



# **City of Poquoson Virginia**



**Adopted  
Constrained Capital Improvements Plan  
FY 2022—Beyond FY 2026**

**CITY OF POQUOSON, VIRGINIA**  
**ADOPTED CONSTRAINED CAPITAL IMPROVEMENTS PLAN**  
**FY 2022 – BEYOND FY 2026**

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# Constrained Capital Improvement Plan

## Fiscal Year 2022-2026



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## **Background**

The City of Poquoson's Constrained Capital Improvement Plan (CCIP) outlines the City's plan for achieving objectives and service delivery levels desired by City Council. The purpose of this plan is to forecast and match projected revenues and major capital needs over a five year period. The CCIP is an important management tool that strengthens the linkages between community infrastructure needs and the financial capacity of the City. More specifically, the CCIP is intended to accomplish the following objectives:

- To build the facilities required to support the City's public service responsibilities.
- To improve financial planning by comparing needs with resources, estimating future bond uses and debt service, and identifying tax rate implications.
- To establish priorities among projects so that limited available funds are used to the best advantage.
- To plan public facility construction and major equipment purchases and coordinate timing with the public needs.
- To support the physical development objectives contained in approved City plans.

Generally, capital improvements are defined as physical assets constructed or purchased that have a useful life five years or longer and have a cost of \$50,000 or more. Projects that meet this definition of a capital improvement are included in the CCIP, such as:

- new and expanded facilities for the community
- large scale rehabilitation or replacement of existing facilities
- the cost of engineering or architectural studies and services relative to the improvement
- major equipment
- the acquisition of land

The CCIP does not typically include items defined as Capital Outlay. Included as a separate Appendix to the CCIP are certain items meeting the definition of a capital outlay. These items, normally shown within the City's Operating Budget, include such things as furniture, equipment, and vehicles needed to support the operation of the City's programs. Generally, a capital outlay item may be defined as an item valued in excess of \$5,000 but less than \$50,000.

# Constrained Capital Improvement Plan

## Fiscal Year 2022-2026



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The projected costs of each capital project are sometimes the result of detailed engineering studies, and are sometimes simply working estimates. The project cost to be funded in the CCIP include all costs relating to design, acquisition, construction, project management, equipment, legal expenses, mitigation of damages, title costs and other land related costs, etc., when such information is available. As projects are refined, the CCIP may be modified from year to year.

## **Preparation**

The City's Constrained Capital Improvements Plan process begins with the distribution of funding request packets to each City department and the School Division. These request packets are returned to the Finance Department reflecting the chapter and page that correlates with the City of Poquoson FY 2018-2038 Comprehensive Plan adopted October 9, 2018, description, justification and cost of the projects. Once received the information is categorized and consolidated in preparation for the City Manager's review. The City Manager prioritizes the projects and prepares a proposed Constrained Capital Improvement Plan to be forwarded to the Planning Commission for their review and recommendation to City Council. After the public hearing requirements are met, the Planning Commission then forwards to City Council the recommended CCIP.

City Council also holds a public hearing at which time the recommended CCIP is presented. City Council has the authority to approve the recommended CCIP as presented, or approve with amendments. The first year of the Adopted CCIP is incorporated into the Manager's Recommended Budget as the Capital Budget for the upcoming fiscal year.

Each project in the CCIP is coupled with one or more funding sources. Revenues the City utilizes come from several sources such as federal and state governments, general obligation bonds, revenue bonds, dedicated taxes and fees, and the General Fund.

In the City's case, revenues that can come from the federal and state governments are the VDOT Revenue Sharing program, Urban Maintenance Contributions, and various other federal grants. It is important to note that funding received from these sources may require a cash match from the City.

# Constrained Capital Improvement Plan

## Fiscal Year 2022-2026



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Another source of revenue to fund capital projects is general obligation bonds. Bond issuances are governed strictly by state laws and regulations. A General Obligation Bond works similarly to a mortgage loan. The repayment of the bonds is usually long-term.

Revenue Bonds are also an additional source of revenue to fund capital projects that are needed for the enterprise funds. Debt service payments on these bonds are paid through user fees generated in the fund.

Typically, government regulations require that the proceeds from a bond issue be expended on one-time capital projects within a certain amount of time after the issuance. The level of debt that the City can incur is governed by the financial policies approved by City Council.

Dedicated taxes and fees can be used as another source of revenue to fund a specific project. An example of this could be an additional user fee to the bi-monthly sewer fee to be used to fund one time capital projects in the sewer fund. At this time, there are no projects being funded with dedicated taxes or revenue bonds.

The General Fund is the primary depository for taxes and fees, including real estate and personal property taxes, sales and meal taxes, utility taxes, etc., which are collected for the general operation of the City. General Fund revenues are used to fund capital projects as deemed appropriate by Council.

The CCIP represents the mutual effort of City departments, School Division, and agencies to meet the infrastructure needs of the City residents, businesses and visitors. It usually cannot fund all the capital project requests and the projects are closely scrutinized and prioritized to provide for the maximum benefit. Citizen input, the City's adopted Comprehensive Plan, the City's Master Infrastructure Plan (MIP), the recommendations of the City's Planning Commission and the total funding available all play a role in allocating limited resources.

The following pages represent both the requests of each department as well as the City Manager's recommendation. Also included is a summary of the CCIP for each department and their capital outlay as requested by the department and the recommended totals; a detailed description of each CCIP project is included as well as the Appendix of the capital outlay items.

The total funded CCIP as requested by the departments for capital improvements and capital outlay over the five year period was \$18,491,396 and beyond the five year period was \$22,716,132 for a total CCIP request of \$40,667,528.

# Constrained Capital Improvement Plan

## Fiscal Year 2022-2026



The City Manager considered the debt policies adopted by Council, the available outside funding and available General and Utilities Fund resources to recommend a CCIP. Considering these factors, the adopted CCIP for the Fiscal Year 2022 - 2026 includes \$8,948,491 for City Funded Projects and \$5,530,555 for State Funded.

Included in the debt service is \$2.2 Million, which reflects the City's portion of the second phase of the initial \$23 Million that City Council, directed in FY 2019 to be the constraints for borrowing. The first phase of borrowing provided the funding for five projects including the cost of issuance. The \$18 Million for the first phase was received in July 2018. The second borrowing of funding will provide for Middle School renovation and turf field replacements based on City Council's directive to the Financial Advisor, Davenport on January 11, 2021. The remaining funds have been earmarked for projects for the City once the mandate for Stormwater TMDL is known. On February 22, 2021, an ordinance was approved by City Council for the \$3.3 million bond issuance for the School's second phase portion.

Phase One	Schools	City	Total
Two School Buses	\$ 167,000	\$ -	\$ 167,000
Middle School	\$ 16,902,100	\$ -	\$ 16,902,100
City Hall HVAC	\$ -	\$ 275,000	\$ 275,000
Fire Engine 102	\$ -	\$ 135,000	\$ 135,000
TMDL	\$ -	\$ 150,000	\$ 150,000
Cost of Issuance	\$ -	\$ 440,900	\$ 440,900
	<u>\$ 17,069,100</u>	<u>\$ 1,000,900</u>	<u>\$ 18,070,000</u>

Phase Two*	Schools	City	Total
Middle School	\$ 2,930,900	\$ -	\$ 2,930,900
Football Turf Field	\$ 412,500	\$ -	\$ 412,500
Future Project **	\$ -	\$ 2,157,500	\$ 2,157,500
	<u>\$ 3,343,400</u>	<u>\$ 2,157,500</u>	<u>\$ 5,500,900</u>

Total Phase One and Two	\$ 20,412,500	\$ 3,158,400	\$ 23,570,900
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\*Phase Two borrowing of \$3.5 Million is net of issuance cost and includes updated borrowing capacity.

\*\*Phase Two borrowing is anticipated to support the funds needed for the EPA and Virginia DEQ requirements to the public drainage system. The City is seeking grants and use of credits to meet the program requirements. If successful, the City will determine the projects for which the debt service will be utilized.

# City Council Adopted Constrained Capital Improvement Plan

## Replacement Projects

SCHOOL PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
Bus Replacement	GF	11-SCH-009	\$ -	\$ 109,000	\$ 120,000	\$ 109,000	\$ 109,000	\$ 447,000
Primary School Chiller/Water Tower	GF	20-SCH-001	\$ -	\$ -	\$ -	\$ -	\$ 101,300	\$ 101,300
<b>TOTAL SCHOOL PROJECTS</b>			<b>\$ -</b>	<b>\$ 109,000</b>	<b>\$ 120,000</b>	<b>\$ 109,000</b>	<b>\$ 210,300</b>	<b>\$ 548,300</b>

PUBLIC SAFETY PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
MDTs Replacement - Police	GF	26-PS-001	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000
MDTs Replacement - Fire	GF	26-PS-002	\$ -	\$ -	\$ -	\$ -	\$ 65,487	\$ 65,487
Lifepak 15s Replacement	GF	21-PS-001	\$ 65,714	\$ -	\$ 65,714	\$ -	\$ 65,714	\$ 197,142
Stretcher system Replacement	GF	21-PS-002	\$ 93,562	\$ -	\$ -	\$ -	\$ -	\$ 93,562
Medic 11 Replacement	GF	22-PS-001	\$ -	\$ 230,000	\$ -	\$ -	\$ -	\$ 230,000
Ladder 2 Replacement	D	26-PS-003	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000
Medic 21 Replacement	GF	26-PS-004	\$ -	\$ -	\$ -	\$ -	\$ 230,000	\$ 230,000
<b>TOTAL PUBLIC SAFETY PROJECTS</b>			<b>\$ 159,276</b>	<b>\$ 230,000</b>	<b>\$ 65,714</b>	<b>\$ -</b>	<b>\$ 1,726,201</b>	<b>\$ 2,181,191</b>

TRANSPORTATION & DRAINAGE PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
Street Paving	SF	12-T&D-007	\$ 375,837	\$ 368,315	\$ 327,351	\$ 336,052	\$ 350,000	\$ 1,757,555
Chesapeake Bay TMDL/Stormwater Imp	D	12-T&D-001	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,000,000
Poquoson Shores Tidal Flooding	SF	12-T&D-002	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000
Oxford Mews Drainage Improvements	SF	15-T&D-001	\$ -	\$ -	\$ -	\$ -	\$ 340,000	\$ 340,000
Poquoson Drainage Improvements	GF	23-T&D-001	\$ -	\$ 60,000	\$ 150,000	\$ -	\$ -	\$ 210,000
Traffic Signal Support - WCR& Victory	GF	23-T&D-002	\$ -	\$ 35,000	\$ 130,000	\$ -	\$ -	\$ 165,000
Shipwreck Island (Poquoson/Laydon)	SF, GF	21-T&D-001	\$ -	\$ -	\$ -	\$ 43,700	\$ 556,300	\$ 600,000
Watershed Study	GF	23-T&D-003	\$ -	\$ 60,000	\$ 75,000	\$ 100,000	\$ 100,000	\$ 335,000
Sidewalk - Connector to Schools	GF	23-T&D-004	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000
<b>TOTAL TRANSPORTATION &amp; DRAINAGE PROJECTS</b>			<b>\$ 455,837</b>	<b>\$ 523,315</b>	<b>\$ 1,682,351</b>	<b>\$ 1,679,752</b>	<b>\$ 2,346,300</b>	<b>\$ 6,687,555</b>

RECREATION & EVENTS PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
Engineering Inspection	GF	Capital Outlay	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ 7,000
First Field Improvements	GF	Capital Outlay	\$ 17,000	\$ -	\$ -	\$ -	\$ -	\$ 17,000
<b>TOTAL RECREATION &amp; EVENTS PROJECTS</b>			<b>\$ 24,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 24,000</b>

UTILITIES PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
Pump Station Equipment Upgrades	S	21-SWR-001	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 375,000
Replace SCADA	S	18-SWR-002	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 100,000
Pump Station Building Upgrades	S	20-SWR-002	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ 375,000
Pump Station Generators	S	20-SWR-003	\$ 132,500	\$ 132,500	\$ -	\$ -	\$ -	\$ 265,000
Replace/Repair Manholes	S	20-SWR-004	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
<b>TOTAL UTILITIES PROJECTS</b>			<b>\$ 532,500</b>	<b>\$ 382,500</b>	<b>\$ 200,000</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ 1,265,000</b>

**Total City Funded Capital Projects** **\$ 1,171,613 \$ 1,244,815 \$ 2,068,065 \$ 1,863,752 \$ 4,357,801 \$ 10,706,046**

### Projects Managed and Funded by State or Federal Agencies

TRANSPORTATION & DRAINAGE PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
Victory Boulevard	SF	12-T&D-006	\$ -	\$ -	\$ 3,773,000	\$ -	\$ -	\$ 3,773,000
<b>Total Projects Managed by State or Federal Agencies</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>

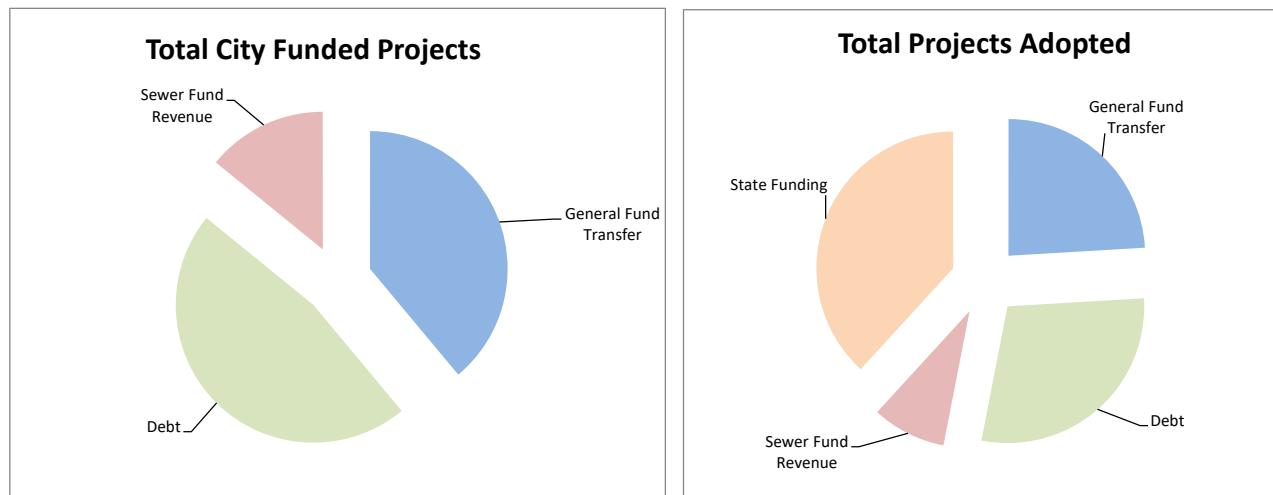
Funding Source Key	
D- Debt Issue	G- Grant
DN- Donation	SF- State Funding
GF- General Fund	S- Sewer Fund
SW- Solid Waste Fund	

## City Council Adopted Capital Improvements Funding Sources

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
<b>SCHOOL PROJECTS</b>						
General Fund	\$ -	\$ 109,000	\$ 120,000	\$ 109,000	\$ 210,300	\$ 548,300
<b>PUBLIC SAFETY PROJECTS</b>						
Debt Funding	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000
General Fund	\$ 159,276	\$ 230,000	\$ 65,714	\$ -	\$ 526,201	\$ 981,191
<b>TOTAL PUBLIC SAFETY PROJECTS</b>	<b>\$ 159,276</b>	<b>\$ 230,000</b>	<b>\$ 65,714</b>	<b>\$ -</b>	<b>\$ 1,726,201</b>	<b>\$ 2,181,191</b>
<b>TRANSPORTATION &amp; DRAINAGE PROJECTS</b>						
Debt Funding	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,000,000
General Fund	\$ 80,000	\$ 155,000	\$ 355,000	\$ 343,700	\$ 996,300	\$ 1,930,000
State Funding	\$ 375,837	\$ 368,315	\$ 327,351	\$ 336,052	\$ 350,000	\$ 1,757,555
<b>TOTAL TRANSPORTATION &amp; DRAINAGE PROJECTS</b>	<b>\$ 455,837</b>	<b>\$ 523,315</b>	<b>\$ 1,682,351</b>	<b>\$ 1,679,752</b>	<b>\$ 2,346,300</b>	<b>\$ 6,687,555</b>
<b>RECREATION &amp; EVENTS PROJECTS</b>						
General Fund	\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ 24,000
<b>UTILITIES PROJECTS</b>						
Sewer Fund Revenue	\$ 532,500	\$ 382,500	\$ 200,000	\$ 75,000	\$ 75,000	\$ 1,265,000
<b>Projects Managed &amp; Funded by State or Federal Agencies</b>						
State Funding	\$ -	\$ -	\$ 3,773,000	\$ -	\$ -	\$ 3,773,000
<b>TOTAL NEW FACILITIES &amp; PROJECTS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>

### Operational Impact of Funding Source

General Fund Transfer	\$ 263,276	\$ 494,000	\$ 540,714	\$ 452,700	\$ 1,732,801	\$ 3,483,491
Debt	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 2,200,000	\$ 4,200,000
Sewer Fund Revenue	\$ 532,500	\$ 382,500	\$ 200,000	\$ 75,000	\$ 75,000	\$ 1,265,000
State Funding	\$ 375,837	\$ 368,315	\$ 4,100,351	\$ 336,052	\$ 350,000	\$ 5,530,555
<b>Total</b>	<b>\$ 1,171,613</b>	<b>\$ 1,244,815</b>	<b>\$ 5,841,065</b>	<b>\$ 1,863,752</b>	<b>\$ 4,357,801</b>	<b>\$ 14,479,046</b>



## Departmental Requested Summary Capital Improvements and Capital Outlay

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
<b>SCHOOL PROJECTS</b>							
Capital Improvements	\$ -	\$ 109,000	\$ 120,000	\$ 109,000	\$ 210,300	\$ 797,200	\$ 1,345,500
<b>PUBLIC SAFETY PROJECTS</b>							
Capital Improvements	\$ 159,276	\$ 230,000	\$ 65,714	\$ -	\$ 1,726,201	\$ 7,992,432	\$ 10,173,623
Capital Outlay	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ -	\$ 200,000
<b>TOTAL PUBLIC SAFETY PROJECTS</b>	<b>\$ 199,276</b>	<b>\$ 270,000</b>	<b>\$ 105,714</b>	<b>\$ 40,000</b>	<b>\$ 1,766,201</b>	<b>\$ 7,992,432</b>	<b>\$ 10,373,623</b>
<b>TRANSPORTATION &amp; DRAINAGE PROJECTS</b>							
Capital Improvements	\$ 455,837	\$ 523,315	\$ 1,682,351	\$ 1,679,752	\$ 2,346,300	\$ 9,300,000	\$ 15,987,555
<b>PUBLIC WORKS</b>							
Capital Improvements	\$ 860,000	\$ 203,000	\$ 223,000	\$ 153,000	\$ -	\$ 136,500	\$ 1,575,500
Capital Outlay	\$ 183,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 183,500
<b>TOTAL PUBLIC WORKS</b>	<b>\$ 1,043,500</b>	<b>\$ 203,000</b>	<b>\$ 223,000</b>	<b>\$ 153,000</b>	<b>\$ -</b>	<b>\$ 136,500</b>	<b>\$ 1,759,000</b>
<b>FACILITIES PROJECTS</b>							
Capital Improvements	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000
<b>TOTAL FACILITIES</b>	<b>\$ 70,000</b>	<b>\$ -</b>	<b>\$ 70,000</b>				
<b>FINANCE PROJECTS</b>							
Capital Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
<b>INFORMATIONAL TECHNOLOGY PROJECTS</b>							
Capital Improvements	\$ 48,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 198,000
<b>RECREATION &amp; EVENTS PROJECTS</b>							
Capital Improvements	\$ 644,000	\$ 595,500	\$ -	\$ 250,000	\$ -	\$ 3,500,000	\$ 4,989,500
Capital Outlay	\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,000
<b>TOTAL RECREATION &amp; EVENTS PROJECTS</b>	<b>\$ 668,000</b>	<b>\$ 595,500</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ 3,500,000</b>	<b>\$ 5,013,500</b>
<b>SOLID WASTE</b>							
Capital Improvements	\$ 185,000	\$ -	\$ 185,000	\$ -	\$ -	\$ -	\$ 370,000
Capital Outlay	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
<b>TOTAL SOLID WASTE</b>	<b>\$ 210,000</b>	<b>\$ -</b>	<b>\$ 185,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 395,000</b>
<b>UTILITIES PROJECTS</b>							
Capital Improvements	\$ 532,500	\$ 382,500	\$ 200,000	\$ 75,000	\$ 75,000	\$ 150,000	\$ 1,415,000
<b>FLEET PROJECTS</b>							
Capital Outlay	\$ 37,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,350
<b>TOTAL</b>							
Capital Improvements	\$ 2,954,613	\$ 2,193,315	\$ 2,476,065	\$ 2,266,752	\$ 4,357,801	\$ 22,176,132	\$ 36,424,678
Capital Outlay	\$ 309,850	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ -	\$ 469,850
<b>TOTAL ALL DEPARTMENTS</b>	<b>\$ 3,264,463</b>	<b>\$ 2,233,315</b>	<b>\$ 2,516,065</b>	<b>\$ 2,306,752</b>	<b>\$ 4,397,801</b>	<b>\$ 22,176,132</b>	<b>\$ 36,894,528</b>
Capital Projects Managed and Funded by State or Federal Agencies	\$ -	\$ -	\$ 3,773,000	\$ -	\$ -	\$ -	\$ 3,773,000
<b>Total Requested</b>	<b>\$ 3,264,463</b>	<b>\$ 2,233,315</b>	<b>\$ 6,289,065</b>	<b>\$ 2,306,752</b>	<b>\$ 4,397,801</b>	<b>\$ 22,176,132</b>	<b>\$ 40,667,528</b>

## Departmental Requested Constrained Capital Improvements Plan

### Replacement Projects

SCHOOL PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
High School Locker Room Renovation	GF	11-SCH-005	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 102,500	\$ 102,500
High School Chiller/Water Tower	D	18-SCH-001	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 320,300	\$ 320,300
Bus Replacement	GF	11-SCH-009	\$ -	\$ 109,000	\$ 120,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 556,000
Asphalt Repairs	GF	12-SCH-001	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 159,400	\$ 159,400
Primary School Chiller/Water Tower	GF	20-SCH-001	\$ -	\$ -	\$ -	\$ -	\$ 101,300	\$ -	\$ 101,300
Primary School Chilled Water Lines	GF	24-SCH-001	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,000	\$ 106,000
<b>TOTAL SCHOOL PROJECTS</b>			<b>\$ -</b>	<b>\$ 109,000</b>	<b>\$ 120,000</b>	<b>\$ 109,000</b>	<b>\$ 210,300</b>	<b>\$ 797,200</b>	<b>\$ 1,345,500</b>
PUBLIC SAFETY PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
Public Safety Building - Police & Fire	D	11-PS-003	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,992,432	\$ 7,992,432
MDTs Replacement - Police	GF	26-PS-001	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ 165,000
MDTs Replacement - Fire	GF	26-PS-002	\$ -	\$ -	\$ -	\$ -	\$ 65,487	\$ -	\$ 65,487
Lifepak 15s Replacement	GF	21-PS-001	\$ 65,714	\$ -	\$ 65,714	\$ -	\$ 65,714	\$ -	\$ 197,142
Stretcher system Replacement	GF	21-PS-002	\$ 93,562	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,562
Medic 11 Replacement	GF	22-PS-001	\$ -	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ 230,000
Ladder 2 Replacement	D	26-PS-003	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000
Medic 21 Replacement	GF	26-PS-004	\$ -	\$ -	\$ -	\$ -	\$ 230,000	\$ -	\$ 230,000
<b>TOTAL PUBLIC SAFETY PROJECTS</b>			<b>\$ 159,276</b>	<b>\$ 230,000</b>	<b>\$ 65,714</b>	<b>\$ -</b>	<b>\$ 1,726,201</b>	<b>\$ 7,992,432</b>	<b>\$ 10,173,623</b>
TRANSPORTATION & DRAINAGE PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
Street Paving	SF	12-T&D-007	\$ 375,837	\$ 368,315	\$ 327,351	\$ 336,052	\$ 350,000	\$ -	\$ 1,757,555
Chesapeake Bay TMDL/Stormwater Imp	D	12-T&D-001	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,000,000	\$ 12,000,000
Poquoson Shores Tidal Flooding	SF	12-T&D-002	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
Oxford Mews Drainage Improvements	SF	15-T&D-001	\$ -	\$ -	\$ -	\$ -	\$ 340,000	\$ -	\$ 340,000
Poquoson Drainage Improvements	GF	23-T&D-001	\$ -	\$ 60,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 210,000
Traffic Signal Support - WCR& Victory	GF	23-T&D-002	\$ -	\$ 35,000	\$ 130,000	\$ -	\$ -	\$ 50,000	\$ 215,000
Shipwreck Island (Poquoson/Laydon)	SF, GF	21-T&D-001	\$ -	\$ -	\$ -	\$ 43,700	\$ 556,300	\$ -	\$ 600,000
Watershed Study	GF	23-T&D-003	\$ -	\$ 60,000	\$ 75,000	\$ 100,000	\$ 100,000	\$ 250,000	\$ 585,000
Sidewalk - Connector to Schools	GF	23-T&D-004	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000
<b>TOTAL TRANSPORTATION &amp; DRAINAGE PROJECTS</b>			<b>\$ 455,837</b>	<b>\$ 523,315</b>	<b>\$ 1,682,351</b>	<b>\$ 1,679,752</b>	<b>\$ 2,346,300</b>	<b>\$ 9,300,000</b>	<b>\$ 15,987,555</b>
PUBLIC WORKS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
Public Works Compound	D	08-PW-407	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Dump Trucks	GF	12-PW-001	\$ -	\$ 153,000	\$ 173,000	\$ 153,000	\$ -	\$ -	\$ 479,000
Loader	GF	12-PW-003	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Grader	GF	12-PW-004	\$ 185,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 185,000
Dozier	GF	12-PW-006	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Excavator	GF	15-PW-001	\$ 405,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 405,000
Backhoe	GF	16-PW-001	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 136,500	\$ 136,500
Messick Point Repaving	GF	23-PW-001	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
<b>TOTAL PUBLIC WORKS</b>			<b>\$ 860,000</b>	<b>\$ 203,000</b>	<b>\$ 223,000</b>	<b>\$ 153,000</b>	<b>\$ -</b>	<b>\$ 136,500</b>	<b>\$ 1,575,500</b>

## Departmental Requested Constrained Capital Improvements Plan

RECREATION & EVENTS PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
Blue Way System	G	08-P&R-503	\$ -	\$ 70,500	\$ -	\$ -	\$ -	\$ -	\$ 70,500
Western Precinct Park	D	08-P&R-509	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
South Lawson Park Upgrades	GF, DN	08-P&R-512	\$ 25,000	\$ 255,000	\$ -	\$ -	\$ -	\$ -	\$ 280,000
Municipal Ball field Lighting Upgrade	GF	08-P&R-513	\$ 273,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 273,000
Municipal Pool Reconstruction	D	26-P&R-001	\$ -	\$ 185,000	\$ -	\$ 250,000	\$ -	\$ -	\$ 435,000
Recreation Center	D	11-P&R-003	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000
Firth Field Light Replacement	GF	13-P&R-001	\$ 306,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 306,000
Recreational Amenities at City Hall	GF	22-P&R-001	\$ 40,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000
<b>TOTAL RECREATION &amp; EVENTS PROJECTS</b>			<b>\$ 644,000</b>	<b>\$ 595,500</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ 3,500,000</b>	<b>\$ 4,989,500</b>

## Replacement Projects

FINANCE PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
Financial System Upgrade	GF	12-FIN-001	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
<b>TOTAL FINANCE</b>			<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>				

INFORMATIONAL TECHNOLOGY PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
Fiber Optic Upgrades	GF	20-IT-002	\$ 48,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 198,000
<b>TOTAL INFORMATION TECHNOLOGY</b>			<b>\$ 48,000</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 198,000</b>

SOLID WASTE PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	FY	Total Cost
Debris Truck Replacement	SW	20-SW-002	\$ 185,000	\$ -	\$ 185,000	\$ -	\$ -	\$ -	\$ -	\$ 370,000
<b>TOTAL SOLID WASTE</b>			<b>\$ 185,000</b>	<b>\$ -</b>	<b>\$ 185,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 370,000</b>

UTILITIES PROJECTS	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
Pump Station Equipment Upgrades	S	21-SWR-001	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 150,000	\$ 525,000
Replace SCADA	S	18-SWR-002	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Pump Station Building Upgrades	S	20-SWR-002	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 375,000
Pump Station Generators	S	20-SWR-003	\$ 132,500	\$ 132,500	\$ -	\$ -	\$ -	\$ -	\$ 265,000
Replace/Repair Manholes	S	20-SWR-004	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
<b>TOTAL UTILITIES PROJECTS</b>			<b>\$ 532,500</b>	<b>\$ 382,500</b>	<b>\$ 200,000</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ 150,000</b>	<b>\$ 1,415,000</b>

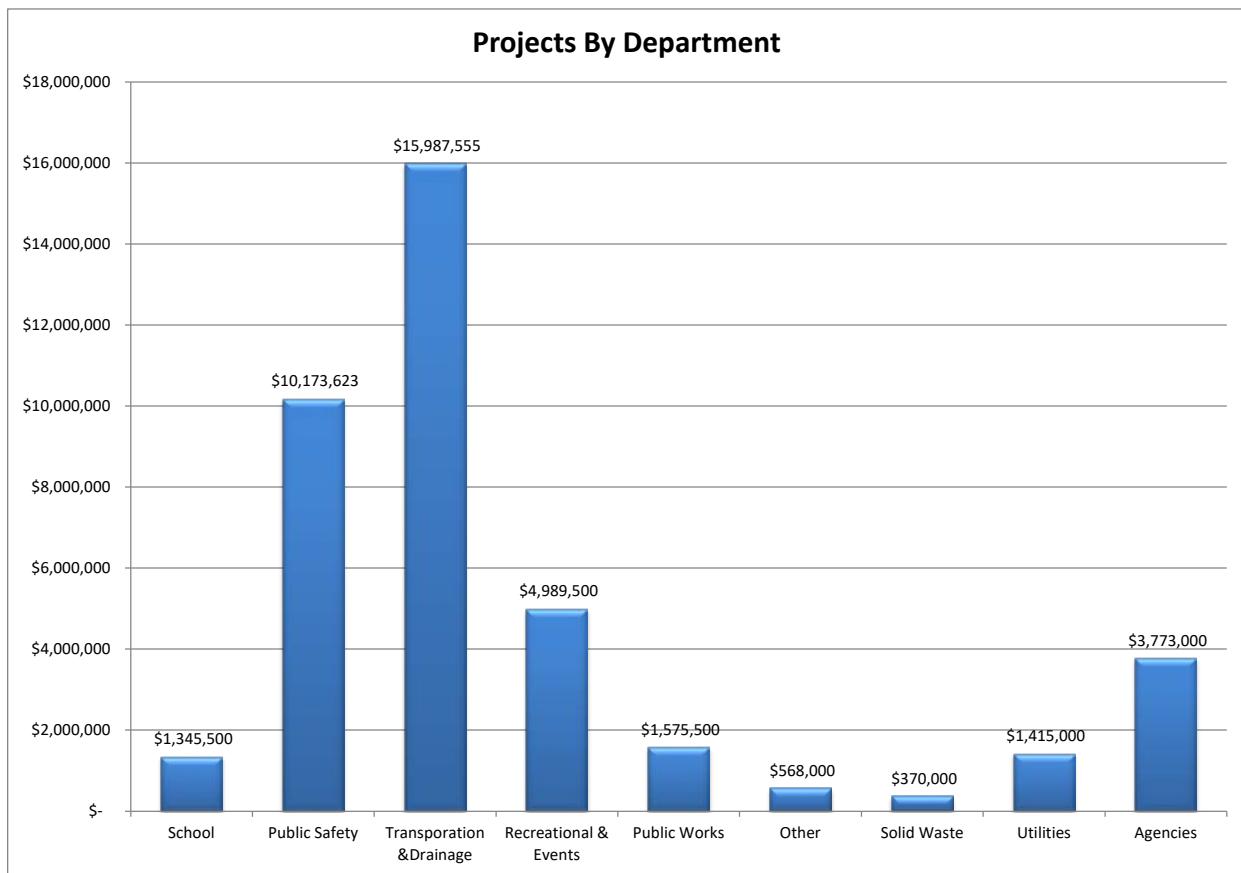
**Total City Funded Capital Projects** \$ 2,954,613 \$ 2,193,315 \$ 2,476,065 \$ 2,266,752 \$ 4,357,801 \$ 22,176,132 \$ 36,424,678

## Projects Managed and Funded by State or Federal Agencies

## Departmental Requested Constrained Capital Improvements Plan

### New Facilities and Projects

Description/Department	Funding Source	Project #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Beyond FY 2026	Total Cost
Primary School Chilled Water Lines	GF	24-SCH-001	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,000	\$ 106,000
MDTs Replacement - Police	GF	26-PS-001	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ 165,000
MDTs Replacement - Fire	GF	26-PS-002	\$ -	\$ -	\$ -	\$ -	\$ 65,487	\$ -	\$ 65,487
Ladder 2 Replacement	D	26-PS-003	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000
Medic 21 Replacement	GF	26-PS-004	\$ -	\$ -	\$ -	\$ -	\$ 230,000	\$ -	\$ 230,000
Traffic Signal Support - WCR& Victory	GF	23-T&D-002	\$ -	\$ 35,000	\$ 130,000	\$ -	\$ -	\$ 50,000	\$ 215,000
Watershed Study	GF	23-T&D-003	\$ -	\$ 60,000	\$ 75,000	\$ 100,000	\$ 100,000	\$ 250,000	\$ 585,000
Sidewalk - Connector to Schools	GF	23-T&D-004	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000
Messick Point Repaving	GF	23-PW-001	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Recreational Amenities at City Hall	GF	22-P&R-001	\$ 40,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000
Total New Facilities and Projects			\$ 135,000	\$ 230,000	\$ 205,000	\$ 100,000	\$ 1,760,487	\$ 406,000	\$ 2,836,487



#### Funding Source Key

D- Debt Issue	G- Grant
DN- Donation	SF- State Funding
GF- General Fund	S- Sewer Fund
SW- Solid Waste Fund	

## Departmental Requested Capital Improvements Funding Sources

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
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### SCHOOL PROJECTS

Debt Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Fund	\$ -	\$ 109,000	\$ 120,000	\$ 109,000	\$ 210,300	\$ 548,300
<b>TOTAL SCHOOL PROJECTS</b>	<b>\$ -</b>	<b>\$ 109,000</b>	<b>\$ 120,000</b>	<b>\$ 109,000</b>	<b>\$ 210,300</b>	<b>\$ 548,300</b>

### PUBLIC SAFETY PROJECTS

Debt Funding	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000
General Fund	\$ 159,276	\$ 230,000	\$ 65,714	\$ -	\$ 526,201	\$ 981,191
<b>TOTAL PUBLIC SAFETY PROJECTS</b>	<b>\$ 159,276</b>	<b>\$ 230,000</b>	<b>\$ 65,714</b>	<b>\$ -</b>	<b>\$ 1,726,201</b>	<b>\$ 2,181,191</b>

### TRANSPORTATION & DRAINAGE PROJECTS

Debt Funding	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,000,000
General Fund	\$ 80,000	\$ 155,000	\$ 355,000	\$ 300,000	\$ 440,000	\$ 1,330,000
State Funding	\$ 375,837	\$ 368,315	\$ 327,351	\$ 379,752	\$ 906,300	\$ 2,357,555
<b>TOTAL TRANSPORTATION &amp; DRAINAGE PROJECTS</b>	<b>\$ 455,837</b>	<b>\$ 523,315</b>	<b>\$ 1,682,351</b>	<b>\$ 1,679,752</b>	<b>\$ 2,346,300</b>	<b>\$ 6,687,555</b>

### PUBLIC WORKS PROJECTS

General Fund	\$ 860,000	\$ 203,000	\$ 223,000	\$ 153,000	\$ -	\$ 1,439,000
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### RECREATION & EVENTS PROJECTS

General Fund	\$ 619,000	\$ 525,000	\$ -	\$ 250,000	\$ -	\$ 1,394,000
Grant Funding	\$ -	\$ 70,500	\$ -	\$ -	\$ -	\$ 70,500
Donations	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
<b>TOTAL RECREATION &amp; EVENTS PROJECTS</b>	<b>\$ 644,000</b>	<b>\$ 595,500</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ 1,308,000</b>

### FACILITIES PROJECTS

General Fund	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000
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### INFORMATION TECHNOLOGY

General Fund	\$ 48,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 198,000
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### SOLID WASTE

Solid Waste Revenue	\$ 185,000	\$ -	\$ 185,000	\$ -	\$ -	\$ 370,000
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### UTILITIES PROJECTS

Sewer Fund Revenue	\$ 532,500	\$ 382,500	\$ 200,000	\$ 75,000	\$ 75,000	\$ 1,265,000
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### Projects Managed & Funded by State or Federal Agencies

State Funding	\$ -	\$ -	\$ 3,773,000	\$ -	\$ -	\$ 3,773,000
<b>TOTAL NEW FACILITIES &amp; PROJECTS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>

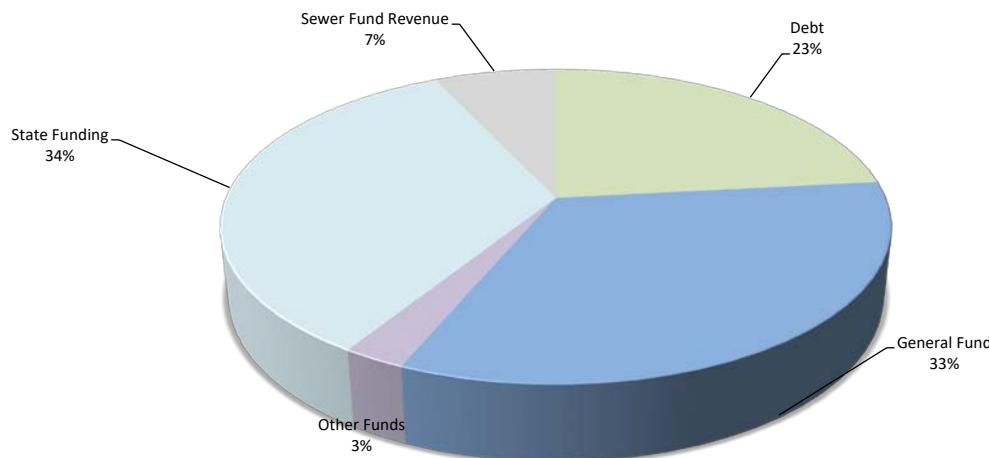
## Departmental Requested Capital Improvements Funding Sources

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
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### ALL PROJECTS

Debt	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 2,200,000	\$ 4,200,000
General Fund	\$ 1,836,276	\$ 1,372,000	\$ 763,714	\$ 812,000	\$ 1,176,501	\$ 5,960,491
Grant Funds (Other Funds)	\$ -	\$ 70,500	\$ -	\$ -	\$ -	\$ 70,500
Donations (Other Funds)	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Solid Waste Fund Revenue (Other Funds)	\$ 185,000	\$ -	\$ 185,000	\$ -	\$ -	\$ 370,000
State Funding	\$ 375,837	\$ 368,315	\$ 4,100,351	\$ 379,752	\$ 906,300	\$ 6,130,555
Sewer Fund Revenue	\$ 532,500	\$ 382,500	\$ 200,000	\$ 75,000	\$ 75,000	\$ 1,265,000
<b>TOTAL ALL PROJECTS</b>	<b>\$ 2,954,613</b>	<b>\$ 2,193,315</b>	<b>\$ 6,249,065</b>	<b>\$ 2,266,752</b>	<b>\$ 4,357,801</b>	<b>\$18,021,546</b>

**All Projects By Funding Source**



### Operational Impact of Funding Source

General Fund Transfer	\$ 1,836,276	\$ 1,372,000	\$ 763,714	\$ 812,000	\$ 1,176,501	\$ 5,960,491
Debt Service	\$ -	\$ -	\$ 55,000	\$ 55,000	\$ 121,000	\$ 231,000
<b>Total</b>	<b>\$ 1,836,276</b>	<b>\$ 1,372,000</b>	<b>\$ 818,714</b>	<b>\$ 867,000</b>	<b>\$ 1,297,501</b>	<b>\$ 6,191,491</b>

**Tax Rate Equivalent** \$ 0.11 \$ 0.08 \$ 0.05 \$ 0.05 \$ 0.08

Note: FY 2021 Debt Service does not reflect a tax rate equivalent value since the City increased the tax rate to support the projects presented for that year.

# Constrained Capital Improvement Plan

## Fiscal Year 2022-2026



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## **Previously Approved Projects – Status Update**

### **School Projects:**

#### Middle School Renovation (10-SCH-110) – FY 2019 Approval

Provide funding for renovation of the building. The School Board contracted in April 2019 with Waller Todd & Sadler to assist in determining the renovations necessary based on the available funds. Advertisement for bid on the construction for the middle school was issued on November 8, 2020 with the bid opening on December 15, 2020. On January 19, 2021, School Board approved the contract with Heartland Construction for the renovation of the school. Total budget approved for the project is \$19,457,332 which is derived from \$19,245,700 from the 2018 bond funding, \$16,632 from the 2016 bond refinancing and \$195,000 from re-appropriation of fiscal year 2019 local funds. An additional **\$587,300** was requested in fiscal year 2021 by the School Board to City Council. This request redirected the allocations of the Primary School roof project to the renovation of the middle school. The total project budget will be \$20,044,632. Updated information on the project can be found at [www.poquoson.k12.va.us](http://www.poquoson.k12.va.us); select PMS Modernization Project located under PCPS Announcements.

#### Turf Field Replacement (24-SCH-001) – FY 2021 Approval

Provide funding for the replacement of the artificial turf football field located behind the Poquoson Middle School. The total estimated cost of the project is \$412,500. The funding for the turf field comes from debt services. The School Division anticipates starting the project in July 2021.

#### High School Gym HVAC (12-SCH-004) – FY 2021 Approval

Provide air conditioning in the High School Gym which will provide for comfort for students, parents, faculty and community while also circulating the air within the gym. The cost to install the HVAC system is \$330,000. The funding for the system comes from three sources of funds. The City has provided \$160,000 from CARES funding and \$83,076 from FY 2020 re-appropriations of funds. The difference of \$86,924 will be funded through the Schools' CARES Funding that they have received.

# Constrained Capital Improvement Plan

## Fiscal Year 2022-2026



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### **City Projects:**

#### Replacement of Debris Truck (12-SW-001) – FY 2020 Approval

Provide funding for replacing a debris truck. The total cost of the debris truck is \$156,108. The truck was received in November 2019 and the Solid Waste fund balance was utilized for the purchase.

#### South Lawson Park Upgrades (08-P&R-512) – FY 2021 Approval

Construction of picnic shelter at South Lawson Park was appropriated in FY 2021. Plans are currently being reviewed to identify cost savings on the project with the projected rebidding in the new calendar year.

#### Library Self Check Out Machine (Appendix) – FY 2021 Approval

A new self-checkout machine provides ease to the work flow of the library and social distancing of patrons. The total cost of the kiosk is \$6,485. The kiosk was received early November and utilized the CARES funding received for COVID-19.

#### Fleet Vehicles (Appendix) – FY 2021 Approval

Four new Ford Eco-Boost Escapes were received to provide additional support for staff members and social distancing while attending meetings or job sites. The total cost of the Escapes is \$100,022. The Escapes were received in November and utilized the CARES funding received for COVID-19.

Additionally, City Council appropriated interest earned on bond proceeds to the following projects during FY 2020 and FY 2021.

#### Mobile Data Terminals (Appendix) – FY 2021 Approval

Replacement units that allow for GPS tracking, call information, and route mapping to be sent directly to each responding emergency unit from dispatch. The replacement units for Fire Department are housed in the Medics and Fire Trucks. The total cost of the units totaled \$49,570. The units were received in October and utilized bond interest from the FY 2019 issuance of new debt.

#### Mobile Data Terminals – FY 2021 Approval

Mobile Data Terminals will be installed within the Police and the two Fire Chief's vehicles in order to promote social distancing. A total cost of equipment and installation is \$156,850. The CARES funding was utilized for the project.

# Constrained Capital Improvement Plan

## Fiscal Year 2022-2026



### Law Enforcement Records Management System – FY 2020 Approval

Police Department will be sharing the law enforcement records management system with York County and Williamsburg. The system will replace an outdated system currently housed by the Police Department. York County will be the lead on the new system. Total appropriation towards the system is \$120,000. Currently \$60,000 has been incurred.

### Lifepak 15 Defibrillator for Advance Life Support (21-PS-001) – FY 2020 Approval

Replacement of Lifepak 12 units that no longer function accordingly. The total cost of the defibrillators was \$65,130.

### Police Department Body Worn Cameras – FY 2021 Approval

Body Worn Cameras have been provided to the Police Department to benefit both the department and the Commonwealth Attorney's Office. The cost of the cameras themselves is relatively inexpensive; however, the cameras require support and storage of videos taken. The total cost of the program is \$139,750 broken over five years in equal payments. The first year cost was provided through utilization of the unrestricted fund balance of the General Fund.

### **Sewer Projects:**

#### Sewer Line Camera (21-SWR-002) – FY 2021 Approval

Camera system will allow the City to inspect and assess the entire Sewer Infrastructure. Current staff is working on pricing and option for the camera system. It is anticipated that the purchase order will be issued prior to end of the fiscal year.

### **VDOT Projects:**

#### Poquoson Avenue Sidewalks (08-T&D-210) – FY 2019

This project is to provide design and construction of a sidewalk and crosswalks to connect the Poquoson Middle School to Municipal Park. The project includes the sidewalk, crosswalks and drainage. The project is estimated to cost \$320,408. Currently, the invitation for bid for the project is due back to the City on February 25, 2020. The anticipated obligation to the City is to provide matching funds in the amount of 2% of the total project costs. A transfer from the General Fund of \$6,408 will be providing the needed support for this project. To date the project has incurred \$24,516 for engineer work.

# Constrained Capital Improvement Plan

## Fiscal Year 2022-2026



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### Wythe Creek Road Signal Upgrade (19-T&D-001) – FY 2020

This project will upgrade traffic signal timing operations and emergency vehicle preemption capabilities at intersections along Wythe Creek Road. This project is needed to improve travel time and safety at signalized intersections. The project is by the VDOT Urban Funding of 98% with the City provided a local match of 2%. The anticipated cost of the project is \$278,000. To date the project has incurred \$65,319 for engineer work. The contractor, Service Electrical Corporation of VA, based on the construction schedule will begin the project March 15, 2021. The project will take approximately two months to complete.

### Wythe Creek Road South (08-T&D-202) – FY 2021

This project is a joint Poquoson/Hampton project that includes widening Wythe Creek Road to a 3 land road in Hampton and the construction of sidewalks, street lamps and Carys' Chapel intersection improvements in Poquoson. The project includes constructing a new bridge just west of the current bridge. The project is fully funded and administered by VDOT (UPC 13427). The project will relieve future anticipated congestion and minimize road flooding with the elevated bridge. Total State Funding is \$13,920,000.

### South Lawson Park Bike Path (20-T&D-001) – FY 2021

This project is to design and construct a multi-use trail in South Lawson Park. The project will include improvements to the park's storm water pond to provide water quality and quantity management for the additional impervious area. The project is fully funded by VDOT and administered by the City's Engineering Department. The City has contracted with Timmons Group for \$41,000 to perform the civil engineering services for the project. Total State Funding is \$195,100.

## Project Information

**Contact:** Arty Tillett

**Department:** Schools

**Project Number and Title:** High School Locker Room

Renovation; 11-SCH-005

**Project Type:** Improvement

**Useful Life:** 15 Years

**Comprehensive Plan:** Chapter 6 Page 32

## Project Description and Scope

Refurbish the high school locker rooms to include enhancements and cosmetic changes to lockers, showers and restrooms.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction	-	-	-	-	-	\$ 102,500	\$ 102,500
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 102,500</b>	<b>\$ 102,500</b>

Funding Source(s)	FY21	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
General Fund	-	-	-	-	-	\$ 102,500	\$ 102,500
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 102,500</b>	<b>\$ 102,500</b>

## Project Status

## Impact on Operating Budget:

There is currently no status to report for this project.

## Project Information

**Contact:** Arty Tillett

**Department:** Schools

**Project Number and Title:** High School Chiller/Water Tower;  
18-SCH-001

**Project Type:** Improvement

**Useful Life:** 30 years

**Comprehensive Plan:** Chapter 6 Page 32

## Project Description and Scope

Replace centrifugal chiller and companion water cooling tower, which will be 30 years old in 2027. Twenty-five years is industry standard for the end of the life cycle for these two major pieces of equipment.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	-	-	-	-	-	\$ 320,300	\$ 320,300
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 320,300</b>	<b>\$ 320,300</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Debt Service	-	-	-	-	-	\$ 320,300	\$ 320,300
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 320,300</b>	<b>\$ 320,300</b>

## Project Status

## Impact on Operating Budget:

There is currently no status to report for this project.

## Project Information

**Contact:** Arty Tillett

**Department:** Schools

**Project Number and Title:** Bus Replacement; 11-SCH-009

**Project Type:** Equipment

**Useful Life:** 12+ years

**Comprehensive Plan:** Chapter 6 Page 32



## Project Description and Scope

The current fleet is aged beyond the recommendation by the State, which recommends replacement at 15 years old. By June 2021, there will be eight (8) buses in excess of 15 years old. Mileage on the eight buses ranges from 136,629 to 271,716, with an average of 203,960. Current cost for a 65 passenger special needs bus is approximately \$120,000. The cost of a conventional 77 passenger bus is approximately \$109,000. Beyond 2026, plan to replace one (1) bus per year, at a minimum.

<b>Project Expenditures</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26</b>	<b>Beyond FY26</b>	<b>Total Cost</b>
	\$ -	109,000	\$120,000	\$109,000	\$109,000	\$109,000	\$556,000
<b>Funding Source(s)</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26</b>	<b>Beyond FY26</b>	<b>Total Cost</b>
Vehicle	\$ -	109,000	\$120,000	\$109,000	\$109,000	\$109,000	\$556,000
<b>Grand Total</b>	<b>\$ -</b>	<b>109,000</b>	<b>\$120,000</b>	<b>\$109,000</b>	<b>\$109,000</b>	<b>\$109,000</b>	<b>\$556,000</b>
General Fund	\$ -	109,000	\$120,000	\$109,000	\$109,000	\$109,000	\$556,000
<b>Grand Total</b>	<b>\$ -</b>	<b>109,000</b>	<b>\$120,000</b>	<b>\$109,000</b>	<b>\$109,000</b>	<b>\$109,000</b>	<b>\$556,000</b>
<b>Project Status</b>				<b>Impact on Operating Budget:</b>			
1 bus at 26 years old; 2 buses at 25 years old; 1 bus at 24 years old, 2 buses at 20 years old; 2 buses at 18 years old.				Replacing buses on a more regular basis (every 15 years) will help to reduce maintenance costs and breakdowns as well as allow for the total fleet to be reduced in size.			

## Project Information

**Contact:** Arty Tillett

**Department:** Improvement

**Project Number and Title:** Asphalt Repairs; 12-SCH-001

**Project Type:** Improvement

**Useful Life:** 15 years

**Comprehensive Plan:** Chapter 6 Page 32

## Project Description and Scope

Division wide asphalt pavement replacement and/or repaving due to alligatoring/cracking and years of usage. The City has assisted in maintenance of the lots by assisting with repairs.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction	-	-	-	-	-	\$ 159,400	\$ 159,400
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 159,400</b>	<b>\$ 159,400</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	-	-	-	-	-	\$ 159,400	\$ 159,400
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 159,400</b>	<b>\$ 159,400</b>

## Project Status

## Impact on Operating Budget:

There is currently no status to report for this project.

## Project Information

**Contact:** Arty Tillett

**Department:** Schools

**Project Number and Title:** Primary School Chiller/Water Tower;  
20-SCH-001

**Project Type:** Improvement

**Useful Life:** 30 years

**Comprehensive Plan:** Chapter 6 Page 32

## Project Description and Scope

Replace chiller and companion water cooling tower, which will be 25 years old in 2026. Twenty-five years is industry standard for the end of the life cycle of this major piece of equipment.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	-	-	-	-	101,300	\$ -	\$ 101,300
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>101,300</b>	<b>\$ -</b>	<b>\$ 101,300</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	-	-	-	-	101,300	\$ -	\$ 101,300
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>101,300</b>	<b>\$ -</b>	<b>\$ 101,300</b>
Project Status	Impact on Operating Budget:						
There is currently no status to report for this project.							

## Project Information

**Contact:** Arty Tillett

**Department:** Schools

**Project Number and Title:** Primary School Chilled Water Lines;  
22-SCH-001

**Project Type:** Improvement

**Useful Life:** 30 years

**Comprehensive Plan:** Chapter 6 Page 32

## Project Description and Scope

The insulation for the chilled water lines are original to the building, which was completed in 1989. The insulation has deteriorated over time causing condensation and subsequent issues that cannot be resolved without reinsulating; therefore, replacement is necessary.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	-	-	-	-	-	\$ 106,000	\$ 106,000
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 106,000</b>	<b>\$ 106,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	-	-	-	-	-	\$ 106,000	\$ 106,000
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 106,000</b>	<b>\$ 106,000</b>
Project Status	Impact on Operating Budget:						
There is currently no status to report for this project.							

## Project Information

**Contact:** Stephen Keatts

**Department:** Police & Fire

**Project Number and Title:** Public Safety Building; 11-PS-003

**Project Type:** Building

**Useful Life:** 25 years

**Comprehensive Plan:** Chapter 1 Page 1



## Project Description and Scope

This project involves the construction of a public safety building. In December 2019, a Public Safety Building Feasibility Study was presented to City Council by Guernsey Tingle. Staff is requesting direction from City Council regarding the building and what year or years to include the project in the CCIP. For purposes of the CCIP, staff included the potential cost for the building which includes the Police facility only based on the study provided in 2019.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,992,432	\$ -
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,992,432</b>	<b>\$ -</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Debt Issue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,992,432	\$ -
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,992,432</b>	<b>\$ -</b>
Project Status	Impact on Operating Budget:						
There is currently no status to report for this project.							

## Project Information

**Contact:** Stephen Keatts

**Department:** Police

**Project Number and Title:** MDTs Police; 26-PS-001

**Project Type:** Equipment

**Useful Life:** 5 years

**Comprehensive Plan:** Chapter 1 Page 1



## Project Description and Scope

The CARES Funding in Fiscal Year 2021 provided the Police department with a critical equipment that allows for Computer Aided Dispatch, real time mapping and aided command functions. The service life for MDTs is 5 years. We currently have 18 laptop computers installed in the patrol units and 9 iPads for the Administrative and Investigations staff.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Replacement MDTs	\$ -	\$ -	\$ -	\$ -	\$ 165,000		\$ 165,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 165,000</b>	<b>\$ -</b>	<b>\$ 165,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ 165,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 165,000</b>	<b>\$ -</b>	<b>\$ 165,000</b>

## Project Status

## Impact on Operating Budget:

There is currently no status to report for this project.

## Project Information

**Contact:** Robert Holloway

**Department:** Fire

**Project Number and Title:** MDT's; 26-PS-002

**Project Type:** Equipment

**Useful Life:** 5 years

**Comprehensive Plan:** Chapter 6 Page 12



## Project Description and Scope

Since we have established our MDT program we have shown that a serviceable life for an MDT is 5 years. We currently have 9 computer MDT's and 3 iPad MDT's. These MDT's have become critical to our operations, allowing Computer Aided Dispatch, real time mapping and aided command functions. The MDTs were replaced in Fiscal Year 2021.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Replacement MDTs	\$ -	\$ -	\$ -	\$ -	\$ 65,487	\$ -	\$ 65,487
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 65,487</b>	<b>\$ -</b>	<b>\$ 65,487</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ -	\$ -	\$ -	\$ 65,487	\$ -	\$ 65,487
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 65,487</b>	<b>\$ -</b>	<b>\$ 65,487</b>

## Project Status

## Impact on Operating Budget:

There is currently no status to report on this project.

## Project Information

**Contact:** Robert Holloway

**Department:** Fire

**Project Number and Title:** Lifepak 15s; 21-PS-001

**Project Type:** Equipment

**Useful Life:** 8 years

**Comprehensive Plan:** Chapter 6 Page 12



## Project Description and Scope

The department currently maintains seven (7) monitor/defibrillators for Advanced Life Support treatments. An eighth Lifepak should be added for use on Engine 21. Three (3) of these are the Lifepak 12 and four (4) of these are the Lifepak 15. All Lifepak 12s are at least 12 years old and have been discontinued by the manufacturer, Physio Control, in 2012. The Lifepak 12s are also no longer serviceable through the manufacturer for repair. The newer model offered by the manufacturer is the Lifepak 15. During this past fiscal year, two (2) of the Lifepak 12 units stopped functioning and cannot be serviced or repaired. An ordinance utilizing bond interest was approved by City Council to replace the two nonfunctioning units. The department recommends upgrading the defibrillators to a model which is still serviced by the manufacturer. By purchasing two (2) units every other year we should stay within manufacturers recommendations for replacement.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	\$ 65,714	\$ -	\$ 65,714	\$ -	\$ 65,714	\$ -	\$ 197,142
<b>Grand Total</b>	<b>\$ 65,714</b>		<b>\$ 65,714</b>	<b>\$ -</b>	<b>\$ 65,714</b>	<b>\$ -</b>	<b>\$ 197,142</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ 65,714	\$ -	\$ 65,714	\$ -	\$ 65,714	\$ -	\$ 197,142
<b>Grand Total</b>	<b>\$ 65,714</b>		<b>\$ 65,714</b>	<b>\$ -</b>	<b>\$ 65,714</b>	<b>\$ -</b>	<b>\$ 197,142</b>

## Project Status

There is currently no status to report on this project.

## Impact on Operating Budget:

New Lifepak 15s will help to relieve some of the repair costs associated with the aging Lifepak 12 units. Eventually, having all Lifepak 15s in service will also allow us to only maintain one battery style as each model uses a different battery.

## Project Information

**Contact:** Robert Holloway

**Department:** Fire

**Project Number and Title:** Stretcher Replacement; 21-PS-002

**Project Type:** Equipment

Useful Life: 10 years

**Comprehensive Plan:** Chapter 6 Page 12



## Project Description and Scope

The current stretchers in our department range from 2 to over 20 years old. This purchase would replace the two oldest stretchers and install the proper restraint system in two medic units. Future purchases of this type will be combined with Medic unit purchases. This project will ensure that our equipment meets or exceeds Federal patient restraint standards and offers back injury preventative technology to our staff.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Power Restraint System (2)	\$ 48,946						\$ 48,946
Power Stretcher (2)	\$ 37,866						\$ 37,866
Installation (2)	\$ 6,750						\$ 6,750
<b>Grand Total</b>	<b>\$ 93,562</b>	<b>\$ -</b>	<b>\$ 93,562</b>				
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ 93,562						\$ 93,562
<b>Grand Total</b>	<b>\$ 93,562</b>	<b>\$ -</b>	<b>\$ 93,562</b>				

## Project Status

## Impact on Operating Budget:

There is currently no status to report on this project.

Stretchers have a recommended life expectancy of 8 years. With proper maintenance this time could be extended to 10 years to help plan for replacement costs.

## Project Information

**Contact:** Robert Holloway

**Department:** Fire

**Project Number and Title:** Replace Medic 11; 22-PS-001

**Project Type:** Equipment

**Useful Life:** 10 years

**Comprehensive Plan:** Chapter 6 Page 12



## Project Description and Scope

Replacement of Medic 11 located at Station #1. The unit will include additional required safety standards in the patient restraint system. Medic 11 is a 2002 Ford E-450 Type III unit made by Wheeled Coach and currently has 80,294 miles. This project also includes the purchase of a new power stretcher to be compatible with the required patient restraint system. The department will be applying for a grant to assist with the funding of the project. An application will be made for a 50/50 grant through the Virginia Office of EMS.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	\$ -	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ 230,000
<b>Grand Total</b>		\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ 230,000
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ 230,000
<b>Grand Total</b>	\$ -	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ 230,000

## Project Status

## Impact on Operating Budget:

There is currently no status to report on this project.

The new vehicle should require little repair and maintenance, thereby reducing these costs.

## Project Information

**Contact:** Robert Holloway

**Department:** Fire Department

**Project Number and Title:** Ladder-2; 26-PS-003

**Project Type:** Equipment

**Useful Life:** 20 years

**Comprehensive Plan:** Chapter 6 Page 12



## Project Description and Scope

Replacement of Ladder 2 located at Station #1. Ladder 2 is a 2001 truck made by Pierce and currently has 25,283 miles. While the mileage may look low, the vehicle functions mostly while in park mode. This unit is 19 years old with 3,175.4 engine hours. In the past year it has been out of service multiple times for serious mechanical failures. One of these failures resulted in an accident in which the rear of the truck lost control and ran off the road. NFPA 1911 Annex D states that updating or refurbishing apparatus over 20 years old is a very poor investment. Estimated replacement cost is 1 to 1.2 million dollars.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Debt	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>

Project Status		Impact on Operating Budget:					
There is currently no status to report on this project.		The new vehicle should require little repair and maintenance, thereby reducing the costs. Total maintenance cost to date is \$180,923. This includes \$58,722 in parts, \$35,118 in labor and \$87,083 in sublet.					

## Project Information

**Contact:** Robert Holloway

**Department:** Fire

**Project Number and Title:** Replace Medic 21; 26-PS-004

**Project Type:** Equipment

**Useful Life:** 10 years

**Comprehensive Plan:** Chapter Page



## Project Description and Scope

Replacement of Medic 21 located at Station #2. The unit will include additional required safety standards in the patient restraint system. Medic 21 is a 2008 Chevy MPV Medium Duty unit made by Medtech and currently has 110,747 miles. This project also includes the purchase of a new power stretcher to be compatible with the required patient restraint system. The department will be applying for a grant to assist with the funding of the project. An application will be made for a 50/50 grant through the Virginia Office of EMS.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	\$ -	\$ -	\$ -	\$ -	\$ 230,000	\$ -	\$ 230,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 230,000</b>	<b>\$ -</b>	<b>\$ 230,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ -	\$ -	\$ -	\$ 230,000	\$ -	\$ 230,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 230,000</b>	<b>\$ -</b>	<b>\$ 230,000</b>

## Project Status

## Impact on Operating Budget:

There is currently no status to report on this project.

The new vehicle should require little repair and maintenance, thereby reducing these costs.

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Street Paving; 12-T&D-007

**Project Type:** Replacement

**Useful Life:**

**Comprehensive Plan:** Chapter 7 Page 1

## Project Description and Scope

Street repaving is necessary for infrastructure upkeep. The following streets are scheduled to be repaved in the following years:

FY22— Lessies Dr, Carmines Ct, Valmmore Dr, Jefferson Ct, Nelson Ct, Rochambeau Dr, Emmaus Rd, Darden Dr

FY23— Whitehouse Dr, Evans Cir, Hunt Wood Dr, Willis Crt, Frank Hunt Crt, Oscar Crt, Woodhaven Dr, Thomas Dr, Basil Crt

FY24— Bunting Ln, Locust Run, Martha Crt, Floyd Ave, Holly St, Lodge Rd, Hansom Dr, Wendell Cir, Edwards Rd

FY25— Robert Bruce Dr, Berwick St, Odd Rd (South), Joseph Topping Rd, Kathy Dr, Laydon Way, Sir Ralph Ln, Court DeAyllon, City Hall Ave

FY26— Specific roads to be determined in Fiscal Year 2023

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction	\$ 375,837	\$ 368,315	\$ 327,351	\$ 336,052	\$ 350,000	\$ -	\$ 1,757,555
<b>Grand Total</b>	<b>\$ 375,837</b>	<b>\$ 368,315</b>	<b>\$ 327,351</b>	<b>\$ 336,052</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ 1,757,555</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
State Funding	\$ 375,837	\$ 368,315	\$ 327,351	\$ 336,052	\$ 350,000	\$ -	\$ 1,757,555
<b>Grand Total</b>	<b>\$ 375,837</b>	<b>\$ 368,315</b>	<b>\$ 327,351</b>	<b>\$ 336,052</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ 1,757,555</b>
Project Status	Impact on Operating Budget:						
There is currently no status to report for this project.	Keeping streets in good shape, cut down on repair and maintenance costs.						

## Project Information

**Contact:** Ellen Roberts

**Department:** Transportation & Drainage

**Project Number and Title:** Chesapeake Bay/Stormwater TMDL

Improvements; 12-T&D-001

**Project Type:** Improvement

**Useful Life:** 25+ years

**Comprehensive Plan:** Chapter 5 Page 7 & 18

## Project Description and Scope

These funds are for EPA and Virginia DEQ required improvements to Poquoson's public drainage system and properties. Funding will be used to develop a mandatory bacterial TMDL treatment program in accordance with 9VAC25-890 and to perform restoration and maintenance work to the City's BMPs in outyears. Maintaining and upgrading BMPs is mandated by the Bay TMDL program and the City's Municipal Separate Storm Sewer (MS4) permit. This permit is enforced by the EPA under the Clean Water Act and enforced by both the state and EPA through the City's MS4 permit. Permit deadlines require reaching 5% of water quality treatment before July 2018; 40% by July 2023; and 100% by 2028. Staff's goal is to develop projects with both pollution removal and meet a secondary purpose (flooding, safety). The City is seeking grants for construction costs and working to take credit for existing practices whenever possible.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Action Plan Development	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,000,000	\$ 12,000,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 9,000,000</b>	<b>\$ 12,000,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Debt Issue	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,000,000	\$ 12,000,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 9,000,000</b>	<b>\$ 12,000,000</b>

## Project Status

Poquoson submitted a draft action plan in June 2018 for years 6 -10 of the program. The City proposed using Hampton Roads Sanitation District credits to meet program requirements. As these credits were funded by user fees, including those of Poquoson citizens, credits are available at no additional cost to the City. The proposed credit trading is in accordance with state nutrient and sediment credit laws. Once approved, the project expenditure amounts will change. Until that time, the expenditure amounts from previous CCIPs are included as place holders. Any changes to the state program and laws may result in additional City expenditures during this period and during years 11-15 of the program. Some of the projected expenditures are needed to fund Poquoson's MS4 permit requirements. Project expenditures are anticipated to significantly decrease but not be eliminated by state approval of the City's plan.

## Impact on Operating Budget:

City included a portion of the TMDL in the FY 2019 General Obligation Bonds.

## Project Information

**Contact:** Ellen Roberts

**Department:** Transportation & Drainage

**Project Number and Title:** Poquoson Shores Tidal Flooding;

12-T&D-002

**Project Type:** Improvement

**Useful Life:** 20 years

**Comprehensive Plan:** Chapter 7 Page 24



## Project Description and Scope

Work includes primarily installing tide check or flap valves and reconfiguring some ditching to reduce tidal flooding in an area with road elevations of less than 4' above sea level.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Plan/Design/Construction	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 200,000</b>					

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
State Funding	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 200,000</b>					

Project Status	Impact on Operating Budget:
<p>While the tidal valves installed to date function as designed, they are often vandalized and propped open, therefore eliminating their ability to keep tidal waters out of the City's drainage system. In addition, the tidal valves are most needed in low lying areas that are also experiencing high groundwater. Groundwater can seep into older drainage pipes, reducing system capacity and creating the impression that the valves are allowing tidal water to enter the system.</p> <p>This project is on hold until FY 2025 because alternative tidal flooding mitigation projects and improved devices may be developed in the interim.</p>	

## Project Information

**Contact:** Ellen Roberts

**Department:** Transportation & Drainage

**Project Number and Title:** Oxford Mews Drainage Improvements;

15-T&D-001

**Project Type:** Drainage System Retrofits

**Useful Life:** 25+ years

**Comprehensive Plan:** Chapter 7 Page 24

## Project Description and Scope

This project is intended to mirror work done on Hopkins Court. The concrete channel downstream of the street will be widened to the inlet of the Little Florida Road drainage system. This work was delayed in past years because of concerns by adjacent property owners. Should those concerns be alleviated, the project would serve to provide more drainage capacity. Oxford Mews was developed in the 1970's when storm drainage standards were significantly less rigorous than current standards of care. A wider channel would help reduce the duration of but would not eliminate standing water on the street during significant rain events.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ 90,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 340,000</b>					

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
State Funding	\$ -	\$ -	\$ -	\$ -	\$ 340,000	\$ -	\$ 340,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 340,000</b>					

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	Minimal impacts on operating budget are expected. This project should improve drainage.

## Project Information

**Contact:** Ellen Roberts

**Department:** Engineering

**Project Number & Title:** Poquoson Ave Drainage Improvements:

23-T&D-001

**Project Type:** Drainage

Useful Life: 50+ years

**Comprehensive Plan:** Chapter 7 Page 12

## Project Description and Scope

The northerly side of Poquoson Avenue just east of its intersection with Rens Road (a portion of the 700 block) has no roadside drainage conveyance. Currently stormwater runoff from Poquoson Avenue flows onto adjacent properties and causes repetitive nuisance flooding. This project involves hiring a consultant to develop cost effective solutions to this problem and constructing those solutions.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction	\$ -	\$ 60,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 210,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 210,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ 60,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 210,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 60,000</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 210,000</b>

## Project Status

## Impact on Operating Budget:

Under development.

## Project Information

**Contact:** Ellen Roberts

**Department:** Transportation & Drainage

**Project Number and Title:** Traffic Signal Support System Replacement

Intersection of WC Road and Victory Blvd; 23-T&D-002

**Project Type:** Improvement

Useful Life: 30-40 years

**Comprehensive Plan:** Chapter7 Page7-11

## Project Description and Scope

VDOT and Federal Highway Administration require traffic signal support systems be inspected every 4 years (Section 2.4.7 - Frequencies of Inspections in the VDOT S&B Traffic Ancillary Structures Inventory and Inspection Manual, 2014). The signal supports were last inspected in January 2019 at a cost of \$21,000. This paid for leasing a bucket truck and hiring a professional structural engineer. Recommended adjustments were made. No major structural issues were found at the time. It was noted that the support system at Victory Boulevard and Wythe Creek was nearing the end of its 30-40 year service life. This system was installed in 1987. Its design does not meet current standards. This funding request is for performing the next mandatory inspection of all 4 traffic signal support systems and for replacing the Victory/Wythe Creek support system in 2024. The remaining three support systems are approximately 10 years younger. Poquoson should include funding for replacing those systems beginning in about FY 27.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction & Design	\$ -	\$ 35,000	\$ 130,000	\$ -	\$ -	\$ 50,000	\$ 215,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 35,000</b>	<b>\$ 130,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 215,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ 35,000	\$ 130,000	\$ -	\$ -	\$ 50,000	\$ 215,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 35,000</b>	<b>\$ 130,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 215,000</b>

## Project Status

## Impact on Operating Budget:

Not yet developed.

## Project Information

**Contact:** Ellen Roberts

**Department:** Transportation & Drainage

**Project Number and Title:** Poquoson Ave/Little Florida/Laydon Way Intersection Improvements

**Project Type:** Improvement

**Useful Life:** Indefinite

**Comprehensive Plan:** Chapter 7 Page 12

## Project Description and Scope

This project will realign Laydon Way to improve visibility, safety and capacity at the intersection. Traffic calming measures will also be considered. This is at the intersection of Poquoson Avenue, Little Florida Road, and Laydon Way. At the direction of City Council this project was submitted for consideration for the State's Revenue Sharing Program in Summer 2019. In Fall of 2020, the City learned that its application was unsuccessful. (State Revenue Sharing Program requires a 1:1 match from the City.) The City's next opportunity to submit an application for this project will be late Spring of 2021. Staff requests direction from Council with regard to a possible 2021 application. Should the City make application and should that application be successful funding would be available in FY 2027 or FY 2028.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Design	\$ -	\$ -	\$ -	\$ 43,700	\$ -	\$ -	\$ 43,700
	\$ -	\$ -	\$ -	\$ -	\$ 556,300	\$ -	\$ 556,300
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 43,700</b>	<b>\$ 556,300</b>	<b>\$ -</b>	<b>\$ 600,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
State Funds	\$ -	\$ -	\$ -	\$ 43,700	\$ 256,300	\$ -	\$ 300,000
	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 43,700</b>	<b>\$ 556,300</b>	<b>\$ -</b>	<b>\$ 600,000</b>

## Project Status

## Impact on Operating Budget:

There is currently no status to report for this project.

## Project Information

**Contact:** Ellen Roberts

**Department:** Engineering

**Project Number and Title:** Watershed Studies

**Project Type:** Study; Drainage improvement project development and ranking; 23-T&D-003

**Useful Life:** 50+ years

**Comprehensive Plan:** Chapter 7 Page 7-24

## Project Description and Scope

Poquoson is a flat, low lying community heavily impacted by tidal flooding. The City has over 260 separate watersheds. The 9 largest range from 95-360 acres; 11 other watersheds are 30-94 acres in size. Much of the City's drainage system is over 40 years old and was built to lower capacity standards, with no consideration of tidal impacts. In February 2020, City Council held a work session on the impact of tidal flooding and possible mitigation efforts and opted for future watershed studies of the larger areas. This work would be performed by consultants. Studies would be performed on the watersheds that have the greatest impact on citizens, public roads and public infrastructure. The end products for the studies include watershed-specific lists of improvement projects and planning budgets that can be developed into CIP projects. Well engineered watershed studies will allow limited drainage improvement funds to be spent cost effectively and will provide the necessary scientific backup and information needed to apply for grant funds for future improvement construction.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Watershed Study	\$ -	\$ 60,000	\$ 75,000	\$ 100,000	\$ 100,000	\$ 250,000	\$ 585,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 60,000</b>	<b>\$ 75,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 250,000</b>	<b>\$ 585,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ 60,000	\$ 75,000	\$ 100,000	\$ 100,000	\$ 250,000	\$ 585,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 60,000</b>	<b>\$ 75,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 250,000</b>	<b>\$ 585,000</b>

## Project Status

## Impact on Operating Budget:

There is currently no status to report for this project.

## Project Information

**Contact:** City Engineer

**Department:** Engineering

**Project Number and Title:** Cedar Rd Sidewalk Connector

**Project Type:** Transportation

Useful Life: 25+ years

**Comprehensive Plan:** Chapter 7 Page 12

## Project Description and Scope

This project includes construction of a sidewalk extension from its terminus on Poquoson Avenue to the Poquoson Avenue/Cedar Road intersection. From there, the sidewalk will be extended along the easterly side of Cedar Road to the intersection of Municipal Drive and Cedar Road. A crosswalk will be installed on Cedar Road, connecting the sidewalk to the Municipal Park property. The project also includes piping portions of the easterly Cedar Road ditch to accomodate the sidewalk.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000
<b>Grand Total</b>	<b>\$ 80,000</b>	<b>\$ -</b>	<b>\$ 80,000</b>				
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000
<b>Grand Total</b>	<b>\$ 80,000</b>	<b>\$ -</b>	<b>\$ 80,000</b>				

## Project Status

## Impact on Operating Budget:

The design for this project is complete. Once stormwater credits have been purchased in order to obtain a permit and an easement on Cedar Road has been acquired, the project is ready to be constructed.

## Project Information

**Contact:** Ellen Roberts

**Department:** Transportation & Drainage

**Project Number and Title:** Victory Boulevard; 12-T&D-006

**Project Type:** Improvement

**Useful Life:** Indefinite

**Comprehensive Plan:** Chapter 7 Page 11

## Project Description and Scope

This project involves enhancing Victory Boulevard from the City/York County line to its intersection with Wythe Creek Road. Work includes the addition of turn lanes at intersections; commercial access management near Wythe Creek Road; and a multiuse path. The City recently applied for and received funding under the VDOT Smart Scale program.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Design and Construction	\$ -	\$ -	\$ 3,773,000	\$ -	\$ -	\$ -	\$ 3,773,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
State Funding	\$ -	\$ -	\$ 3,730,000	\$ -	\$ -		\$ 3,730,000
General Fund	\$ -	\$ -	\$ 43,000	\$ -	\$ -	\$ -	\$ 43,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,773,000</b>

## Project Status

## Impact on Operating Budget:

Poquoson and York County applied for funding for this project through the Smart Scale program. This is a highly competitive program, with applications for funding far outweighing available money.

Poquoson receives VDOT maintenance money to cover maintenance work.

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Public Works Compound; 08-PW-407

**Project Type:** Building

**Useful Life:** 30+ years

**Comprehensive Plan:** Chapter 6 Page 8

## Project Description and Scope

Phase I: Perform a feasibility study to explore the recommended needs and updated cost estimate for the replacement of outdated buildings/structures in the Public Works Compound as stated below.

The study is needed not only to provide the needs assessment of the existing infrastructure, but to outline the phases and cost estimate per year beyond FY25 to complete the proposed project in an efficient manner if approved.

Replacement of buildings in the PW Compound— Vehicle Maintenance 70' x 90' Parks Maintenance/Concession (possibly adjacent to location) and Restrooms 30' x 60' Utilities 20' x 30' Wash Rack 18' x 50' and Public Works crew area. This project is expected to be completed in phases. There are buildings in the compound that are non-repairable, no longer accommodate the size of the equipment used by the City and are too small to store all materials, tools, and equipment. At this time, they are sending out our fire engines for all work, including state inspections due to the fact the engines are larger than the door entrances. Also, the new school buses only have approximately 2' of clearance from front to back.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 50,000</b>					

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Debt Issue	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 50,000</b>					

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	Old garage building is costing more maintenance money. Roof replaced due to leaks.

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Dump Truck; 12-PW-001

**Project Type:** Replacement

**Useful Life:** 15 years

**Comprehensive Plan:** Chapter 7 Page 1



## Project Description and Scope

2002 GMC Crew Cab with air compressor (PW3), 2000 GMC 7500 (PW6), and 2005 GMC 7500 (PW5). Critical equipment has to be on a replacement schedule to maintain the current level of service. This machine is used for a variety of things to include snow removal and must be kept working for emergencies. The request includes one truck with underbody air compressor.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	\$ -	\$ 153,000	\$ 173,000	\$ 153,000	\$ -	\$ -	\$ 479,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 153,000</b>	<b>\$ 173,000</b>	<b>\$ 153,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 479,000</b>

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ 153,000	\$ 173,000	\$ 153,000	\$ -	\$ -	\$ 479,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 153,000</b>	<b>\$ 173,000</b>	<b>\$ 153,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 479,000</b>

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	Costing a lot more in maintenance. Had to replace dump body on PW5 & PW6 and 1 more will need replacing soon. (appx. Cost \$10,000.00 each) Parts are harder to obtain with trucks over 15 years old.

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Loader 12-PW-003

**Project Type:** Replacement

**Useful Life:** 16 years

**Comprehensive Plan:** Chapter 7 Page 1



## Project Description and Scope

Replace existing 1990 John Deere 544E Loader – PW15. Critical equipment has to be on a replacement schedule to maintain the current level of service. This machine is used for a variety of things to include snow removal at the fire stations ramps to ensure emergency personnel can get to calls. The equipment will be 32 years old if replaced in FY 22. Recommended replacement is 16 years for this equipment.

Project Expenditures	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
Equipment	\$ 150,000					\$ 150,000
<b>Grand Total</b>	<b>\$ 150,000</b>					<b>\$ 150,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
General Fund	\$ 150,000					\$ 150,000
<b>Grand Total</b>	<b>\$ 150,000</b>					<b>\$ 150,000</b>
Project Status	Impact on Operating Budget:					
There is currently no status to report for this project.	Parts have become very hard to get. Newer equipment will reduce repair costs and help keep department operations run more efficient.					

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Grader 12-PW-004

**Project Type:** Equipment

**Useful Life:** 15 years

**Comprehensive Plan:** Chapter 7 Page 1



## Project Description and Scope

Replace existing 1997 LEEBOY Grader – PW16. This piece of equipment is used for maintaining the road shoulders throughout the City. Due to its age it is very hard to find parts. Guideline replacement is 16 years. It will be 25 years old if replaced in FY 22.

Project Expenditures	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
Equipment	\$ 185,000					\$ 185,000
<b>Grand Total</b>	<b>\$ 185,000</b>					<b>\$ 185,000</b>

Funding Source(s)	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
General Fund	\$ 185,000					\$ 185,000
<b>Grand Total</b>	<b>\$ 185,000</b>					<b>\$ 185,000</b>

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	Newer equipment requires less repair costs and down time. This machine is critical in our snow removal operation.

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Dozier 12-PW-006

**Project Type:** Equipment

**Useful Life:** 16 years

**Comprehensive Plan:** Chapter 7 Page 1



## Project Description and Scope

Replace existing 1998 John Deere 450 Dozer – PW26. Equipment down time causes delays in performing scheduled work in a timely manner. Also, replacement parts for equipment 15 years or older can be hard to find. The recommended replacement of this piece of equipment is 16 years. It will be 24 years old if replaced in FY 2022. Specified out a smaller dozer that will meet our needs.

Project Expenditures	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
Equipment	\$ 120,000					\$ 120,000
<b>Grand Total</b>	<b>\$ 120,000</b>					<b>\$ 120,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
General Fund	\$ 120,000					\$ 120,000
<b>Grand Total</b>	<b>\$ 120,000</b>					<b>\$ 120,000</b>
Project Status	Impact on Operating Budget:					
There is currently no status to report for this project.	Newer equipment decreases annual repair costs					

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Excavator 15-PW-001

**Project Type:** Equipment

**Useful Life:** 16 years

**Comprehensive Plan:** Chapter 7 Page 2



## Project Description and Scope

Replace existing 1994 All Terrain Excavator – PW12. This machine is used to clean outfall ditches throughout the marsh areas. It has been costing more and more each year for repairs and maintenance. This machine is instrumental in keeping major outfall ditches clean. Parts for this aging machine are hard to get. Currently parts have to be ordered from Germany and are limited.

Project Expenditures	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
Equipment	\$ 405,000					\$ 405,000
<b>Grand Total</b>	<b>\$ 405,000</b>					<b>\$ 405,000</b>

Funding Source(s)	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
General Fund	\$ 405,000					\$ 405,000
<b>Grand Total</b>	<b>\$ 405,000</b>					<b>\$ 405,000</b>

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	Cannot get parts for this piece of equipment anymore. Therefore the machine is broke down most of the time. Can't get critical jobs done until we get a replacement.

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Backhoe 16-PW-001

**Project Type:** Replacement

**Useful Life:** 16 years

**Comprehensive Plan:** Chapter 7 Page 1



## Project Description and Scope

The 2006 Komatsu Backhoe (PW14) is a critical part of infrastructure maintenance. The useful life of this equipment is 16 years. In 2022 it will be more expensive to maintain and parts will be harder to obtain. This machine is used for a variety of things to include snow removal at the fire stations ramps to ensure emergency personnel can get to calls.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 136,500	\$ 136,500
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 136,500</b>	<b>\$ 136,500</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 136,500	\$ 136,500
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 136,500</b>	<b>\$ 136,500</b>
Project Status	Impact on Operating Budget:						
There is currently no status to report for this project.	Maintenance cost would be much less on a newer piece of equipment creating a positive impact in our maintenance budget.						

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Messick Point Boat Ramp/Parking Lot

Repaving; 23-PW-001

**Project Type:** Improvement

**Useful Life:** 20 years

**Comprehensive Plan:** Chapter 6 Page 1



## Project Description and Scope

Mill entire parking lot at Messica Point, repave and restripe. The parking lot is damaged from everyday use.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction	-	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
<b>Grand Total</b>	<b>-</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	-	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
<b>Grand Total</b>	<b>-</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	

## Project Information

**Contact:** David Callis

**Department:** Recreation & Events

**Project Number and Title:** Blue Way System; 08-P&R-503

**Project Type:** Construction - Recreational Amenities

**Useful Life:** 25+ years

**Comprehensive Plan:** Chapter 6 Page 22, 23

## Project Description and Scope

This project proposes to develop a series of public access water trails through and around the City. This would include access to wildlife observation stops and historical points of interest. The Blue Way trail system would be developed utilizing existing creeks and channels. Poquoson is blessed with miles of small creeks and channels, most of which are not navigable by boats. However, these creeks and channels are well suited for small, shallow-draft craft such as canoes and kayaks. Trails through such waters are known as Blueways, a water equivalent to a hiking trail. The City does not take advantage of this existing recreational resource. Utilization of this resource will not only provide users a unique method of experiencing the beauty of Poquoson, it will also serve to educate residents and visitors to Poquoson's hidden treasures. The creation of an extensive Blue Way system will serve as a catalyst for ecotourism within the city.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Trail Master Plan	\$ -	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ 4,000
Signage, Posts, etc.	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Location upgrades (piers, ramps, gravel, site work)	\$ -	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ 16,500
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 70,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 70,500</b>

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Grant Funding	\$ -	\$ 70,500	\$ -	\$ -	\$ -	\$ -	\$ 70,500
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 70,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 70,500</b>

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	It is anticipated that a moderate level of impact will be realized from this project. It is expected that there will be an increased demand for typical maintenance operations (trash removal, sign maintenance, etc.). However, this will be greatly offset by the expected increase in volunteer participation in the operation and upkeep of the blueways.

## Project Information

**Contact:** David Callis

**Department:** Recreation & Events

**Project Number and Title:** Western Precinct Park; 08-P&R-509

**Project Type:** Land Acquisition/Park Construction

**Useful Life:** 25+ years

**Comprehensive Plan:** Chapter 6 Page 17 & 27

## Project Description and Scope

Land acquisition and construction for future park/recreational amenity in the City's Western Precinct. Currently there are no City park/recreational facilities in the Western Precinct. With the purchase of land in the Western area of the City a development plan featuring possible athletic fields, picnic shelters, a playground and more is possible. Ideally, a 8-15 acre tract would serve as the footprint for this recreational vision for the Western Precinct.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Land Acquisition/Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>
Project Status	Impact on Operating Budget:						
There is currently no status to report for this project.	Operational impact for land acquisition should be minimal. However with the development of a park amenity on the property, we should anticipate construction and maintenance costs associated with any type of project.						

## Project Information

**Contact:** Ellen Roberts

**Department:** Transportation & Drainage

**Project Number and Title:** South Lawson Park Bike Path

Construction; 20-T&D-001

**Project Type:** Improvement

**Useful Life:** Indefinite

**Comprehensive Plan:** Chapter 7      Page 10



## Project Description and Scope

This is the design and construction of a multi-use trail in South Lawson Park and includes improvements to the park's stormwater pond to provide water quality and quantity management for the additional impervious area.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Design	\$ 55,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,100
Construction	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000
<b>Grand Total</b>	<b>\$ 55,100</b>	<b>\$ 140,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 195,100</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
State Funds	\$ 55,100	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 195,100
<b>Grand Total</b>	<b>\$ 55,100</b>	<b>\$ 140,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 195,100</b>

## Project Status

## Impact on Operating Budget:

State funding will became available in October 2019. The project is underway.

Minimal. The City will have to maintain additional trail.

## Project Information

**Contact:** Dave Callis

**Department:** Recreation & Events

**Project Number and Title:** Municipal Ballfield Lighting Upgrade;  
08-P&R-513

**Project Type:** Municipal Ballfield Lighting Upgrade

**Useful Life:** 20+ years

**Comprehensive Plan:** Chapter 6 Page 16, 18, 27



## Project Description and Scope

This project proposes to replace the light poles, fixtures and underground wiring at the baseball field at Municipal Park. The replacement fixtures, poles, and wiring would be designed to comply with Virginia High School League and National Little League design specifications. The upgraded system will include automated on/off, remote location control, preventing unauthorized use and allowing greater security. The lights at Municipal Baseball Field are considered sub-standard by both the Virginia High School League and National Little League. The lights are situated on poles that are considered too short, thus creating the potential for the lights to blind players when the ball is aloft. In addition, the center field pole is situated too close in to the field of play, thus creating a possible hazard to center fielders when fielding a ball. The underground wiring has been tested and shown to be under-sized for the loads it is carrying, elevating the risk of overloads and fires. The lighting footprint would include the adjacent multi-purpose field presently used for kickball and youth football which at present does not meet any lighting standards for any sport.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Engineering	\$ 177,000						\$ 177,000
Installation	\$ 96,000						\$ 96,000
<b>Grand Total</b>	<b>\$ 273,000</b>	<b>\$ -</b>	<b>\$ 273,000</b>				

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ 273,000						\$ 273,000
<b>Grand Total</b>	<b>\$ 273,000</b>	<b>\$ -</b>	<b>\$ 273,000</b>				

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	It is anticipated that new, more energy efficient lighting fixtures will result in operational savings in utility and repair costs compared to present expenditures for this facility.

## Project Information

**Contact:** David Callis

**Department:** Recreation & Events

**Project Number and Title:** Municipal Pool Reconstruction;  
11-P&R-002

**Project Type:** Construction

**Useful Life:** 30+ years

**Comprehensive Plan:** Chapter 6 Page 19, 27



## Project Description and Scope

To best preserve the facility rather than a full demolition & rebuild, a 2-part renovation strategy for the facility is recommended over the next 3-6 years. This is a more economical renovation and will afford the City significant cost savings. The first phase would be to address the white plaster coating, tile and all coping stones and include a deck replacement of concrete areas that would either be of partial to full deck replacement of concrete areas that are in the most significant need. The white plaster coat will be 20 years old by 2024 which typically has a useful life of 15 years. Deck areas are brittle and showing cracks, sinking and degrading at 60% of the facility. This phase will sustain the facility and extend useful life 20 years. Phase 2 addresses the pool house bathrooms, office, and pump room which are all in need of a roof redesign and replacement. Cinderblock wall repairs and an addition of a family restroom is also planned. It is anticipated that the newly refurbished pool facility will increase interest in pool use and memberships. Additionally the pool remains in the AE8 flood zone in relation to the pool house construction/renovation, requiring the pool house to be elevated. Project estimate reflects cost of this elevation.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Pool Plaster Coat, Tiles, & Cement Deck	\$ -	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 85,000
Pool House/restroom	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 185,000</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 435,000</b>

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Debt Issue	\$ -	\$ 185,000	\$ -	\$ 250,000	\$ -	\$ -	\$ 435,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 185,000</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 435,000</b>

## Project Status

There is currently no status to report for this project.

## Impact on Operating Budget:

The upgraded facility should reduce the continued impacts for repair, leaks, concrete repacements that have periodically been needed incrementally.

## Project Information

**Contact:** David Callis

**Department:** Recreation & Events

**Project Number and Title:** Recreation Center; 11-P&R-003

**Project Type:** Construction

**Useful Life:** 30+ years

**Comprehensive Plan:** Chapter 6 Page 25, 27



## Project Description and Scope

An indoor open space facility with two (2) gym floors, multipurpose playing locations for youth basketball, indoor soccer, indoor field hockey, and other activities that is no less than the size of 2 basketball floors is needed to adequately address program requirements for existing and future youth athletic practice and games. The area where the Old Municipal Building is currently located in addition to space within the front yard extending to Poquoson Avenue could serve as a suitable site to construct a multipurpose meeting and athletic facility Butler building. Included with this concept could include a registration desk and office space for Community Recreation staff. The facility's location would be central to many athletic activities and the Municipal Pool. Existing parking could support the facility. Although the building would need to be built with a raised elevation to meet flood requirements, it should be noted that this location would not require land acquisition costs. Additionally, the City at this time has no indoor gym facility under its own ownership that can host an indoor activity of 300-500 people at any one time. Estimated cost for steel building construction, 25ft in height, 18,000 square feet with 2 multi-purpose athletic courts with office and storage, and adequate spectator space is approximately \$1,000,000. The space or footprint is not expansive but the resulting structure could be adequate and built as a "no-frill" building. The two (2) athletic courts would address the majority of indoor programming needs for City athletic programs. The additional \$1,000,000 would underwrite the cost to outfit floors, equipment, electrical, heat and plumbing.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
A & E Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,500,000</b>	<b>\$ 2,500,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Debt Issue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,500,000</b>	<b>\$ 2,500,000</b>
There is currently no status to report for this project.	League use and sports programming fees could assist in supporting a small portion of the overhead to operate the building as well, however the operating costs would be recovered through user fees. There would be debt service as part of the costs and would be relative to the market rate.						

## Project Information

**Contact:** David Callis

**Department:** Recreation & Events

**Project Number and Title:** Firth Field Light Replacement;

13-P&R-001

**Project Type:** Athletic Field Light Replacement

**Useful Life:** 25+ years

**Comprehensive Plan:** Chapter 6 Page 18, 27



## Project Description and Scope

The largest and only 90' base path baseball field in the City will need an upgrade and replacement of its current lighting system within the next 5-10 years. This field currently provides playing space for both JV and Varsity high school baseball, Poquoson Little League, American Legion and AAU baseball play. Their schedules require appropriate safe lighting. An upgraded system will include automated on/off, and remote location control. The lights at Firth Baseball Field are continuing to age with needed maintenance and inconsistent light coverage for the playing field areas, thus diminishing the safety and cost effective operation. The functional lifespan of the wooden light poles make them candidates for replacement as soon as practical. A new system would meet the 2009 upgraded safety standards that rate the poles up to 110 mph wind speeds. The upgrade would provide a 25 year life cycle for added operation savings of greater than 50% than the existing technology at the location. The system would be guaranteed maintenance free for 25 years upon installation.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment Installation	\$ 216,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 216,000
	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000
<b>Grand Total</b>	<b>\$ 306,000</b>	<b>\$ -</b>	<b>\$ 306,000</b>				

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ 306,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 306,000
<b>Grand Total</b>	<b>\$ 306,000</b>	<b>\$ -</b>	<b>\$ 306,000</b>				

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	Green lighting reduces life-cycle operating costs by half or more compared to prior technology designed for the same light levels, through energy efficiency, plus controls and maintenance savings.

## Project Information

**Contact:** Dave Callis

**Department:** Recreation & Events

**Project Number and Title:** Recreational Amenities at City Hall;

22-P&R-001

**Project Type:** Construction - Recreational Amenities

Useful Life: 25+ years

**Comprehensive Plan:** Chapter 6 Page 22,23

## Project Description and Scope

At the request of City Council, the Parks & Recreation Advisory Board is in process of developing and making final recommendations to City Council for recreational amenities in the City Hall/Big Woods area. Developing a dog park would require funding of approximately \$25,000 to \$40,000 to support fencing, water tap and a few play structures. Location water sampling on a required basis would need to be instituted once in place to be sure bacterial contaminates were not being discharged into the storm water system as required by the City Engineer and EPA discharge rules. Additionally costs for the installation of a playground and gazebo would be commensurate with size design materials. A mid-size gazebo/performance stage with electrical is estimated at \$35,000 with basic finishes. The playground concept would likely cost an estimated \$40,000-\$50,000. This would vary based on amenities selected, size and installation cost for the play structures. These amenities would compliment the existing Oxford Run recreational trail, and current resident use of the City Hall Library and their respective events and programming. Additionally, patrons from the anticipated Legacy Project could easily access the amenities as well.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Dog Park	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Playground	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Gazebo	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000
<b>Grand Total</b>	<b>\$ 40,000</b>	<b>\$ 85,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 125,000</b>

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ 40,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000
<b>Grand Total</b>	<b>\$ 40,000</b>	<b>\$ 85,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 125,000</b>

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	

## Project Information

**Contact:** Wally Horton

**Department:** Facilities

**Project Number and Title:** City Hall Parking Lot Repaving;  
22-FAC-001

**Project Type:** Improvement

**Useful Life:** 20 years

**Comprehensive Plan:** Chapter 6      Page 1

## Project Description and Scope

Mill entire parking lot at City Hall, repave and restripe. The parking lot is damaged from everyday use. The rear of the parking lot where the special pickup is held sustains a lot more weight and damage than the rest of the parking lot.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Construction	70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000
<b>Grand Total</b>	<b>70,000</b>	<b>\$ -</b>	<b>\$ 70,000</b>				

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000
<b>Grand Total</b>	<b>70,000</b>	<b>\$ -</b>	<b>\$ 70,000</b>				

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	

## Project Information

**Contact:** Tonya O'Connell

**Department:** Finance

**Project Number and Title:** Financial System; 12-FIN-001

**Project Type:** Software & Equipment

**Useful Life:** 10 years

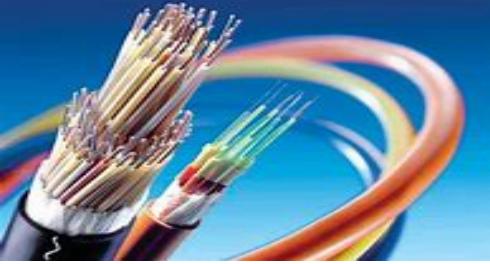
**Comprehensive Plan:** Chapter 6 Page 7



## Project Description and Scope

The replacement of the financial, Commissioner of the Revenue, and Treasurer software program, and the related hardware. The current system is over eighteen years old and uses technology that was developed in the eighties. In order to continue and enhance current processes and service levels in each of the departments the system will need to be replaced.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>
Project Status	Impact on Operating Budget:						
There is currently no status to report for this project.	Annual maintenance agreement will be required. It is anticipated that the cost will increase for the annual maintenance agreement.						

Project Information								
<b>Contact:</b> Joshua Montalvo								
<b>Department:</b> Technology								
<b>Project Number and Title:</b> Fiber optic Upgrades; 20-IT-002								
<b>Project Type:</b> Infrastructure Upgrades								
<b>Useful Life:</b> 30+ years								
<b>Comprehensive Plan:</b>	Chapter 6	Page 11						
Project Description and Scope								
<p>Installation of fiberoptic cables between Fire Station 1 and Poquoson Elementary School, City Hall and Fire Station 2, and City Hall and the Municipal Building. This will provide high speed communications between sites, consolidate internet connectivity, and simplify network complexity and expansion of VoIP phone system into FS2. Phase 1 - 12 strands of fiber will be installed between Fire Station 1 and PES. Very short distract of buried conduit will need to be installed between Station 1 and the existing buried conduit. 1Gb optics will be required for connectivity between sites to complete physical connection. Phase 2 - 36 strands of fiber will run from City Hall to the corner of Wythe Creek Rd and Hudgins Rd. The corner of Wythe Creek and Hudgins will be a splice point; 24 strands will terminate here (for future connection to Public Works) while 12 continue down Wythe Creek to Fire Station 2. 1Gb optics will be required for connectivity between sites to complete physical connection. Phase 3 - 36 strands of fiber will run from City Hall to the corner of Wythe Creek and Hudgins. The corner of Wythe Creek and Hudgins will serve as a splice point with 12 strands terminating here (for connection to FS2) and 24 strands will continue down Hudgins Rd to meet up with existing buried infrastructure. Using existing infrastructure fiber completing connection to public works. 40Gb optics will be used at both City Hall and Public Works to complete physical connection between the two sites.</p>								
Project Expenditures		FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Infrastructure		\$ 48,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 198,000
<b>Grand Total</b>		\$ 48,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 198,000
Funding Source(s)		FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
General Fund		\$ 48,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 198,000
<b>Grand Total</b>		\$ 48,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 198,000
Project Status				Impact on Operating Budget:				
There is currently no status to report for this project.				Cancellation of FiOS internet service at Fire Stations 1 and 2; expansion of VoIP system into Fire Stations 1 and 2.				

## Project Information

**Contact:** Tom Jones

**Department:** Public Works

**Project Number and Title:** Debris Truck Replacement 17-SW-002

**Project Type:** Equipment

**Useful Life:** 12 years

**Comprehensive Plan:** Chapter 6 Page 8



## Project Description and Scope

Replacement of two debris trucks SW6 (2006) and SW8 (2012). Critical equipment must be replaced on a regular schedule to maintain the current level of service. These trucks are used for a variety of things to include recovery from Nor'easters and larger type storms.

Project Expenditures	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
Equipment	\$ 185,000		\$ 185,000			\$ 370,000
<b>Grand Total</b>	<b>\$ 185,000</b>		<b>\$ 185,000</b>			<b>\$ 370,000</b>
Funding Source(s)	FY22	FY23	FY24	FY25	Beyond FY25	Total Cost
General Fund	\$ 185,000		\$ 185,000			\$ 370,000
<b>Grand Total</b>	<b>\$ 185,000</b>		<b>\$ 185,000</b>			<b>\$ 370,000</b>
Project Status	<b>Impact on Operating Budget:</b>					
There is currently no status to report for this project.	As these truck age they break down more often and are getting harder to get parts for. Attached sheet shows to date how much we have spent on each truck "costing more and more" each year.					

## Project Information

**Contact:** Chad Krejcarek

**Department:** Utilities

**Project Number and Title:** Pump Station

Equipment Upgrades 17-SWR-005

**Project Type:** Equipment

**Useful Life:** 20 years

**Comprehensive Plan:** Chapter 1 Page



## Project Description and Scope

Replacement of Gorman Rupp pumps and upgrading equipment at pump stations that are past their life cycle. (Sta 2D, 2E, 2F, 2G, 3, 5, 7, 8, 10A, 10B, 11, 12, 13, 15)

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 150,000	\$ 525,000
	<b>Grand Total</b>	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 150,000	\$ 525,000
Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Sewer Revenue	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 150,000	\$ 525,000
	<b>Grand Total</b>	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 150,000	\$ 525,000
Project Status	Impact on Operating Budget:						
There is currently no status to report for this project.							

## Project Information

**Contact:** Chad Krejcarek

**Department:** Utilities

**Project Number and Title:** Upgrade SCADA 18-SWR-002

**Project Type:** Improvement

**Useful Life:** 10 years

**Comprehensive Plan:** Chapter 1 Page 1

## Project Description and Scope

Upgrade the pump station system control and data acquisition (SCADA) alarm system. Advancement in electronic systems are creating a situation where parts and programming will no longer be available to support our current operating system. The continuous monitoring of all the sanitary sewer pump stations is mandated by the Department of Environmental Quality/Health Department to ensure proper operations of the sanitary sewer system.

Project Expenditures	FY22	FY23	FY24	FY25	Beyond FY26	Total Cost
Equipment upgrades	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 100,000
<b>Grand Total</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>

Funding Source(s)	FY22	FY23	FY24	FY25	Beyond FY26	Total Cost
Sewer Fund	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 100,000
<b>Grand Total</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	

## Project Information

**Contact:** Chad Krejcarek

**Department:** Utilities

**Project Number and Title:** Pump Station Building

Upgrades; 20-SWR-002

**Project Type:** Improvement

**Useful Life:**

**Comprehensive Plan:** Chapter 1 Page 1

## Project Description and Scope

Buildings are needed to protect pump station equipment and to allow space for maintenance of the pump station equipment. Currently Stations 5, 7, 8, 10 and 11 have quonset huts. There is barely enough room inside the huts for the pumps. Almost impossible to get tools and a persons body inside the hut to do any type of maintenance. They are hot in the summer and cold in the winter months. The temperature and humidity changes causes the equipment to rust faster than normal. An actual building would help prolong the normal life cycle of the sewer pumps. Station 9 does not currently have anything to protect its equipment and Station 13 needs the current building to be made larger to allow space to perform maintenance.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment upgrades	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 375,000
<b>Grand Total</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 375,000</b>

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Sewer Fund	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 375,000
<b>Grand Total</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 375,000</b>

## Project Status

## Impact on Operating Budget:

There is currently no status to report for this project.

## Project Information

**Contact:** Chad Krejcek

**Department:** Utilities

**Project Number and Title:** Back-up Emergency Diesel Generator

install and upgrade

**Project Type:** Equipment

**Useful Life:** 15 Years

**Comprehensive Plan:** Chapter Page

## Project Description and Scope

Installation of Back-up Emergency Diesel Generators at Pump Stations: Sta # 17 (River Rd), Sta # 16 (Dorthy Dr), Sta # 5 (Wythe Creek Rd). These are listed in order of priority. Upon completion of this project all Sewer pump stations in the City will have generators. Upgrade of Back-up Emergency Diesel Generators at Pump Stations: Sta # 14 (Roberts Landing). Due to age and wear this equipment needs to be replaced. Cost per Generator is \$38,750. Installation, Transfer switches, Control Panel, Wiring, Concrete work and Testing are \$27,500. For a total of \$66,250 per Pump Station.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Equipment upgrades	\$ 132,500	\$ 132,500	\$ -	\$ -	\$ -	\$ -	\$ 265,000
<b>Grand Total</b>	<b>\$ 132,500</b>	<b>\$ 132,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 265,000</b>

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Sewer Fund	\$ 132,500	\$ 132,500	\$ -	\$ -	\$ -	\$ -	\$ 265,000
<b>Grand Total</b>	<b>\$ 132,500</b>	<b>\$ 132,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 265,000</b>

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	

## Project Information

**Contact:** Chad Krejcarek

**Department:** Utilities

**Project Number and Title:** Replace/Repair manholes on Messick Rd.

**Project Type:** Improvement

**Useful Life:**

**Comprehensive Plan:** Chapter 1 Page 1

## Project Description and Scope

Repair multiple (ten) leaking manholes on Messick Rd. Over the years wear and tear along with salt water from the tide coming over the road has cause some manholes on Messick Rd to be rusted. Resulting in the water tight seal to fail. This failure allows salt water and dirt to enter the sewer system. The DEQ concent order states that if we know of leaks we have to take action on repairing those leaks.

Project Expenditures	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Sewer line repair	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
<b>Grand Total</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ 150,000</b>				

Funding Source(s)	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Sewer Fund	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
<b>Grand Total</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ 150,000</b>				

Project Status	Impact on Operating Budget:
There is currently no status to report for this project.	

## **Appendix**

As part of the planning process, the fleet manager established recommended guidelines for vehicles and equipment. These recommended guidelines are shown below:

<b><u>DESCRIPTION</u></b>	<b><u>EXPECTED LIFE IN YEARS</u></b>	<b><u>EXPECTED LIFE IN MILES</u></b>
Automobiles	10	100,000
Police Vehicles	8	125,000
Light Duty Trucks	12	100,000
Medium Duty Trucks (Diesel)	14	120,000
Medium Duty Trucks (Gasoline)	12	100,000
Heavy Duty Trucks	15	125,000
Light Duty Equipment	As Needed	N/A
Medium Duty Equipment	12	N/A
Heavy Duty Equipment	16	N/A
Trailers	25	N/A
Fire Fighting Vehicles	25	N/A
Ambulances	10	75,000
School Buses	12	150,000

Each department submitted projects which met the definition of a capital outlay item.

Included in this appendix is a brief description of the item by department and the requested amount and year for funding the capital outlay item.

## **Fleet Maintenance**

Tire Changer: Air operated tire changer for automobiles and light to medium truck tires. It is equipped with self centering, clamps, up-front controls, and foot-operated bead loosening system. The current tire changer is over 15 years old and the movable parts on the machine is becoming severely worn.

Heavy Duty Tire Changer: This piece of equipment is able to demount and mount up to 26" rims and 65.4 tire diameter. The current tire changer was purchased used about 16 years ago. This changer is used to replace large vehicle and equipment tires (including school buses).

Heavy Duty Wheel Balancer: This piece of equipment is for truck, bus, and automobile tires. The current wheel balancer is about 15 years old and the accuracy is becoming suspect. Replacement parts are virtually unavailable for this unit.

<u>Description</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>Beyond FY26</u>	<u>Total Cost</u>
Tire Changer	\$14,500						\$14,500
Heavy Duty Tire Changer	\$13,100						\$13,100
Heavy Duty Wheel Balancer	\$9,750						\$9,750
<b>Total Fleet Maintenance</b>	<b>\$37,350</b>						<b>\$37,350</b>

## Solid Waste

Solid Waste Truck: Replacement of existing 1996 ¾ Ton Regular Cab Pickup. This is a 1996 pickup. It should be replaced in accordance with the current criteria for vehicle replacement.

<u>Description</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>Beyond FY26</u>	<u>Total Cost</u>
Solid Waste Truck	\$25,000						\$25,000

## Police

Police Patrol Vehicles: Replacement schedule for the marked, police patrol cars. Replacement costs include vehicle from factory, installation of all emergency lighting, sirens and protective cages, radio installation, and decals.

<u>Type</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>Beyond FY26</u>	<u>Total Cost</u>
Police Patrol Vehicles	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000		\$200,000

## Public Works

Parks Maintenance ¾ Ton Truck: Replacement of existing 2001 GMC ¾ ton truck. This vehicle is used in the everyday maintenance of our parks and ball fields.

Tractor with Bucket: This tractor is used to help maintain ballfields and park properties. It hauls stone topsoil for top dressing fields and mulch.

1 Ton Pickup Truck: Used for transporting personnel to and from jobsites and hauling debris.

Roller: Used to roll down stone jobs and for asphalt patching.

Sweeper: Used for sweeping parking areas and sweeping road when placing stone on shoulders.

Tractor with bushog and cab: Replacement of the 1996 Kubota Tractor

20 Ton Trailer: Replacement for the 2001 20 Ton Equipment Trailer which hauls larger equipment out to the jobsites and to vendors for Fleet Maintenance.

Type	FY22	FY23	FY24	FY25	FY26	Beyond FY26	Total Cost
Parks Maintenance ¾ Ton Truck	\$25,000						\$25,000
Tractor with Bucket	\$14,000						\$14,000
1 Ton Pickup Truck	\$38,000						\$38,000
Roller	\$13,500						\$12,000
Sweeper	\$22,000						\$22,000
Tractor w/ Bushog & Cab	\$42,000						\$42,000
20 Ton Equipment Trailer	\$29,000						\$29,000
Total Public Works	\$183,500						\$183,500

# **Parks and Recreation/Economic Development**

## **MARINE STRUCTURAL ENGINEER INSPECTION PROGRAM**

Provide funding for a marine structural engineer inspection program to assess access point conditions and future maintenance needs of the water access locations in the City (boat ramps and launches). Ideally this program will provide this assessment on a three-year cycle. On the initial inspection, the consultant should provide a bi-annual checklist and brief overview for designated staff in the City to do a brief site inspection as directed by the engineers to see if there is any erosion or damages that need attention in the more immediate term prior to the every three year review and more technical investigation. This funding would support the first inspection of its kind rather than reaction to complaints and proactively servicing our launch locations.

To support this structural engineering review/inspection the next priority in the short term should initiate a maintenance plan to address the issues that are identified by the review. This could include better concrete launch areas, increased gravel or sand materials for safer ramps to lessen boat damage, installing a wave screen or jetty as recommended for limiting erosion, and potentially increasing erosion control for the locations, or any other engineer recommendations. General maintenance needs that are not significant could be fixed within the Public Works/facilities maintenance budget should the recommendations be small items, however larger scale maintenance and facility construction to sustain an access point may need to be then added to future CIP documents for repair projects that are greater than \$50,000.

### **Firth Field Project:**

Upgrade Firth Field Fence and move the distances for the facility, improving service areas and ditch drainage for the facility overall. The field is the City's only 60' by 90' baseball field with lights. The lighting, light poles and equipment for lighting are aging and recommended for replacement as part of the current CIP. The press box is aging on the second floor and is a candidate for replacement in the very near future for the second story. New Baseball Facilities for high school play are now being designed with requirements for distances by the NHSF (Governing Body for High School play- National High School Federation) with footage at minimums of 300 feet down each foul line and a distance of 350 feet for the Center Field measurement to the fence from the home plate apex. In the next 3-5 years it is recommended that field distance to the outfield fence be reduced from its current length field to 325 feet down the foul lines and 350- feet in center field (with the 12' fence adjustment) to make it more conducive for high school play distances. This will also allow serviceable access to the lighting and score board behind the fence without running heavy equipment on the field to disrupt installed sprinklers and to improve drainage. The outfield fence with necessary adjustment would then need to be 8 feet in height on the sides and 12 feet in the center once moved in to the recommended distances. This would allow for a solid background behind the pitcher rather than installing a separate batter's eye in center field. The Parks Maintenance staff provides care of this field including mowing, seeding, marking and lining for all high school events, legion games and LL games. They also provide trash removal, bathroom/press box maintenance and cleaning.

<u>Description</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>FY26</u>	Beyond	Total
Engineering Inspection		\$7,000						\$7,000
Firth Field Improvements		\$17,000						\$17,000
Total Parks/Rec/Economic Dev		\$24,000						\$24,000