%</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Storm Sewer Improvements eligible for SDC funds  
**Project Number:** FY 2015-2016  
**Project Cost:** \$40,270

**Description:**  
 Unallocated SDC revenue funded improvements.

**Benefits:**

**Cost Calculation:**

**O & M Impact:**

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Storm Sewer Improvements	40,270	100	SDC Funds	40,270	100
			051-410-620000		
			TOTAL		

PICTURE OR MAP	SCHEDULE		
	Fiscal Year	Amount	% of total
	2015-2016	40,270	100
	2016-2017		
	2017-2018		
	2018-2019		
	2019-2020		
	2020-2021		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Tidegate Replacement Program**

Project Number: 620082

Project Cost: \$100,000.00

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		
	Estimate	% of total
Engineering	\$ 18,000.00	18%
Construction	\$ 82,000.00	82%
		0%
<b>TOTAL</b>	<b>\$100,000.00</b>	<b>100%</b>

FUNDING SOURCES		
Source	Amount	% of total
028-430-620082	\$ 100,000.00	100%
<b>TOTAL</b>	<b>\$ 100,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 100,000.00	100%
2016-17	\$ 50,000.00	
2017-18	\$ 50,000.00	
2018-19	\$ 50,000.00	
2019-20	\$ 50,000.00	

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

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

**Project Number:** 620000

**Project Cost:** \$ 354,000.00

**Description:** Install new storm drain on SE Anchor south of 1st Street and waterlines on Anchor Ave & 3rd Street system and rebuild roadway

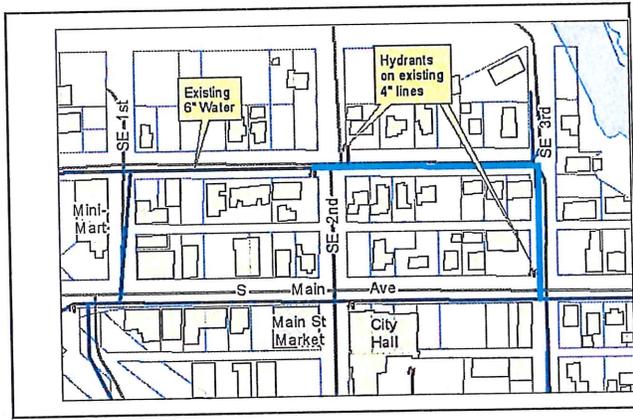
**Benefits:** Improve drainage to avoid future roadway deterioration and upgrade undersized waterlines.

**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	
Proj Manage		
Construction	\$ 301,000.00	
Contingency		
<b>total</b>	<b>\$ 354,000.00</b>	<b>0%</b>

FUNDING SOURCES	Amount	% of total
Storm 028-430	\$ 62,000.00	18%
Water 029-430	\$ 82,000.00	23%
Streets 040-431	\$ 210,000.00	59%
<b>TOTAL</b>	<b>\$ 354,000.00</b>	<b>100%</b>



SCHEDULE	Amount	% of total
Fiscal Year		
2015-16		0%
2016-17		0%
2017-18	\$ 354,000.00	100%
2018-19		0%
2019-20		0%
2020-21		0%
<b>total</b>	<b>\$ 354,000.00</b>	<b>100%</b>

*"Making a difference through excellence of service"*



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***Public Works Equipment***

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **1-ton service truck purchase**

Project Number: **610005**

Project Cost: **\$ 38,000.00**

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

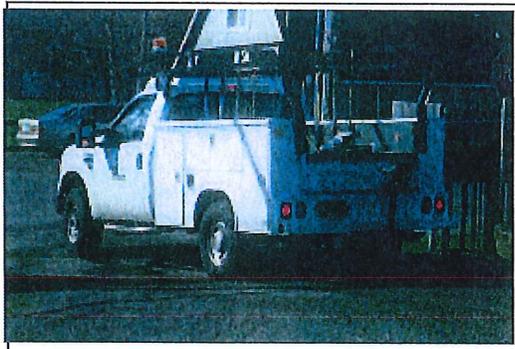
Benefits: **Keeps the PW fleet in good condition.**

Cost Calculation: **New**

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

BUDGET		
Estimate	% of total	
\$ 38,000.00	100	

FUNDING SOURCES 2015		
Source	Amount	% of total
Parks 001-429-610005	\$ 760.00	2%
Storm 028-430-610005	\$ 1,140.00	3%
Water 029-430-610005	\$ 15,960.00	42%
Sanitation 034-430-610005	\$ 4,940.00	13%
Sewer 038-430-610005	\$ 11,780.00	31%
Streets 040-431-610005	\$ 3,420.00	9%
<b>TOTAL</b>	<b>\$ 38,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 38,000.00	100
2016-17		
2018-18		
2017-19		
2019-20		
2020-21		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: Purchase front loading garbage truck

Project Number: 610008

Project Cost: \$ 300,000.00

Description: Purchase side loading garbage truck to replace truck 41, which is a modle year 1997 (purchased in 2006). This is a proposed as an ongoing six-year replacement schedule.

Benefits: Replace 6-year old side loading truck

Cost Calculation: New

O & M Impact: Allow less down time for equipment maintenance for critcal customer

BUDGET	
Estimate	% of total

FUNDING SOURCES		
Source	Amount	% of total
034-430-610008	\$ 300,000.00	100%
TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ 300,000.00	100%
2016-17		
2017-18		
2018-19		
2019-20		
2020-21		

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 assures to be no more than six years old. This keeps maintenance costs at a minimum.**

BUDGET		
	Estimate	% of total
	\$ 41,000.00	100

FUNDING SOURCES 2016			
Source		Amount	% of total
	Parks 001-429	\$ 820.00	2%
	Storm 028-430	\$ 1,230.00	3%
	Water 029-430	\$ 17,220.00	42%
	Sanitation 034-430	\$ 5,330.00	13%
	Sewer 038-430	\$ 12,710.00	31%
	Streets 040-431	\$ 3,690.00	9%
<b>TOTAL</b>		<b>\$ 41,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17	\$ 41,000.00	100
2017-18		
2018-19		
2019-20		
2019-21		
2019-22		

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

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

Project Number: **610007**

Project Cost: **\$ 80,000.00**

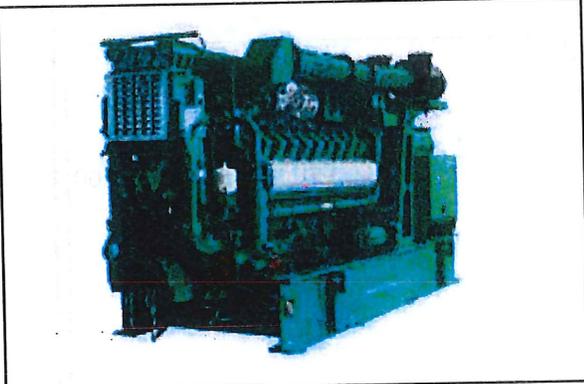
Description: **Rewire City Hall generator provide a new generator for Public Works**

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

Cost Calculation: **New**

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

BUDGET		FUNDING SOURCES		
Estimate	% of total	Source	Amount	% of total
\$ 80,000.00	100%	Parks 001-429	\$ 1,600.00	2%
		Storm 028-430	\$ 1,600.00	2%
		Water 029-430	\$ 33,600.00	42%
		Sanitation 034-430	\$ 11,200.00	14%
		Sewer 038-430	\$ 24,800.00	31%
		Streets 040-431	\$ 7,200.00	9%
		<b>TOTAL</b>	<b>\$ 80,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17	\$ 80,000.00	100%
2017-18		
2018-19		
2019-20		
2020-21		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Non-Utility truck purchase**

Project Number: 029-430-610020

Project Cost: \$ 30,000.00

Description: Ongoing Water Treatment Plant service truck replacement program to keep the Public Works service vehicle fleet in good shape. WTP Trucks are replaced on a 2-year basis.

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

O & M Impact: By buying a new truck every other year, the oldest service vehicle in the fleet is assured to be no more than 6 years old. This keeps maintenance costs at a minimum.

BUDGET		
	Estimate	% of total
	\$ 30,000.00	100

FUNDING SOURCES 2013		
Source	Amount	% of total
Parks 001-429		
Storm 028-430		
Water 029-430-610020	\$ 30,000.00	100
Sanitation 034-430		
Sewer 038-430		
Streets 040-431		
<b>TOTAL</b>		



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17	\$ 30,000.00	100
2017-18		
2018-19		
2019-20		
2020-21		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

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

Project Number:

Project Cost: \$ 38,000.00

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

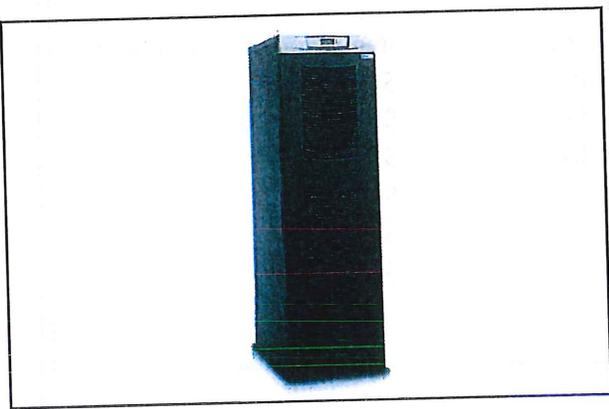
Benefits: This unit is essential to maintain plant operations during power failure.

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	Estimate	% of total
	\$ 38,000.00	100

FUNDING SOURCES 2013		
Source	Amount	% of total
Parks 001-429	\$ -	0%
Storm 028-430	\$ -	0%
Water 029-430	\$ 38,000.00	100%
Sanitation 034-430	\$ -	0%
Sewer 038-430	\$ -	0%
Streets 040-431	\$ -	0%
<b>TOTAL</b>	<b>\$ 38,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17	\$ 38,000.00	
2017-18	\$ -	
2018-19	\$ -	
2019-20	\$ -	
2020-21	\$ -	

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: Chlorine System Rectifier for Water Treatment Plant

Project Number:

Project Cost: \$ 40,000.00

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 manufacture 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
	\$ 40,000.00	100

FUNDING SOURCES 2013		
Source	Amount	% of total
Parks 001-429	\$ -	0%
Storm 028-430	\$ -	0%
Water 029-430	\$ 40,000.00	100%
Sanitation 034-430	\$ -	0%
Sewer 038-430	\$ -	0%
Streets 040-431	\$ -	0%
<b>TOTAL</b>	<b>\$ 40,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ -	
2016-17	\$ 40,000.00	
2017-18	\$ -	
2018-19	\$ -	
2019-20	\$ -	
2020-21	\$ -	

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

PROJECT:

**Purchase Mower**

Project Number:

610000

Project Cost:

\$ 45,000.00

Description:

Purchase new mower for water treatment plant

Benefits:

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

Cost Calculation:

New

O & M Impact:

Eliminate out-sourcing costs and provide for more frequent mowing of water treatment plant properties.

**BUDGET**

Estimate	% of total
\$ 45,000.00	100

**FUNDING SOURCES 2016**

Source	Amount	% of total
Parks 001-429	\$ -	0%
Storm 028-430	\$ -	0%
Water 029-430	\$ 45,000.00	100%
Sanitation 034-430	\$ -	0%
Sewer 038-430	\$ -	0%
Streets 040-431	\$ -	0%
<b>TOTAL</b>	<b>\$ 45,000.00</b>	<b>100%</b>



**SCHEDULE**

Fiscal Year	Amount	% of total
2014-15		
2015-16		
2016-17	\$ 45,000.00	100%
2017-18		
2018-19		
2019-20		

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.**

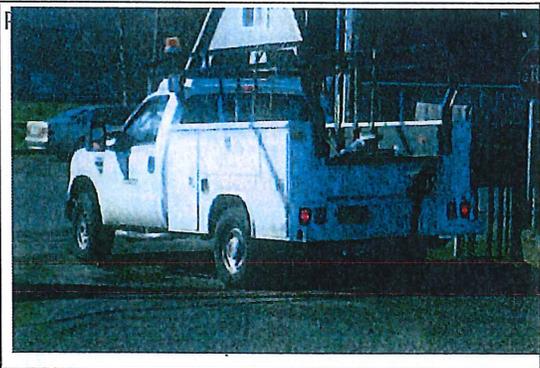
Benefits: **Keeps the PW fleet in good condition.**

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	

FUNDING SOURCES 2017			
Source	Amount	% of total	
Parks 001-429	\$ 880.00	2%	
Storm 028-430	\$ 1,320.00	3%	
Water 029-430	\$ 18,480.00	42%	
Sanitation 034-430	\$ 5,720.00	13%	
Sewer 038-430	\$ 13,640.00	31%	
Streets 040-431	\$ 3,960.00	9%	
<b>TOTAL</b>	<b>\$ 44,000.00</b>	<b>100%</b>	



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18	\$ 44,000.00	100
2018-19		
2019-20		
2020-21		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **10-yard dump truck**

Project Number: 6100xx

Project Cost: \$ 235,000

Description: Purchase new 10-cubic yard dump truck

Benefits: Replace 5 CY older equipment, allow for more versatility on job site, and minimize material hauling trips. This will be able to tow Back hoe with a load if material.

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		
	Estimate	% of total
Chassis	\$ 120,000	100%
Dump Body	\$ 115,000	
	\$ 235,000	

FUNDING SOURCES 2018		
Source	Amount	% of total
Parks 001-429	\$ 4,700	2%
Storm 028-430	\$ 7,050	3%
Water 029-430	\$ 98,700	42%
Sanitation 034-430	\$ -	0%
Sewer 038-430	\$ 72,850	31%
Streets 040-431	\$ 51,700	22%
<b>TOTAL</b>	<b>\$ 235,000</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18	\$ 235,000	100%
2018-19		
2019-20		
2020-21		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: Purchase Heavy Duty Trailer for backhoe

Project Number:

Project Cost: \$ 30,000.00

Description: Purchase heavy duty trailer used to transport backhoe behind 10-yard dump truck

Benefits: Keep from driving backhoe on City Streets & State Highways.

Cost Calculation: Quotes

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

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

FUNDING SOURCES 2014			
Source		Amount	% of total
	Parks 001-429	\$ 600.00	2%
	Storm 028-430	\$ 900.00	3%
	Water 029-430	\$ 12,600.00	42%
	Sanitation 034-430	\$ -	0%
	Sewer 038-430	\$ 9,300.00	31%
	Streets 040-431	\$ 6,600.00	22%
<b>TOTAL</b>		<b>\$ 30,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18	\$ 30,000.00	100%
2018-19		
2019-20		
2020-21		

**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.

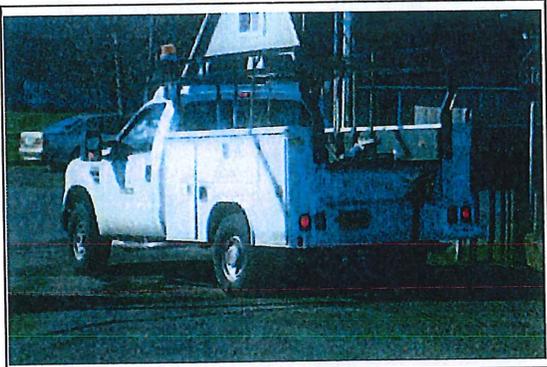
**Benefits:** Keeps the PW fleet in good condition.

**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		
	Estimate	% of total
	\$ 47,000.00	100

FUNDING SOURCES 2018			
Source		Amount	% of total
	Parks 001-429	\$ 940.00	2%
	Storm 028-430	\$ 1,410.00	3%
	Water 029-430	\$ 19,740.00	42%
	Sanitation 034-430	\$ 6,110.00	13%
	Sewer 038-430	\$ 14,570.00	31%
	Streets 040-431	\$ 4,230.00	9%
<b>TOTAL</b>		<b>\$ 47,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18		
2018-19	\$ 47,000.00	100
2019-20		
2020-21		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Non-Utility truck purchase**

Project Number: 029-430-610005

Project Cost: \$ 32,000.00

Description: Ongoing Water Treatment Plant service truck replacement program to keep the Public Works service vehicle fleet in good shape. WTP Trucks are replaced on a 2-year basis.

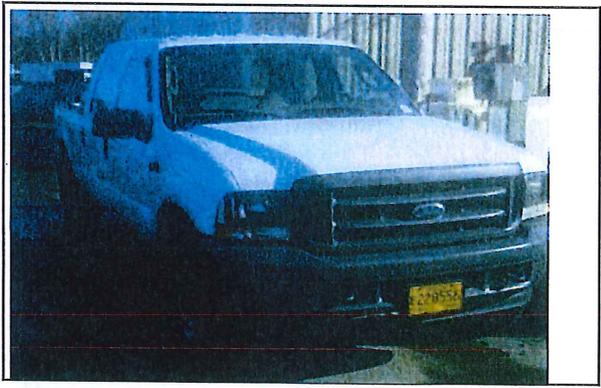
Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

O & M Impact: By buying a new truck every other year, the oldest service vehicle in the fleet is assured to be no more than 6 years old. This keeps maintenance costs at a minimum.

BUDGET		
	Estimate	% of total
	\$ 32,000.00	100

FUNDING SOURCES 2013		
Source	Amount	% of total
Parks 001-429		
Storm 028-430		
Water 029-430	\$ 32,000.00	100
Sanitation 034-430		
Sewer 038-430		
Streets 040-431		
<b>TOTAL</b>		



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18		
2018-19	\$ 32,000.00	101
2019-20		
2020-21		

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

PROJECT: **Purchase New Backhoe**

Project Number: **610004**

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

Description: **Purchase new backhoe**

Benefits: **Replace aging equipment.**

Cost Calculation: **New**

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

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

FUNDING SOURCES 2014			
Source		Amount	% of total
	Parks 001-429	\$ 3,400.00	2%
	Storm 028-430	\$ 5,100.00	3%
	Water 029-430	\$ 71,400.00	42%
	Sanitation 034-430	\$ -	0%
	Sewer 038-430	\$ 52,700.00	31%
	Streets 040-431	\$ 37,400.00	22%
<b>TOTAL</b>		<b>\$ 170,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2014-15		
2015-16		
2016-17		
2017-18		
2018-19	\$ 170,000.00	100%
2019-20		
2020-21		

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET**

PROJECT: **JD Mower tractor for boom mower**

Project Number: **61000**

Project Cost: **\$150,000.00**

Description: **Replace old JD Tractor with new model for Dike maintenance.**

Benefits: **Reduce repair costs.**

Cost Calculation: **estimate**

O & M Impact: **Lower ongoing maintenance costs.**

BUDGET		
Estimate	% of total	
\$150,000.00	100	

FUNDING SOURCES 2017			
Source	Amount	% of total	
Parks 001-429	\$ -	0%	
Storm 028-430	\$ 67,500.00	45%	
Water 029-430	\$ -	0%	
Sanitation 034-430	\$ -	0%	
Sewer 038-430	\$ 15,000.00	10%	
Streets 040-431	\$ 67,500.00	45%	
<b>TOTAL</b>	<b>\$ 150,000.00</b>	<b>100%</b>	



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18		
2018-19	\$ 150,000.00	100%
2019-20		
2020-21		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Purchase side loading garbage truck**

Project Number:

Project Cost: **\$ 300,000.00**

Description: **Purchase side loading garbage truck to replace blue truck purchased in 2011. This is a proposed six-year replacement schedule.**

Benefits: **Replace 6-year old side loading truck**

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
\$ 300,000.00	100		034-430	\$ 300,000.00	100%
			TOTAL		



SCHEDULE		
Fiscal Year	Amount	% of total
2013-14		
2014-15		
2015-16		
2016-17		
2017-18		
2018-19	\$ 300,000.00	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 assures to be no more than six years old. This keeps maintenance costs at a minimum.**

BUDGET		
	Estimate	% of total
	\$ 50,000.00	100

FUNDING SOURCES 2018			
Source		Amount	% of total
	Parks 001-429	\$ 1,000.00	2%
	Storm 028-430	\$ 1,500.00	3%
	Water 029-430	\$ 21,000.00	42%
	Sanitation 034-430	\$ 6,500.00	13%
	Sewer 038-430	\$ 15,500.00	31%
	Streets 040-431	\$ 4,500.00	9%
<b>TOTAL</b>		<b>\$ 50,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18		
2018-19		
2019-20	\$ 50,000.00	100%
2020-21		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: Water Treatment Plant Air Compressor

Project Number: 610000

Project Cost: \$ 30,000.00

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

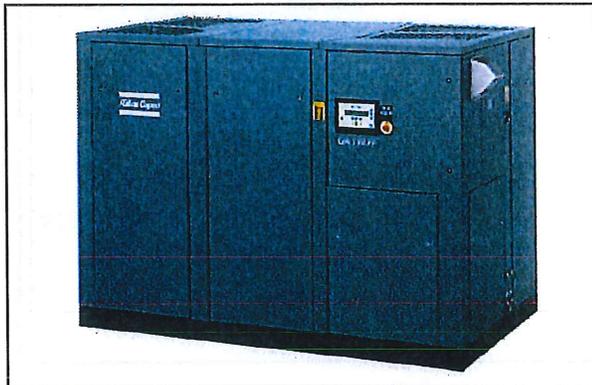
Benefits: Assure that equipment is replaced before failures.

Cost Calculation:  

O & M Impact: Air compressors have an average life span of 20 years. In 2019 this unit will be 18 years old. This will be the first of three units at the plant between 2019 & 2022.

BUDGET		
Estimate	% of total	
\$ 30,000.00	100	

FUNDING SOURCES 2013		
Source	Amount	% of total
Parks 001-429	\$ -	0%
Storm 028-430	\$ -	0%
Water 029-430	\$ 30,000.00	100%
Sanitation 034-430	\$ -	0%
Sewer 038-430	\$ -	0%
Streets 040-431	\$ -	0%
<b>TOTAL</b>	<b>\$ 30,000.00</b>	<b>100%</b>



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16	\$ -	
2016-17	\$ -	
2017-18	\$ -	
2018-19	\$ -	
2019-20	\$ 30,000.00	100%
2020-21		

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Purchase Bucket Truck**

Project Number:

Project Cost: **\$ 80,000.00**

Description: **Purchase Bucket Truck.**

Benefits: **Replace aging equipment.**

Cost Calculation: **New**

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

BUDGET		FUNDING SOURCES 2017			
	Estimate	% of total	Source	Amount	% of total
	\$ 80,000.00	100	Parks 001-429	\$ 2,400.00	3%
			Storm 028-430	\$ -	0%
			Water 029-430	\$ -	0%
			Sanitation 034-430	\$ -	0%
			Sewer 038-430	\$ -	0%
			Streets 040-431	\$ 69,600.00	87%
			<b>TOTAL</b>	<b>\$ 72,000.00</b>	<b>90%</b>

Fiscal Year	SCHEDULE	
	Amount	% of total
2014-15		
2015-16		
2016-17		
2017-18		
2018-19		
2019-20	\$ 80,000.00	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		
Estimate	% of total	
\$ 50,000.00	100	

FUNDING SOURCES 2018			
Source	Amount	% of total	
Parks 001-429	\$ 1,000.00	2%	
Storm 028-430	\$ 1,500.00	3%	
Water 029-430	\$ 21,000.00	42%	
Sanitation 034-430	\$ 6,500.00	13%	
Sewer 038-430	\$ 15,500.00	31%	
Streets 040-431	\$ 4,500.00	9%	
<b>TOTAL</b>	<b>\$ 50,000.00</b>	<b>100%</b>	



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18		
2018-19		
2019-20		
2020-21	\$ 50,000.00	100%

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: **Non-Utility truck purchase**

Project Number: 029-430-610005

Project Cost: \$ 35,000.00

Description: Ongoing Water Treatment Plant service truck replacement program to keep the Public Works service vehicle fleet in good shape. WTP Trucks are replaced on a 2-year basis.

Benefits: Keeps the PW fleet in good condition.

Cost Calculation: New

O & M Impact: By buying a new truck every other year, the oldest service vehicle in the fleet is assured to be no more than 6 years old. This keeps maintenance costs at a minimum.

BUDGET		
	Estimate	% of total
	\$ 35,000.00	100

FUNDING SOURCES 2013		
Source	Amount	% of total
Parks 001-429		
Storm 028-430		
Water 029-430	\$ 35,000.00	100
Sanitation 034-430		
Sewer 038-430		
Streets 040-431		
<b>TOTAL</b>		



SCHEDULE		
Fiscal Year	Amount	% of total
2015-16		
2016-17		
2017-18		
2018-19		
2019-20		
2020-21	\$ 35,000.00	100



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***Warrenton Marina***



CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: Warrenton Marina Improvements - Unallocated

Project Number: 012-461-620000

Project Cost: \$89,477

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

Benefits:

Cost Calculation:

O & M Impact:

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
012-461-620000	\$89,477	100%	Warrenton 012-461-620000	\$89,477	100%
			TOTAL		

PICTURE OR MAP	SCHEDULE		
	Fiscal Year	Amount	% of total
	2015-2016	\$89,477	100%

attest (Lommel)



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*Hammond Marina*

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

2015-2016

PROJECT: Hammond Marina Bank Stabilization Project

Project Number: 013-461-620010

Project Cost: \$65,000

Description: Bank Stabilization is needed between A-Dock and B-Dock.  
This is the Masterplan but needs to be done now. Marina will lose more ground next winter if High water and winds keep up as in past years.

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

Cost Calculation: \$65,000 200 feet by 40 feet  
100 feet by 40 feet was \$29,000 in 2014-2015

O & M Impact:

<p><b>BUDGET</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%;">Estimate</th> <th style="width: 20%;">% of total</th> </tr> </thead> <tbody> <tr> <td>013-461-620010</td> <td style="text-align: right;">\$65,000</td> <td style="text-align: right;">100%</td> </tr> </tbody> </table>		Estimate	% of total	013-461-620010	\$65,000	100%	<p><b>FUNDING SOURCES</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Source</th> <th style="width: 20%;">Amount</th> <th style="width: 20%;">% of Total</th> </tr> </thead> <tbody> <tr> <td>Hammond Marina 013-461-620010</td> <td style="text-align: right;">\$65,000</td> <td style="text-align: right;">100%</td> </tr> <tr> <td colspan="3"><b>TOTAL</b></td> </tr> </tbody> </table>	Source	Amount	% of Total	Hammond Marina 013-461-620010	\$65,000	100%	<b>TOTAL</b>		
	Estimate	% of total														
013-461-620010	\$65,000	100%														
Source	Amount	% of Total														
Hammond Marina 013-461-620010	\$65,000	100%														
<b>TOTAL</b>																
<p><b>PICTURE OR MAP</b></p> 	<p><b>SCHEDULE</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Fiscal Year</th> <th style="width: 20%;">Amount</th> <th style="width: 20%;">100%</th> </tr> </thead> <tbody> <tr> <td>2015-2016</td> <td style="text-align: right;">\$65,000</td> <td></td> </tr> </tbody> </table>	Fiscal Year	Amount	100%	2015-2016	\$65,000										
Fiscal Year	Amount	100%														
2015-2016	\$65,000															

**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

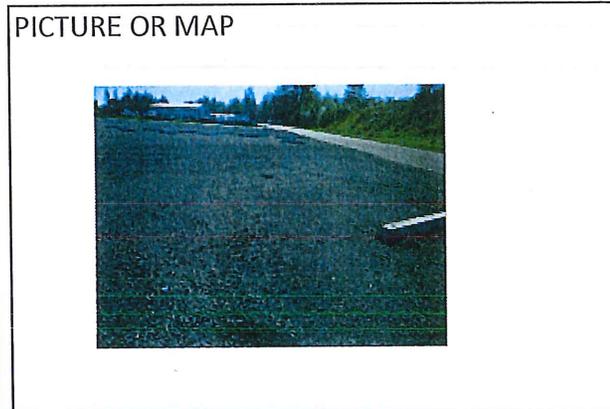
Benefits: For the City of Warrenton to own the 59.2 acres at the Hammond Marina

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
013-461-620009	\$150,000	100%
	\$150,000	

FUNDING SOURCES		
Source	Amount	% of total
013-461-620009		100%
TOTAL	\$150,000	100%



SCHEDULE		
Fiscal Year	Amount	% of total
2015-2016	\$150,000	100
	\$150,000	100%

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

PROJECT: Hammond Marina Improvements - Unallocated

Project Number: 013-461-620000

Project Cost: \$204,000

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

Benefits:

Cost Calculation:

O & M Impact:

BUDGET			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
013-461-620000	\$204,000	100%	Hammond 013-461-620000	\$204,000	100%
			TOTAL		

PICTURE OR MAP			SCHEDULE		
	Amount	% of total	Fiscal Year		
	\$204,000	100%	2015-2016		



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*Tansy Point Dock*

CAPITAL IMPROVEMENT PROGRAM  
PROJECT DETAIL SHEET

**PROJECT:** Tansy Point Dock Anodes  
**Project Number:** FY 2015-2016  
**Project Cost:** \$91,538

**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			FUNDING SOURCES		
	Estimate	% of total	Source	Amount	% of total
Anodes	91,538	100	Capital Reserve 072-410-620000	91,538	100
			TOTAL		

PICTURE OR MAP	SCHEDULE		
	Fiscal Year	Amount	% of total
	2015-2016	91,538	100
	2016-2017		
	2017-2018		
	2018-2019		
	2019-2020		
	2020-2021		

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