

CITY OF SALISBURY

CAPITAL IMPROVEMENT PLAN

2019 - 2023







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City Council



Councilwoman
April R. Jackson D.1



Vice President
Muir Boda D.2



President
John 'Jack' R. Heath
D.3



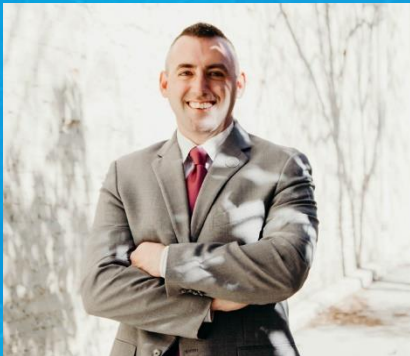
Councilman
James P. Ireton D.4



Councilman
R. Hardy Rudasill D.5



City Administration



Mayor
Jacob R. Day



City Administrator
Julia Glanz



Assistant City Administrator
Alison Pulcher



Assistant City Administrator
Andy Kitzrow



Mayor's Message

Friends, Citizens and Distinguished Councilmembers:

Take a look around our City and you will see the changes that we envisioned over the last few years already taking shape: a state-of-the-art Wastewater Treatment Plant, an emerging new Main Street and Riverwalk Park, a budding series of new exhibits at our Zoo, and major improvements to our City Park.

We are in the midst of building our future. And there is so much more to do. I know that your passion and mine is what has enabled our City to get a running start toward the next generation of beloved assets. That said, sound planning and expert fiscal management is what will enable us to build these projects without burdening our coffers, our taxpayers and future generations. That is why, I am again proposing our leanest Capital Improvement Plan (CIP) yet.

The five-year Capital Improvement Plan for fiscal years 2019-2023 incorporates our Downtown Master Plan, Zoo Master Plan, City Park Master Plan, Urban Greenway Plan, Route 13 Corridor Plan and broad-reaching improvements to bridges, streets, sidewalks and more throughout the City. We will continue to replace important pieces of rolling stock including police vehicles, fire trucks, dump trucks and more.

As Salisbury continues to grow in population, economy and aspiration, our fine-tuned planning processes help us anticipate the most important investments to make that will cement our place as one of the great small cities in America.

Our City is on the threshold of changes unlike we have ever seen before. We are about to invite the world to celebrate traditional music, arts and culture right here in our City – and this is only the beginning of Salisbury's bright, diverse and beautiful future.

Yours in service,

A handwritten signature in blue ink, appearing to read "J.R. Day".

Jacob R. Day



About the Capital Improvement Plan

Salisbury's capital assets are the physical foundation of our service delivery. The City owns and maintains a variety of facilities, ranging from recreational assets like the city parks to public buildings like the Government Office Building. The City owns and maintains an expansive network of infrastructure, including many miles of streets, a growing storm water system, water system, water storage tanks, and miles of sewer lines. The City owns a fleet of vehicles and inventory of equipment ranging from a police communication system to mowers and tractors for maintaining Salisbury's rights-of-way. Like many other cities, Salisbury is faced with the challenge of providing an ever-increasing number of services and facilities, while being sensitive to the reality of limited financial resources. The improvement of streets, recreation facilities, public safety facilities and services must not only keep pace with the growing population, but should also match the level of quality that Salisbury's citizens have come to expect and appreciate. It is essential that the City has a comprehensive approach not only in planning for future assets, but also for maintaining and replacing its current inventory. A long-range plan for funding these expenditures is vital, as decisions about investments in these assets affect the availability and quality of most government services.

Capital Planning

The Capital Improvement Program (CIP) is the tool that allows Salisbury's decision makers to plan how, when, and where future improvements should be made. The document itself is a snapshot into the next five years existing and anticipated capital needs and the funding needed to make them a reality.

Projects were ranked in order to determine which would be funded first. Those that would not fit within the financial framework are currently unfunded. The CIP promotes financial stability through long term planning of resources and needs. The impact of capital funding on the operating budget is clearly visible and can be forecasted.

Salisbury's Capital Improvement Policy

A CIP covering a five-year period, is developed, reviewed and updated annually. To be considered in the CIP, a project should have an estimated cost of at least \$25,000. Projects are not combined to meet the minimum standard unless they are dependent upon each other. Items that are operating expenses, such as maintenance agreements and personal computer software upgrades, are not considered within the CIP. The City identifies the estimated costs and potential funding sources for each capital project prior to inclusion in the CIP. The operating costs to maintain capital projects are considered prior to the decision to undertake the projects. Each project is scored and ranked according to specific criteria. Capital projects and capital asset purchases will receive a higher priority based on conformance with the following criteria (in no particular order):

- It is a mandatory project
- It is a maintenance project based on approved replacement schedules
- It will improve efficiency
- It is mandated by policy
- It lengthens the expected useful life of a current asset
- It has a positive effect on operation and maintenance costs
- There are grant funds available
- It will eliminate hazards and improve public safety
- There are prior commitments
- It replaces an asset lost to disaster or damage
- Project implementation is feasible
- It is not harmful to the environment
- It conforms to and/or advances the City's goals and plans
- It assists with the implementation of departmental goals and policies
- It provides cultural, aesthetic, and/or recreational value

The CIP is presented annually to the City Council for approval. As the CIP is a financial and resource planning tool, it does not represent final budgets for any projects or indicate there is a commitment to proceed with the project. When the City is ready to undertake a project, it will be incorporated in the Annual Budget.

Development of the CIP

Many projects are the recommendation of citizens, Council Members, and staff. Others are developed as part of a larger planning effort such as the City's Downtown Master Plan. Department heads review their projects and rank the projects in order to prioritize them.

Revenues available for capital improvements are not sufficient to fund all improvement opportunities. In order for the Capital Improvement Plan to be realistic, the following framework is used as a guide to determine the level of funding by year.

General Fund Revenues - Based on current operating budgets, the City has set \$1,600,000 as an annual target for the use of General Fund Revenues as a funding source in this Capital Improvement Plan.

Bond Debt - The funding level by year for projects from Bond Debt is influenced by the debt service guidelines included in the City's Financial Policy.

Leases - No set threshold amount for leases is incorporated. Leases are often appropriate as a funding source where a department has sufficient fall off of existing lease payments resulting in no additional increase of operating expense.

Program Highlights

General Fund - The 2019-2023 CIP anticipates expenditures in the General Fund of \$47,699,850. Of this amount, \$ 25,895,700. would be funded from the sale of general obligation bonds. A total of \$ 8,390,000 is proposed to be funded through General Fund Revenues, \$ 7,458,000 is to be financed through lease-purchase, and \$5,956,150 is proposed to be funded through grants, donations, and in kind services.

Water and Sewer Fund - In total, the 2018-2022 CIP anticipates expenditures in the Water Sewer Fund of \$ 16,963,900.



Capital Improvement Plan Summary

Summary by Program

Program	Fiscal Year					Program
	FY19	FY20	FY21	FY22	FY23	Total
General Fund						
Mayor's Office	0	0	0	0	0	0
Procurement	1,210,000	0	0	0	0	1,210,000
Public Safety						
Police	1,098,000	863,000	678,000	638,000	638,000	3,915,000
Fire	844,000	1,447,500	1,240,000	1,475,000	1,800,000	6,806,500
Field Operations						
Streets & Highways	273,000	0	0	0	0	273,000
Sanitation - Collection & Disposal	500,000	0	0	0	0	500,000
Resource Management	0	1,350,000	2,887,500	0	0	4,237,500
Parking						
Zoo	440,000	225,000	195,000	330,000	30,000	1,220,000
Poplar Hill Mansion	0	30,000	30,000	32,000	75,000	167,000
Infrastructure & Development						
General Projects	9,905,150	1,917,000	2,080,000	4,065,500	1,970,000	19,937,650
Street Reconstruction	1,256,000	1,363,000	1,165,200	1,277,000	900,000	5,961,200
Bridge Maintenance	162,000	68,000	56,000	0	0	286,000
New Streets	0	700,000	700,000	210,000	1,576,000	3,186,000
General Fund Total	15,688,150	7,963,500	9,031,700	8,027,500	6,989,000	47,699,850
Parking Authority	60,000	90,000	0	0	0	150,000
Marina Fund						
Stormwater Fund	560,000	422,000	565,000	400,000	400,000	2,347,000
Water Works						
Water Production Maintenance	906,000	1,175,000	691,000	3,400,000	189,000	6,361,000
Water Distribution Maintenance	365,200	100,000	350,000	1,706,200	1,600,000	4,121,400
Wastewater Collection Maintenance	680,000	650,000	3,050,000	500,000	0	4,880,000
Wastewater Collection Expansion	0	1,250,000	0	0	0	1,250,000
Treat Wastewater	225,000	50,000	76,500	0	0	351,500
Water & Sewer Fund Total	2,176,200	3,225,000	4,167,500	5,606,200	1,789,000	16,963,900

Detail Project List by Program Page 1 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
<u>General Fund</u>						
Administration						
Procurement						
GOB Upgrades & Improvements	10,000	0	0	0	0	10,000
Public Safety	1,200,000	0	0	0	0	1,200,000
Police						
Water Chiller						
Patrol Vehicles	300,000	0	0	\$	\$	300,000
CID Vehicles	690,000	575,000	575,000	575,000	575,000	2,990,000
CID Evidence Vehicle	63,000	63,000	63,000	63,000	63,000	315,000
CAD-RMS Replacement	45,000	0	0	0	0	45,000
Lead Mining	0	225,000	\$	\$	\$	225,000
Fire	0	0	40,000	\$	\$	40,000
New Fire Station - North End						
Apparatus Replacement - Dive Unit	395,000	0	0	150,000	0	545,000
Apparatus Replacement - Rescue 16	0	0	0	350,000	0	350,000
Apparatus Replacement - Tanker 1	0	0	0	975,000	0	975,000
Hydrant Adapter - 5" Sexless Couplings	0	400,000	0	0	0	400,000
Bullet Proof Vests	0	172,500	0	0	0	172,500
Phone System Replacement	70,000	0	0	0	0	70,000
Automated External Defibrillators (AED)	30,000	0	0	0	0	30,000
Apparatus Replacement - Staff Vehicles	27,000	0	0	0	0	27,000
Roof Replacement - Fire Station #1	180,000	0	0	0	0	180,000
Side Scan Sonar	102,000	0	0	0	0	102,000
Utility Vehicle (UTV) Medical Transport Unit (2)	0	0	40,000	0		40,000
Self Contained Breathing Apparatus Replacement	40,000	0	0	0	0	40,000
Apparatus Replacement - EMS Units	0	875,000	0	0	0	875,000
New Fire Station - East End	0	0	1,200,000	0	0	1,200,000
Apparatus Replacement - Engine 1 & 2	0	0	0	0	0	0
Apparatus Replacement - Truck 1 & 2	0	0	0	0	1,800,000	1,800,000

Detail Project List by Program Page 2 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
<u>Field Operations</u>						
Streets and Highways						
Excavator - Mid Size	108,000	0	0	0	0	108,000
Dump Truck	165,000	0	0	0	0	165,000
Sanitation - Collection & Disposal						
Automated Refuse Truck	275,000	0	0	0	0	275,000
Street Sweeper	225,000	0	0	0	0	225,000
Resource Management						
Field Operations Facility Plan - Phase 2	0	1,350,000	0	0	0	1,350,000
Field Operations Facility Plan - Phase 3	0	0	2,887,500	0	0	2,887,500
Salisbury Zoo						
Electrical Transformers	0	0	50,000	50,000	0	100,000
New Admin Office Space - Modular	0	185,000	0	0	0	185,000
Bobcat Exhibit	60,000	0	0	0	0	60,000
Jaguar Exhibit - Phase I	0	0	15,000	250,000	0	265,000
North American Ducks - Exhibit Improvements	60,000	0	0	0	0	60,000
East Parking Lot Redesign	0	10,000	100,000	0	0	110,000
Special Events Pavilion	200,000	0	0	0	0	200,000
Pathway Paving	30,000	30,000	30,000	30,000	30,000	150,000
Red Wolf Building Improvements	50,000	0	0	0	0	50,000
Fencing	40,000	0	0	0	0	40,000
Poplar Hill Mansion						
Exterior Painting	0	30,000	0	0	0	30,000
Grounds Restoration	0	0	30,000	0	0	30,000
Shutter Replacement	0	0	0	32,000	0	32,000
Front Portico Reconstruction	0	0	0	0	50,000	50,000
Gazebo & Gardens Restorations	0	0	0	0	25,000	25,000

Detail Project List by Program Page 3 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
<u>Infrastructure & Development</u>						
General Projects						0
Main Street Master Plan	7,840,000	0	0	0	0	7,840,000
Bicycle Master Plan Improvements	550,000	550,000	550,000	550,000	550,000	2,750,000
City Park Master Plan Improvements	275,000	275,000	275,000	275,000	275,000	1,375,000
Urban Greenway	775,000	885,000	885,000	1,110,000	1,110,000	4,765,000
Wayfinding and Signage	35,000	35,000	35,000	35,000	35,000	175,000
Skatepark	0	132,000	0	0	0	132,000
Waterside Playground	350,150	30,000	0	0	0	380,150
Beaverdam Creek Bulkhead Replacement	0	0	210,000	2,095,500	0	2,305,500
Zoning Code Revisions	80,000	0	0	0	0	80,000
River Trash Collectors	0	0	25,000	0	0	25,000
North Prong Improvements	0	10,000	100,000	0	0	110,000
Street Reconstruction						
Citywide Concrete	100,000	100,000	100,000	100,000	100,000	500,000
Citywide Street Repair	100,000	100,000	100,000	100,000	100,000	500,000
Citywide Street Reconstruction FY19 FY20 FY21 FY22 FY23	850,000	750,000	800,000	800,000	700,000	3,900,000
Street Scaping	206,000	413,000	165,200	227,000	0	1,011,200
Eastern Shore Drive Signal Warrant Analysis	0	0	0	50,000	0	50,000
Bridge Maintenance	162,000	68,000	56,000	0	0	286,000
New Streets						
Jasmine Drive	0	600,000	0	0	0	600,000
Jasmine Drive to Rt 13 Connector Road	0	100,000	700,000	0	0	800,000
Culver Road	0	0	0	210,000	1,576,000	1,786,000
General Fund Total	15,688,150	7,963,500	9,031,700	8,027,500	6,989,000	47,699,850

Detail Project List by Program Page 4 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
Parking Authority Fund						
Parking Garage Street Sweeper	0	60,000	0	0	0	60,000
Resurfacing of Parking Lot 7/13	35,000	30,000	0	0	0	65,000
Parking Division Vehicle	25,000	0	0	0	0	25,000
Parking Authority Fund Total	60,000	90,000	0	0	0	150,000
Marina Fund						
Marina Fund Projects						
Marina Fund Total	0	0	0	0	0	0
Stormwater Management						
Total Maximum Daily Load Compliance Schedule	400,000	400,000	400,000	400,000	400,000	2,000,000
Beaglin Park Dam Improvements	0	22,000	165,000	0	0	187,000
East Main Street Storm Drain at Burnett-White	160,000	0	0	0	0	160,000
Stormwater Management Total	560,000	422,000	565,000	400,000	400,000	2,347,000

Detail Project List by Program Page 5 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
<u>Water Works</u>						
Water Production Maintenance						
Restore Park Well Field	171,000	175,000	180,000	183,000	189,000	898,000
Restore Paleo Well Field	0	0	211,000	217,000	0	428,000
Filter Replacement Project	0	0	300,000	3,000,000	0	3,300,000
Tank and Reservoir Mixing System	0	86,000	0	0	0	86,000
Park Well Field Raw Water Main & Valve Replacement	67,000	551,000	0	0	0	618,000
Park Water Treatment Plant Roof Improvements	28,000	178,000	0	0	0	206,000
Pump Station Building Improvements	325,000	0	0	0	0	325,000
Park Aerator Building Improvements	0	80,000	0	0	0	80,000
Park Water Treatment Plant Electrical Gear Replacement	245,000	0	0	0	0	245,000
Nitrate Monitoring and Study	0	105,000	0	0	0	105,000
Park Plant South Side Flow Meter and Meter Pit	70,000	0	0	0	0	70,000
Water Distribution Maintenance						
Replace Distribution Piping and Valves	100,000	100,000	100,000	100,000	100,000	500,000
Elevated Water Tank Maintenance	265,200	0	0	106,200	0	371,400
Automated Metering Infrastructure	0	0	250,000	1,500,000	1,500,000	3,250,000
Wastewater Collection Maintenance						
Sewer Infiltration & Inflow Remediation	450,000	550,000	500,000	500,000	0	2,000,000
Pump Station Improvements	230,000	0	2,550,000	0	0	2,780,000
Southside Pump Station Force Main	0	100,000	0	0	0	100,000
Wastewater Collection Expansion						
Glen Avenue Lift Station	0	1,250,000	0	0	0	1,250,000
Treat Wastewater						
WWTP Outfall Inspection and Repairs	0	0	76,500	0	0	76,500
WWTP Local Limits Study	25,000	50,000	0	0	0	75,000
WWTP Materials Warehouse & Security Building	200,000	0	0	0	0	200,000
Water Works Fund Total	2,176,200	3,225,000	4,167,500	5,606,200	1,789,000	16,963,900

Summary by Funding Source

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
General Fund						
General Revenues	1,709,000	1,848,000	1,796,000	1,722,000	1,315,000	8,390,000
Enterprise Fund Revenue	0	0	0	0	0	0
Grants Received	1,420,150	132,000	0	0	0	1,552,150
Bonded Debt	10,235,000	3,370,500	4,697,700	4,132,500	3,460,000	25,895,700
Contributions/Donations	618,000	1,100,000	700,000	410,000	1,576,000	4,404,000
Lease/Purchase	1,706,000	1,513,000	1,838,000	1,763,000	638,000	7,458,000
In Kind Services	0	0	0	0	0	0
General Fund Total	15,688,150	7,963,500	9,031,700	8,027,500	6,989,000	47,699,850
Parking Authority Fund						
Enterprise Fund Revenue	35,000	30,000	0	0	0	65,000
Lease/Purchase	25,000	60,000	0	0	0	85,000
Parking Authority Fund Total	60,000	90,000	0	0	0	150,000
Marina Fund						
General Revenues	0	0	0	0	0	0
Stormwater Fund						
Enterprise Fund Revenue	360,000	222,000	200,000	200,000	200,000	1,182,000
Grants	200,000	200,000	200,000	200,000	200,000	1,000,000
Bonded Debt	0	0	165,000	0	0	165,000
Lease/Purchase	0	0	0	0	0	0
Stormwater Fund Total	560,000	422,000	565,000	400,000	400,000	2,347,000
Water & Sewer Fund						
Enterprise Fund Revenue	1,851,200	2,881,000	4,167,500	1,106,200	1,789,000	11,794,900
Bonded Debt	325,000	258,000	0	4,500,000	0	5,083,000
Lease / Purchase	0	0	0	0	0	0
Water Impact Fund	0	86,000	0	0	0	86,000
Water & Sewer Fund Total	2,176,200	3,225,000	4,167,500	5,606,200	1,789,000	16,963,900

Detail Project List by Funding Source Page 1 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
<u>General Fund</u>						
General Revenues						
GOB Upgrades & Improvements	10,000					10,000
Telephone System Upgrade at Station #16	30,000					30,000
Automated External Defibrillator (AED)	27,000					27,000
Side Scan Sonar			40,000			40,000
Utility Vehicle (UTV) Medical Transport Unit	40,000					40,000
CID Evidence Vehicle	45,000					45,000
CAD-RMS Replacement		225,000				225,000
Lead Mining			40,000			40,000
Electrical Transformers			50,000	50,000		100,000
New Admin Office Space - Modular		185,000				185,000
Bobcat Exhibit	6,000					6,000
Jaguar Exhibit - Phase I			15,000	250,000		265,000
North American Ducks - Exhibit Improvements	6,000					6,000
East Parking Lot Redesign		10,000	100,000			110,000
Pathway Paving	30,000	30,000	30,000	30,000	30,000	150,000
Red Wolf Building Improvements	5,000					5,000
Fencing	40,000					40,000
Exterior Painting		30,000				30,000
Grounds Restoration			30,000			30,000
Shutter Replacement				32,000		32,000
Front Portico Restoration					50,000	50,000
Gazebo & Gardens Restorations					25,000	25,000
City Park Master Plan Implementation	275,000	275,000	275,000	275,000	275,000	1,375,000
Wayfinding and Signage	35,000	35,000	35,000	35,000	35,000	175,000
Waterside Park Improvements	30,000	30,000				60,000
Zoning Code Revisions	80,000					80,000
River Trash Collectors			25,000			25,000
North Prong Park Improvements		10,000	100,000			110,000

Detail Project List by Funding Source Page 2 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
Citywide Concrete Program	100,000	100,000	100,000	100,000	100,000	500,000
Citywide Street Repairs	100,000	100,000	100,000	100,000	100,000	500,000
Citywide Street Reconstruction	850,000	750,000	800,000	800,000	700,000	3,900,000
Eastern Shore Drive Signal Warrant Analysis				50,000		50,000
Bridge Maintenance		68,000	56,000			124,000
Enterprise Fund Revenue						
Waterside Park Improvements	0					0
Grant						
Main Street Master Plan	1,100,000					1,100,000
Skatepark		132,000				132,000
Waterside Park Improvemnts	320,150					320,150
Bonded Debt						
Apparatus Replacement Engine 1 & 2					1,800,000	1,800,000
Energy Savings Investments	1,200,000					1,200,000
Water Chiller & Heating and Air Conditioning	300,000					300,000
New Public Safety Fire/Police/Comm Complex				150,000		150,000
Hydrant Adapters 5" Sexless Couplings		172,500				172,500
Roof Replacement Fire Station 1	102,000					102,000
Field Operations Facility Plan Phase 2		1,350,000				1,350,000
Field Operations Facility Plan Phase 3			2,887,500			2,887,500
Special Events Pavillion	200,000					200,000
Main Street Master Plan	6,740,000					6,740,000
Bicycle Master Plan Implementation	550,000	550,000	550,000	550,000	550,000	2,750,000
Urban Greenway Implementation	775,000	885,000	885,000	1,110,000	1,110,000	4,765,000
Beaverdam Creek Bulkhead Replacement			210,000	2,095,500		2,305,500
Bridge Maintenance	162,000					162,000
Street Scaping	206,000	413,000	165,200	227,000		1,011,200

Detail Project List by Funding Source

Page 3 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
Contributions						
Bobcat Exhibit	54,000					54,000
North American Ducks - Exhibit Improvements	54,000					54,000
Red Wolf Building Improvements	45,000					45,000
New Public Safety Fire/Police/Comm Complex	395,000					395,000
Apparatus Replacement Rescue 16				200,000		200,000
Apparatus Replacement Tanker 1		400,000				400,000
Personal Protective Equipment Body Armor	70,000					70,000
Jasmine Drive		600,000				600,000
Jasmine Drive to Rt 13 Connector Road		100,000	700,000			800,000
Culver Road				210,000	1,576,000	1,786,000
Lease Purchase						
Dump Truck	165,000					165,000
Patrol Vehicles	690,000	575,000	575,000	575,000	575,000	2,990,000
CID Vehicles	63,000	63,000	63,000	63,000	63,000	315,000
Apparatus Replacement Dive Unit				350,000		350,000
Apparatus Replacement - Rescue 16				775,000		775,000
Staff Vehicle Replacement	180,000					180,000
Replacement of Self Contained Breathing Apparatus		875,000				875,000
Apparatus Replacement EMS Units			1,200,000			1,200,000
Excavator Mid Size	108,000					108,000
Automated Refuse Truck	275,000					275,000
Street Sweeper	225,000					225,000
General Fund Total	15,688,150	7,963,500	9,031,700	8,027,500	6,989,000	47,699,850
<u>Parking Authority Fund</u>						
Enterprise Fund Revenue						
Resurfacing Parking Lot 7/13	35,000	30,000				65,000
Lease/Purchase						
Parking Garage Street Sweeper		60,000				60,000
Parking Division Vehicle	25,000					25,000
Parking Authority Fund Total	60,000	90,000	0	0	0	150,000

Detail Project List by Funding Source Page 4 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
Marina Fund						
General Revenues						
Marina Fund Total	0	0	0	0	0	0
<u>Stormwater Fund</u>						
Enterprise Fund Revenue						
Total Maximum Daily Load Compliance Schedule	200,000	200,000	200,000	200,000	200,000	1,000,000
Beaglin Park Dam Improvements		22,000				22,000
East Main Street Storm Drains at Burnett Wise	160,000					160,000
Grants						
Total Maximum Daily Load Compliance Schedule	200,000	200,000	200,000	200,000	200,000	1,000,000
Bonded Debt						
Beaglin Park Dam Improvements			165,000			165,000
Stormwater Fund Total	560,000	422,000	565,000	400,000	400,000	2,347,000
<u>Water Works Fund</u>						
Enterprise Fund Revenue						
Restore Park Well Field	171,000	175,000	180,000	183,000	189,000	898,000
Restore Paleo Well Field			211,000	217,000		428,000
Filter Replacement Project			300,000			300,000
Park Well Field Raw Water Main & Valve Rplc	67,000	551,000				618,000
Park Water Treatment Plant Roof Improvements	28,000					28,000
Park Water Treatment Plant Electrical Gear Replacement	245,000					245,000
Nitrate Monitoring and Study		105,000				105,000
Park Plant Flow Meter Replacement	70,000					70,000

Detail Project List by Funding Source Page 5 of 5

Program	Fiscal Year					Program Total
	FY19	FY20	FY21	FY22	FY23	
Replace Distribution Piping and Valves	100,000	100,000	100,000	100,000	100,000	500,000
Elevated Water Tank Maintenance	265,200			106,200		371,400
Automated Metering Infrastructure			250,000		1,500,000	1,750,000
Sewer Infiltration & Inflow Remediation	450,000	550,000	500,000	500,000		2,000,000
Southside Pump Station Force Main		100,000				100,000
WWTP Outfall Inspection and Repairs			76,500			76,500
WWTP Local Limits Study	25,000	50,000				75,000
Bonded Debt						
Automated Metering Infrastructure				1,500,000		1,500,000
WWTP Materials Warehouse and Security Building	200,000					200,000
Pump Stations Improvements	230,000		2,550,000			2,780,000
Pump Station Building Improvements	325,000					325,000
Park Water Treatment Plant Roof Improvements		178,000				178,000
Glen Avenue Lift Station		1,250,000				1,250,000
Filter Replacement Project				3,000,000		3,000,000
Park Aerator Building Improvements		80,000				80,000
Water Impact Fund						
Tank and Reservoir Mixing System		86,000				86,000
Water Works Fund Total	2,176,200	3,225,000	4,167,500	5,606,200	1,789,000	16,963,900



Mayor

Department: Mayor

Dept. Summary

Project	Fiscal Year					Project Total
	FY19	FY20	FY21	FY22	FY23	
City Hall Space Study	0	0	0	0	0	0
Fiscal Year Total	0	0	0	0	0	0
Funding Sources	Fiscal Year					Source Total
	FY19	FY20	FY21	FY22	FY23	
General Revenues	0	0	0	0	0	0
Enterprise Fund						0
Grants						0
Bonded Debt						0
Bonded Debt/Capacity Fees						0
Lease Purchase						0
Capital Project Fund						0
Contribution/Donations						0
In-Kind Services						0
Project	\$0	\$0	\$0	\$0	\$0	\$0
Fiscal Year Total	\$0	\$0	\$0	\$0	\$0	\$0



Procurement

Department: Procurement

Dept. Summary

Project	Fiscal Year					Project Total
	FY19	FY20	FY21	FY22	FY23	
GOB Upgrades & Improvements	10,000	0	0	0	0	10,000
Energy Savings Investments	1,200,000	0	0	0	0	1,200,000
Fiscal Year Total	\$1,210,000	\$0	\$0	\$0	\$0	\$1,210,000
Funding Sources	Fiscal Year					Source Total
	FY19	FY20	FY21	FY22	FY23	
General Revenues	\$10,000	0	0	0	0	10,000
Enterprise Fund	0	0	0	0	0	0
Grants	0	0	0	0	0	0
Bonded Debt	\$1,200,000	0	0	0	0	1,200,000
Bonded Debt/Capacity Fees	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0
Capital Project Fund	0	0	0	0	0	0
Contribution/Donations	0	0	0	0	0	0
In-Kind Services	0	0	0	0	0	0
Fiscal Year Total	\$1,210,000	\$0	\$0	\$0	\$0	\$1,210,000

Department: Procurement

(FY19): Interior improvements to second floor level's flooring (\$7.5K). Structural and mechanical improvements to elevator (amount unknown by County at time of CIP submittal; inserting a \$10K placeholder in FY19 but work could be considered for FY20 per County).
 (FY20): Interior improvements to basement including painting of the walls and providing a new vinyl floor tile at the carpeting spaces in the Purchasing Department and mail room.

Note: Costs noted are one-half of total estimate (City/County split).



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	10,000					10,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$10,000					\$10,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	17,500	15,000				32,500
Purchase Vehicle/Equipment						
Total Expenses	\$17,500	\$15,000				\$32,500
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	-	-	-	-	-	-



Police



Department: Police

Dept. Summary

Project	Fiscal Year					Project Total
	FY19	FY20	FY21	FY22	FY23	
Water Chiller	300,000	0	0			300,000
Patrol Vehicles	690,000	575,000	575,000	575,000	575,000	2,990,000
CID Vehicles	63,000	63,000	63,000	63,000	63,000	315,000
CID Evidence Veh.	45,000	0	0	0	0	45,000
CAD-RMS Replacement	0	225,000				225,000
Lead Mining	0	0	40,000			40,000
Fiscal Year Total	\$1,098,000	\$863,000	\$678,000	\$638,000	\$638,000	\$3,915,000
Funding Sources	Fiscal Year					Source Total
	FY19	FY20	FY21	FY22	FY23	
General Revenues	45,000	225,000	40,000	0	0	310,000
Enterprise Fund	0	0	0	0	0	0
Grants	0	0	0	0	0	0
Bonded Debt	300,000	0	0	0	0	300,000
Bonded Debt/Capacity Fees	0	0	0	0	0	0
Lease Purchase	753,000	638,000	638,000	638,000	638,000	3,305,000
Capital Project Fund	0	0	0	0	0	0
Contributions/Donations	0	0	0	0	0	0
In-Kind Services	0	0	0	0	0	0
Fiscal Year Total	\$1,098,000	\$863,000	\$678,000	\$638,000	\$638,000	\$3,915,000

Department: Police

Program: Public Safety

Project #: SPD 19-01 Project Title: Water Chiller & Heating and Air Conditioning Systems - Headquarters

Project Description and Location: The Salisbury Police Department's current water chiller and heating and air conditioning systems are eighteen years old and past it's life expectancy. We have been informed by Service Today that the chiller may be non-repairable if a major component goes up. The cost to replace these systems with up dated energy efficient units will be is approximately \$300,000.00.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt	300,000					300,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$300,000					\$300,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment	300,000					300,000
Total Expenses	\$300,000					\$300,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Police

Program: Public Safety

Project #: SPD 19-02 - Project Title: Replace Emergency Police Vehicles

Project Description and Location: SPD has 37 marked patrol vehicles assigned to our Operations Division. 16 of the 37 are assigned as take home. Quite a few of the take home cars are in fair to poor condition. As vehicles age and miles increase costly repairs mount. SPD did not purchase patrol vehicles in FY17. We requested twelve (12) in FY18 and were awarded eight (8). To provide maximum coverage for the City, twelve (12) new patrol vehicles are needed in FY19. SPD is requesting that all twelve of these vehicles be SUV Class 4x4 vehicles. SPD has found that the mid-sized SUV 4x4 allows for ample room for both height and width for fully equipped Police Officers and all associated equipment. The 4x4 also provides for inclement weather conditions and sits a bit higher on the roadway to provide the Officers a tactical advantage. We are requesting six (6) of these vehicles to be caged vehicles. SPD is evaluating all patrol vehicles to expand the number of take home vehicles. There are no vehicles listed for surplus in FY18. Each SUV with equipment is approximately \$55,000.00 (\$60,000.00 w/ security partition). Equipment includes emergency lights, sirens, computer, computer stand, arbitrator in-car camera system, security partition, etc. The total cost for (12) SUV is approximately \$690,000.00. Going forward we will be requesting ten (10) each year.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase	690,000	575,000	575,000	575,000	575,000	2,990,000
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues						
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment						
Total Expenses	\$ 690,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 2,990,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Police

Program: Public Safety

Project #: SPD 19-03 - Project Title: Replace Emergency Police Vehicles

Project Description and Location: SPD requests 3 (3) smaller sedans to continue to replace an aging Criminal Investigations Division fleet. Each sedan with equipment is approximately \$21,000.00. Equipment includes emergency lights, sirens, etc. Department requested 420,000. 315,000 was funded.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase	63,000	63,000	63,000	63,000	63,000	315,000
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues						
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment						
Total Expenses	\$63,000	\$63,000	\$63,000	\$63,000	\$63,000	\$315,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Police

Program: Public Safety

Project #: SPD 19-04 - Project Title: CRIMINAL INVESTIGATIONS DIVISION EVIDENCE PROCESSING SPECIAL PURPOSE VEHICLE:
Project Description and Location: SPD is in need of a Special Purpose Vehicle that would meet the needs of a Crime Scene Investigator. This Special Purpose Vehicle would be designed to store, in an organized fashion, the extensive amount of equipment needed specifically for crime scene processing. Some of these items include but are not limited to: lighting stantions, generator, expandable barricades, photograph equipment, total station processing equipment, computers, GPS devices, etc. Currently SPD does not have a vehicle suitable for this purpose and is in need of a vehicle that can efficiently store evidence processing equipment and quickly respond to crime scenes with all equipment centrally located. The cost for this Vehicle is estimated at \$45,000.00.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	45,000					45,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$45,000					\$45,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment	45,000					45,000
Total Expenses	\$45,000					\$45,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Police

Program: Public Safety

Project #: SPD 20-01 Project Title: CAD/RMS Replacement

Project Description and Location: The current version of the CAD/RMS (Computer Assisted Dispatch / Records Management System) used by the Salisbury Police Department is 15 years old and in need of being replaced. As technology has advanced, newer CAD/RMS software has been improved and offers additional features and functions that the current CAD/RMS software does not offer. The estimated cost to replace the current CAD/RMS software is as follows: The initial start-up cost is estimated at approximately \$225,000 and the Annual Maintenance Costs for the subsequent years is estimated at approximately \$55,000.

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue		225,000				225,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$225,000				\$225,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment		225,000				225,000
Total Expenses		\$225,000				\$225,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Police

Program: Public Safety

Project #: SPD 21-01 Project Title: SPD Range - Lead Mining

Project Description and Location: The berm at the Police Firing Range was last excavated for lead in 2008. The berm needs to have the lead removed again to prevent soil contamination. Over-contamination could lead to safety concerns and environmental damage. A selected contractor will excavate six feet from the face of the berm, screen the lead shot from the excavated soil, recycle the lead and restore the berm to its original condition. The total estimated cost is \$40,000.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue			40,000			40,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$40,000			\$40,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering			40,000			40,000
Construction						
Purchase Vehicle/Equipment						
Total Expenses			\$40,000			\$40,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-



Fire



Department: Fire

Dept. Summary

Funding Sources	Fiscal Year					Source Total
	FY19	FY20	FY21	FY22	FY23	
General Revenues	97,000	0	40,000	0	0	137,000
Enterprise Fund	0	0	0	0	0	0
Grants	0	0	0	0	0	0
Bonded Debt	102,000	172,500	0	150,000	1,800,000	2,224,500
Bonded Debt/Impact Fees	0	0	0	0	0	0
Lease/Purchase	180,000	875,000	1,200,000	1,125,000	0	3,380,000
Capital Project Fund	0	0	0	0	0	0
Contribution/Donations	465,000	400,000	0	200,000	0	1,065,000
In-Kind Services	0	0	0	0	0	0
Fiscal Year Total	\$844,000	\$1,447,500	\$1,240,000	\$1,475,000	\$1,800,000	\$6,806,500

Department: Fire

Program: Public Safety

Project #: FD-09-02 Project Title: New Public Safety Fire Station – North Side
 Project Description and Location: REVISED 01/17/18

The City of Salisbury Fire Department provides fire, rescue, and emergency medical services to approximately 57,000 residents within the department's 90+/- square mile service district. The Department's service demand continues to increase approximately 6-8% annually. The increased residential population and commercial development on the City's north end indicates the need for an additional public safety facility to provide continued effective and efficient service delivery. The new facility will be designed to house an EMS unit and one other capital unit (engine or ladder company) to supplement the Department's current operational profile and to ensure adequate resources to meet the demand for service to the citizens within this area of the fire district. This facility will improve response times and increase service delivery efficiency. Land aquisition for this project would require approximately 2.5 acres. Construction phase pushed at the Mayoral level beyond the current five (5) year C.I.P. program.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt				150,000		150,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation	395,000					395,000
Capacity Fees						
In-Kind Services						
Total Revenues	\$395,000			\$150,000		\$ 545,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate	395,000					395,000
Engineering				150,000		150,000
Construction						
Purchase Vehicle/Equipment						
Total Expenses	\$395,000			\$150,000		\$545,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Project #: FD-11-02 Project Title: Apparatus Replacement– Dive Unit
Project Description and Location: REVISED 01/171/2018

The City of Salisbury Fire Department provides Special Operations services including surface and sub-surface marine operations on the natural water-ways and other natural and manmade land-locked bodies of water within the Salisbury Fire District and to all areas of Wicomico County outside of the Fire District and to other areas of the Eastern Shore when requested. The Department currently maintains a 1992 International 4900 specialized dive response unit equipped with personal protective equipment and other tools and equipment that permits personnel to safely and effectively perform these operations. A newer unit will be specifically designed to ensure adequate storage of tools and equipment. The annual FD apparatus evaluation has found that the current condition of this vehicle is such that it will allow the department to postpone replacement of this vehicle. Continued evaluations will be conducted to identify the best time to replace this unit.

Program: Public Safety



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase				350,000		350,000
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues				\$350,000		\$350,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment				350,000		
Total Expenses				\$350,000		\$350,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-13-01 **Project Title:** Apparatus Replacement– Rescue 16
Project Description and Location: REVISED 01/17/2018

The Department currently operates a 2001 American LaFrance Metropolitan as its primary apparatus to deliver technical rescue services throughout the Salisbury Fire District and other areas when requested. This vehicle is fully equipped with specialized tools and equipment required to deliver various special rescue services including vehicle extrication, confined space entry and rescue, support services for marine surface and subsurface rescue operations, and trench rescue operations. A replacement vehicle is expected to cost approximately \$975,000 (including equipment) with an expected service life of fifteen (15) years. The volunteer corporation (SFD, Inc. – Station #16) will provide substantial financial contributions to purchase the tools and equipment for the project. The Department has developed a systematic vehicle replacement program based on historical data including mileage and condition, repair expenses, and available value after service life. The annual FD apparatus evaluation has found that the current condition of our rescue truck is such that it will allow the department to postpone replacement of this vehicle. Continued evaluations will be conducted to identify the best time to replace this unit.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase				775,000		775,000
Capital Project Fund						
Contribution/Donation				200,000		200,000
Capacity Fees						
In-Kind Services						
Total Revenues				\$975,000		\$975,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment				775,000		\$775,000
Total Expenses				\$200,000		\$200,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-17-01 **Project Title:** Apparatus Replacement– Tanker 1

Project Description and Location: REVISED 01/17/2018

The Salisbury Fire Protection District includes a large area that is in the county and does not have access to municipal water supplies for the purpose of fighting fires when they occur. The department currently operates a 1997 Fire Engine/Tanker that serves primarily as an engine but has a larger water tank (2000 gals.) on it, whereby serving as our only mobile rural water supply whose primary duty is to deliver water to incidents throughout the Salisbury Fire District and other areas when requested. In an effort to improve the ISO rating in the county portion of our fire district, the department must have the ability to provide adequate water to an incident of fire in a timely manner and maintain that water supply for a prolonged period of time. To do this the department has the need to acquire a tanker truck that has the sole and specific function of providing that water supply to those areas we protect. It is proposed that this project be funded utilizing volunteer corporate funds and the revenue generated from the sale of the current Engine 1-1. The volunteer corporation will provide substantial financial contributions to purchase both the apparatus and the tools and equipment for the project.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation		400,000				400,000
Capacity Fees						
In-Kind Services						
Total Revenues		\$400,000				\$400,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment		400,000				\$400,000
Total Expenses		\$400,000				\$400,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-18-02 **Project Title:** Hydrant Adapters - 5" Sexless Couplings
Project Description and Location: Revised 01/17/2018

The project is to purchase 1500 hydrant adapters to change the current 4.5" threaded connection on a fire hydrant to a 5" sexless coupling. The new adapters will be permanently attached to the +/-1500 fire hydrants owned and maintained by the City of Salisbury whose primary use is by the FD for fire suppression. The FD's primary source of water utilized during fire suppression activities comes from large diameter hose (LDH) being connected via an adapter to the 4 1/2" large opening on the front of the City's fire hydrants. The new adapters will ensure that all FDs that come to assist the SFD will be able to connect to our hydrants because of this standardization. Currently municipalities in the county use different size threaded hydrants which require a time consuming adaptation or completely prohibit connections by assisting FDs.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt		172,500				172,500
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	-	\$172,500				\$172,500
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment		172,500				172,500
Total Expenses		\$172,500				\$172,500
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-18-03 **Project Title:** Personal Protective Equipment - Body Armor
Project Description and Location: Revised 01/17/2018

To purchase 75 bullet-proof vests (herein listed as “vests”) to be distributed/stowed on Salisbury Fire Department (SFD) apparatus for use by members responding to incidents where a responder’s safety may be placed in serious jeopardy due to hostile or unknown circumstances, such as where a firearm, edged weapon, or spiked weapon may be involved. Recent incidents involving First Responders in other fire/EMS districts being wounded or killed by civilians, increasing violent crime rates, and an increasing heroin epidemic continue to create environments whereby SFD personnel may be placed more and more in harm’s way. It is desirable to provide SFD personnel with every possible opportunity to improve their safety and to ensure a positive outcome at a given incident. City’s contribution of \$50,000 removed at the Mayoral level.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation	70,000					70,000
Capacity Fees						
In-Kind Services						
Total Revenues	\$70,000					\$ 70,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment	70,000					70,000
Total Expenses	\$70,000					\$ 70,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-19-01 **Project Title:** Telephone System Upgrade at Station #16
Project Description and Location: Created 09/01/17

This project is to replace the current Inacom phone system at Fire Headquarters and Fire Station #16 with a new phone system that is compatible with the rest of the City. The current Inacom system server and phone components are approaching eight (8) years of age and have surpassed the manufacture's warranty. The purchase of replacement phones, service calls and repair work have the potential of becoming costly in the future. The department currently uses a Telewire phone system at our other facilities and have recently entered into a "Partner Protection Plan" service contract with Telewire.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	30,000					30,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$30,000					\$30,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment	30,000					30,000
Total Expenses	\$30,000	\$ -	\$ -	\$ -	\$ -	\$30,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-19-02 Project Title: Automated External Defibrillator (AED)
 Project Description and Location: Created 09/01/17

The City of Salisbury Fire Department has the need to replace 22 existing Automated External Defibrillators (AED) that have reached its end of serviceable life in accordance with manufacture's recommendations of five (5) to eight (8) years. The current model AED has a sealed battery that can not be changed and a software system that is not upgradeable. The National Fire Protection Association (NFPA) Standard 1901 - Standard for Automotive Fire Apparatus requires that all fire apparatus be equipped with "one automatic external defibrillator".



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	27,000					27,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$27,000					\$27,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment	27,000					27,000
Total Expenses	\$27,000					\$27,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-19-03 Project Title: Staff Vehicle Replacement
 Project Description and Location: Created 09/01/17

As a part of its fleet, the City of Salisbury Fire Department operates numerous staff and operational light duty vehicles. These vehicles are generally used five (5) years as a front line service vehicle and then five (5) years as a pool vehicle. The Department has developed a systematic vehicle replacement program based on historical data including mileage and condition, repair expenses, and available value after service life. The age, mileage and increased maintenance required on the current vehicles indicates that they have exceeded their life expectancy. The vehicles included in this project a 1997 Ford Crown Victoria, 2005 Chevrolet Suburban, a 2006 Ford Crown Victoria and a 2007 Ford Crown Victoria.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase	180,000					180,000
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$180,000					\$ 180,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment	180,000					180,000
Total Expenses	\$180,000	\$ -	\$ -	\$ -	\$ -	\$180,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Project #: FD-19-04 Project Title: Roof Replacement - Fire Station #1
Project Description and Location: Created 09/01/17

This project is to replace the existing roof at fire station #1 with a concealed fastener standing seam metal roof. The existing roof covering has started to deteriorate causing several costly repairs due to severe leaks in multiple areas throughout the roof structure and a weakening plywood system. The scope of work will consist of removing the existing shingles and felt underlayment, repairing the deteriorated structure, installing sidewall flashing and covering the entire structure with high temperature ice/water shield. The life expectancy of a concealed fastener standing seam metal roof is considered to be 50 years or more.

Program: Public Safety



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt	102,000					102,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$102,000					\$102,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	102,000					102,000
Purchase Vehicle/Equipment						
Total Expenses	\$ 102,000					\$102,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-19-05 Project Title: Side Scan Sonar
Project Description and Location: Created 01/17/2018

The Department operates a very active dive team and would utilize this equipment to enhance our public safety capabilities in sub surface operations. The unit requested is a towable version, which will allow the unit to be utilized by all SFD marine units. It increases the probability of locating a missing person in the water in a timely manner by allowing members to “view” a large area without having to put divers blindly into the water. This unit will increase diver safety by allowing the area to be scanned prior to diver entry to check for underwater obstructions such as trees, debris etc. The nearest available units for the team to use are currently owned by Maryland Department of Natural Resources and are located on the Western Shore of Maryland. This unit had previously been in the contract to come with Fire Boat 1, however was cut from the budget.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue			40,000			40,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$40,000			\$40,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment			40,000			40,000
Total Expenses			\$40,000			\$40,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-19-06 Project Title: Utility Vehicle (UTV) Medical Transport Unit
 Project Description and Location: Revised 09/01/2017

This project is to purchase two (2) utility vehicles equipped with a medical transport skid unit capable of transporting an EMS crew and a patient strapped to a backboard or loaded in a stretcher stokes basket. This configuration allows the attendant to be with the patient at all times. These vehicles will allow emergency personnel to travel through large crowds (City Festival, National Folk Festival, 3rd Friday, and countless other public events) providing the basics for on scene care and transportation to a wider area of coverage.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	40,000					40,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$40,000					\$40,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment	40,000					40,000
Total Expenses	\$40,000					\$40,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Program: Public Safety

Project #: FD-20-01 **Project Title:** Replacement of Self Contained Breathing Apparatus (SCBA)
Project Description and Location: Revised 09/01/17

The Fire Department has the need to replace existing self-contained breathing apparatus that has reached its end of serviceable life in accordance with the National Fire Protection Association (NFPA) 1981 - Standard on Open-Circuit Self-Contained Breathing Apparatus and OSHA 42 CFR Part 84. The units currently in service are will be fifteen (15) years old in 2021 and cannot be used past this point. The department has attempted to secure funds through the Assistance to Firefighters (AFG) grant on numerous occasions without success. A final attempt to secure these funds through the AFG will be made during the next cycle of grants. However, if not awarded a grant, the City must be prepared to purchase this equipment before it reaches end of life.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase		875,000				875,000
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$875,000				\$875,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment		875,000				875,000
Total Expenses		\$875,000				\$875,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Project #: FD-21-01 Project Title: Apparatus Replacement– EMS Units
Project Description and Location: Revised: 08/01/2017

The City of Salisbury Fire Department provides emergency medical services (EMS) to approximately 57,000 residents who reside within the Department's 90+/- square mile service district. The Department maintains six (6) advanced life support (ALS) equipped transport ambulances. The Department has developed a systematic vehicle replacement program based on historical data including mileage and condition, repair expenses, and available value after service life. This analysis indicates that a maximum service life for these units is five (5) years as a front line service vehicle and an additional five (5) year reserve life expectancy. This project is to purchase (3) vehicles to take advantage of economy of scale and to keep the vehicle standardization for front line EMS units intact for efficiency of service delivery.

Program: Public Safety



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase			1,200,000			1,200,000
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$1,200,000			\$1,200,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment			1,200,000			1,200,000
Total Expenses			\$1,200,000			\$1,200,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Project #: FD-21-02 **Project Title:** New Public Safety Fire Station – East Side
Project Description and Location: Revised 01/17/18

Program: Public Safety



The City of Salisbury Fire Department provides fire, rescue, and emergency medical services to approximately 57,000 residents within the department's 90+/- square mile service district. The Department's service demand continues to increase approximately 6-8% annually. The increased residential population and commercial development on the City's eastside projects a need for an additional public safety facility to provide continued effective and efficient service delivery. The new facility will be designed to house an EMS unit and one other capital unit (engine or ladder company) to supplement the Department's current operational profile and to ensure adequate resources to meet the demand for service to the citizens within this area of the fire district. This facility will improve response times and increase service delivery efficiency. Item pushed at the Mayoral level beyond the current five (5) year C.I.P. program.

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment						
Total Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Project #: FD-22-01 Project Title: Apparatus Replacement– Engine 1 & 2
Project Description and Location: Created 01/17/18

Program: Public Safety



The Department currently operates two (2) 2009 Pierce Velocity Fire Engines as its primary capital apparatus to deliver engine company services throughout the Salisbury Fire District and other areas when requested. These vehicles are fully equipped with specialized tools and equipment required to deliver engine company services including water supply, applying water to extinguish fires, and many other support operations as needed. A replacement vehicle is expected to cost approximately \$800,000 each (excluding equipment) with an expected service life of ten (10) or more years. The Department has developed a systematic vehicle replacement program based on historical data including mileage and condition, repair expenses, and available value after service life. The annual FD apparatus evaluation has found that the current condition of these engines is such that it will allow the department to postpone replacement of these vehicles past the ten (10) years. Continued evaluations will be conducted to identify the best time to replace this unit.

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt					1,800,000	1,800,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues					\$1,800,000	\$1,800,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment					1,800,000	1,800,000
Total Expenses					\$1,800,000	\$1,800,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Fire

Project #: FD-23-01 **Project Title:** Apparatus Replacement– Truck 1 & 2
Project Description and Location: Created 01/17/18

The Department currently operates two 2009 Pierce Velocity Aerial Devices (Quints) as its primary capital apparatus to deliver truck company services throughout the Salisbury Fire District and other areas when requested. These vehicles are fully equipped with specialized tools and equipment required to deliver truck company services including a 75' aerial ladder, multiple size ground ladders, applying water capabilities and many other support operation functions. A replacement vehicle is expected to cost approximately \$950,000 each (excluding equipment) with an expected service life of fourteen (14) or more years. The Department has developed a systematic vehicle replacement program based on historical data including mileage and condition, repair expenses, and available value after service life. Item pushed at the Mayoral level beyond the current five (5) year C.I.P. program.

Program: Public Safety



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment						
Total Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-



Field Operations



Department: Field Operations

Dept. Summary

Project	Fiscal Year					Project Total
	FY19	FY20	FY21	FY22	FY23	
Streets & Highways	273,000	0	0	0	0	273,000
Sanitation - Collection & Disposal	500,000	0	0	0	0	500,000
Resource Management	0	1,350,000	2,887,500	0	0	4,237,500
Parking	60,000	90,000	0	0	0	150,000
Zoo	440,000	225,000	195,000	330,000	30,000	1,220,000
Poplar Hill Mansion	0	30,000	30,000	32,000	75,000	167,000
Fiscal Year Total	\$1,273,000	\$1,695,000	\$3,112,500	\$362,000	\$105,000	\$6,547,500

Department: Field Operations

Dept. Summary

Project	Fiscal Year					Project Total
	FY19	FY20	FY21	FY22	FY23	
General Revenues	87,000	255,000	225,000	362,000	105,000	1,034,000
Enterprise Fund Revenues	35,000	30,000	-	-	-	65,000
Grants	-	-	-	-	-	0
Bonded Debt	200,000	1,350,000	2,887,500	-	-	4,437,500
Bonded Debt/Capacity Fees Paying P&I	-	-	-	-	-	0
Lease / Purchase	798,000	60,000	-	-	-	858,000
Capital Projects	-	-	-	-	-	0
Contributions/Donations	153,000	-	-	-	-	153,000
Capacity Fee	-	-	-	-	-	0
In-Kind Services	-	-	-	-	-	0
Fiscal Year Total	\$1,273,000	\$1,695,000	\$3,112,500	\$362,000	\$105,000	\$6,547,500

Department: Field Operations

Roads and Streets

Equipment Program

Project Title: Excavator- Mid Size

Project # FOSH-18-01

Project Description and Location: John Deere 85G w/ Thumb and Blade

The excavator will be an additional asset for cleaning ditch banks, swales, repairing small asphalt projects, and can be used for other unforeseen needs. This is a rubber-tracked vehicle which can be operated on asphalt resulting in minimal damage to surface treatments. The excavator can be purchased under a NJPA Government Contract.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						-
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase	108,000					108,000
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	\$108,000	-	-	-	-	\$108,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						-
Engineering						-
Construction						-
Purchase Vehicle/Equipment	108,000					108,000
Total Expenses	\$108,000	-	-	-	-	\$108,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Roads and Streets

Project # FOSH-18-04

Project Title: Dump Truck

Project Description and Location: 4x2, 3 Ton Dump Truck

Three-ton dump trucks are used in the Street and Parks department for multiple uses to include hauling of material, plowing and salting City streets. These trucks require specialized equipment and attachments to allow for additional functions. The fleet is monitored for recommended replacements. Several trucks are over 10 years old. S-2 is a 1997 model and has 64,540 miles.

Equipment Program



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						-
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase	165,000					165,000
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$165,000	-	-	-	-	\$165,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment	165,000					165,000
Total Expenses	\$165,000	-	-	-	-	\$165,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Roads and Streets

Project Title: Automated Refuse Truck

Project # FOCD-18-02

Project Description and Location: 2019 Peterbilt w/ Heil 22CU Yard Body w/ Rapid Rail Automated Arms

This purchase will replace SAN-6, a 2011 Peterbilt with 48,000 miles and 7941 hours. With this type of equipment and its use, mileage is not a good indicator of the need for replacement. The truck operates on a designated route 5 days a week and carries a minimum of 7 tons of trash daily. The truck and body can be purchased under a NJPA Government Contract.

Equipment Program



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						-
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase	275,000					275,000
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	\$275,000	-	-	-	-	\$275,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						-
Engineering						-
Construction						-
Purchase Vehicle/Equipment	275,000					275,000
Total Expenses	\$275,000	-	-	-	-	\$275,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Roads and Streets

Project Title: Street Sweeper

Project # FOCD-18-03

Project Description and Location: 2019 International w/Tymco Sweeper Body

The sweeper will replace SS-5, which is a 2007 model with 21,423 miles and 4,438 engine hours on the truck and 2,780 hours on the rear engine. As a general policy, the body of a street sweeper has a life expectancy of 7 to 10 years depending on the manufacturer. The rear engine that operates the sweeping unit has a life expectancy of 6,000 to 8,000 hours. The life of the engines is shorter than some of the other applications due to the dusty and dirty environments. This vehicle operates on a designated route 5 days a week and is a vital part of our MS-4 Permit. The truck and body can be purchased under a NJPA Government Contract. SS-2 will be monitored for replacement in FY21

Equipment Program



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase	225,000					225,000
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$225,000	-	-	-	-	\$225,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment	225,000					225,000
Total Expenses	\$225,000	-	-	-	-	\$225,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Resource Management

General Projects Program

Project #: FORM-18-05A

Project Title: Field Operations Facility Plan

Project Description and Location: Field Operations Facility Plan - Phase 2

Phase 2 Renovations include construction of a 10,000 sq/ft office building on the grounds of the Field Operations Complex. This facility will centralize staff and provide meeting, training, emergency operations and dayroom accommodations. Design will be performed in FY18 with construction planned for FY19.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying		1,350,000				1,350,000
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	-	\$1,350,000	-	-	-	\$1,350,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction		1,350,000				1,350,000
Purchase Vehicle/Equipment						
Total Expenses	-	\$1,350,000	-	-	-	\$1,350,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Resource Management

General Projects Program

Project #: FORM-18-05

Project Title: Field Operations Facility Plan

Project Description and Location: Field Operations Facility Plan - Phase 3

Phase 3 will include the construction of a new 14,000 sq.ft. vehicle maintenance facility to replace the existing 6,400 sq.ft. building. The new facility will allow for the service of more vehicles and will include specialized bays for performing work on larger vehicles. The new building will also provide a larger area for parts storage and office space.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying			2,887,500			2,887,500
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	-	-	\$2,887,500	-	-	\$2,887,500
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering			262,500			262,500
Construction		-	2,625,000			2,625,000
Purchase Vehicle/Equipment	-					-
Total Expenses	-	-	\$2,887,500	-	-	\$2,887,500
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Parking Division

Project # FOPD-18-06

Project Title: Parking Garage Street Sweeper

Project Description and Location: Tennant S20 Compact Mid-sized Ride-on Sweeper

The Parking Division currently owns a 2007 Exterra Mini Street Sweeper. This sweeper is used to maintain the parking garage (both interior and immediate vicinity) and the Downtown Plaza. Maximum trade-in value is 11 yrs of service which is in FY19. This sweeper provides a 50" sweeping path with an 11 cubic foot hopper capacity. It is extremely nimble and is available in a battery, gas, liquid propane, or diesel format.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						\$ -
Enterprise Fund Revenue						\$ -
Grant						\$ -
Bonded Debt						\$ -
Bonded Debt/Capacity Fee Paying						\$ -
Lease/Purchase		60,000				\$ 60,000
Capital Project Fund						\$ -
Contribution/Donation						\$ -
Capacity Fees						\$ -
In-Kind Services						\$ -
Total Revenues	\$ -	\$ 60,000	\$ -	\$ -		\$ 60,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						\$ -
Engineering						\$ -
Construction						\$ -
Purchase Vehicle/Equipment		60,000				\$ 60,000
Total Expenses	\$ -	\$ 60,000	\$ -	\$ -		\$ 60,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						\$ -
Operating Expenses						\$ -
Total Operating Budget	\$ -	\$ -	\$ -	\$ -		\$ -

Department: Field Operations

Parking Division

Parking Enforcement Program

Project # FOPD-18-07

Project Title: Resurfacing Parking Lot 7 & 13

Project Description and Location: Parking Lot Resurfacing - Lot # 7 & 13

Some City-owned surface parking lots require sealing (crack and surface), striping, and concrete bumpers and curbing. This work includes Lot 7 & 13 in FY19 and Lots 4, 5, 9, and 12 in FY20. Future lots to consider are Lot 14, 16, 33 and 35.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						\$ -
Enterprise Fund Revenue	35,000	30,000				\$ 65,000
Grant						\$ -
Bonded Debt						\$ -
Bonded Debt/Capacity Fee Paying						\$ -
Lease/Purchase						\$ -
Capital Project Fund						\$ -
Contribution/Donation						\$ -
Capacity Fees						\$ -
In-Kind Services						\$ -
Total Revenues	\$ 35,000	\$ 30,000	\$ -	\$ -		\$ 65,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						\$ -
Engineering						\$ -
Construction	35,000	30,000				\$ 65,000
Purchase Vehicle/Equipment						\$ -
Total Expenses	\$ 35,000	\$ 30,000	\$ -	\$ -		\$ 65,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						\$ -
Operating Expenses						\$ -
Total Operating Budget						\$ -

Department: Field Operations

Parking Division

Project # FOPD-18-08

Project Title: Parking Division Vehicle

Project Description and Location: 2018 Ford Fusion Hybrid

Hybrid vehicles provide substantially higher efficiency yields than traditional gasoline burning engines. Acquiring this technology aligns with the City's commitment to reduce our environmental footprint. The current vehicle is a 2003 Ford Focus ZX 5 2.0L with 41,860 miles, as of this writing. Considering the stops, slow, and idling cycles, hybrid technology is ideal for deployment in the downtown area.



Parking Enforcement Program

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						-
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase	25,000					25,000
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	\$25,000	-	-	-	-	\$25,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						-
Engineering						-
Construction						-
Purchase Vehicle/Equipment	25,000					25,000
Total Expenses	\$25,000	-	-	-	-	\$25,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Zoo
Project # FOZD-18-09

Project Title: Electrical Transformers

Zoo Program

Project Description and Location: Electrical Transformers

Electrical service for the Zoo is provided through two primary service points. The oldest service on the southeast corner includes pole mounted transformers immediately adjacent to the Andean bear exhibit that then feed underground cables servicing two interior distribution transformers. The exact route of the cables is unknown and the cables are believed to be 40+ years old. This service also supports a waste water pumping station located on Zoo grounds. The utility desires to relocate the primary transformer to a more accessible point outside the Zoo's perimeter and along South Park Drive. The upgrade would require new underground service lines to be installed within the Zoo.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue			50,000	50,000		100,000
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase						-
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	-	-	\$50,000	\$50,000		\$100,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						-
Engineering						-
Construction			50,000	50,000		100,000
Purchase Vehicle/Equipment						-
Total Expenses	-	-	\$50,000	\$50,000		\$100,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Zoo
Project # FOZD-18-10

Project Title: New Admin Office Space - Modular

Zoo Program

Project Description and Location: Modular Office Trailer

Currently Zoo administrative office space is provided by a double-wide modular office trailer. The current facility is significantly degraded with structural problems associated with its flooring, with the alignment of the two modular elements, and with general wear. The unit provides office support for approximately ten staff, houses emergency response supplies including dangerous animal escapes, houses record storage for essential animal records, provides meeting space for staff and other interactions, and provides data processing equipment for multiple staff positions. A cost effective option would be to acquire a similar modular office element and to house (consistent with the Master Site Plan) the office in the same general area. The establishment of the new office space will require the relocation of fiber optic and digital data processing cables and equipment.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue		185,000				185,000
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase						-
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	-	\$185,000				\$185,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						-
Engineering						-
Construction		185,000				185,000
Purchase Vehicle/Equipment						-
Total Expenses	-	\$185,000				\$185,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Zoo

Zoo Program

Project # FOZD-18-11

Project Title: Bobcat Exhibit

Project Description and Location: Bobcat Exhibit

The Salisbury Zoo has traditionally exhibited the North American bobcat as part of its collection. The bobcat exhibit has been converted, consistent with the Master Site Plan, to an aviary space to support the Discover Australia exhibit. Bobcats remain a popular animal that is well suited to inclusion in the Zoo's Delmarva Trail. It is proposed to replace the prior exhibit with a new facility within the Delmarva Trail region.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	6,000					6,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation	54,000					54,000
Capacity Fees						
In-Kind Services						
Total Revenues	\$60,000					\$60,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						-
Engineering						
Construction	60,000					60,000
Purchase Vehicle/Equipment						
Total Expenses	\$60,000					\$60,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Zoo

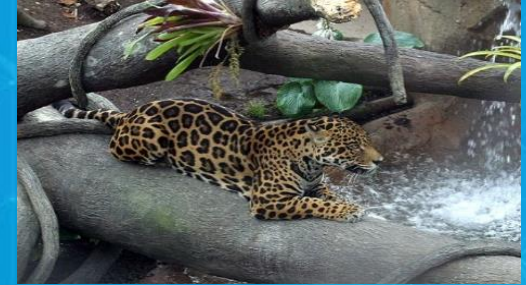
Project # FOZD-18-12

Project Title: Jaguar Exhibit, Phase 1

Project Description and Location: Jaguar Exhibit, Phase 1

Large cats such as lions and tigers are a consistent expectation among Zoo visitors. The Salisbury Zoo responds to this guest preference by presenting the South American large cat-the jaguar. While the Zoo has a good record in the health and husbandry of these animals its current exhibit is undersized, does not present consistent opportunities for staff to provide behavioral enrichment for the cat, and does not provide consistent good quality viewing opportunities for guests. The space provided does not match current industry standards. It is proposed to design a series of phased improvements that would expand the current space by adding integrated "wings" to the current exhibit area. This will allow the improvement to be phased, will support continued exhibition during renovation work, and will support husbandry options to manage multiple specimens within a breeding program.

Zoo Program



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue			15,000	250,000		265,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$15,000	\$250,000		\$265,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						-
Engineering			15,000			15,000
Construction				250,000		250,000
Purchase Vehicle/Equipment						
Total Expenses			\$15,000	\$250,000		\$265,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Zoo

Project # FOZD-18-13

Project Title: N. American Ducks Exhibit Improvements

The North American Duck exhibit occupies a prominent place along the Zoo's main path. It represents a cultural component of importance for this region and originally was supported through the Ward Museum and Foundation. The current facility is suffering from some structural deterioration and is in need of improvements that will support improved animal husbandry and health maintenance. The improvement would create improved viewing opportunities as well better options for exhibit cleaning and disinfection.

Zoo Program



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	6,000					\$6,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation	54,000					\$54,000
Capacity Fees						
In-Kind Services						
Total Revenues	\$60,000					\$60,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	60,000					\$60,000
Purchase Vehicle/Equipment						
Total Expenses	\$60,000					\$60,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Zoo

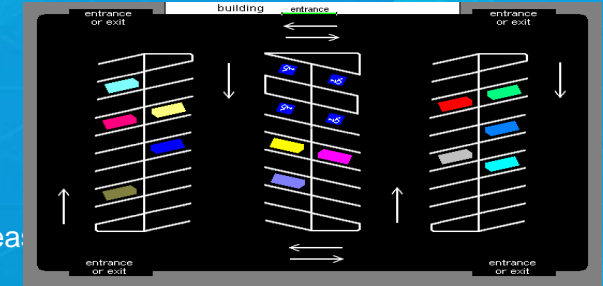
Project # FOZD-18-14

Project Title: East Parking Lot Redesign

Project Description and Location: East Parking Lot Redesign

The East Entrance Gate has traditionally been identified as the main Zoo entrance and is the only parking lot that is designated to serve principally the Zoo. The current lot is readily overwhelmed during the Zoo's busy attendance dates and during special events. Informal observations indicated that the Zoo does turn away potential visitors because of difficulty in finding parking. The current layout contains a confusing configuration for bus traffic and does not seem to make efficient use of the available space. The relationship to overflow parking area is unclear and would benefit from enhanced wayfinding support. The goal would be to increase the net available parking spots, insure compliance with handicap parking requirements, improve the entrancing experience and support parking associated with general park usage.

Zoo Program



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue		10,000	100,000			110,000
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase						-
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	-	\$10,000	\$100,000	-	-	\$110,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering		10,000				10,000
Construction			100,000			100,000
Purchase Vehicle/Equipment						-
Total Expenses		\$10,000	\$100,000	-	-	\$110,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Zoo

Project # FOZD-18-15

Project Title: Special Events Pavilion

Project Description and Location: Special Events Pavilion

Consistent with the approved Master Site Plan construct pavilions along the Wicomico River to support the offering of special event services such as weddings and corporate receptions. Improvement would include water & electric service upgrades. At least two structures with a total covered space of about 2,000 sq. ft. to provide service flexibility for events up to 125 guests. Structures linked by dedicated walkways. Landscape and night lighting to be included. Improvement would also include renovations to existing Zoo washroom areas to provide appropriate event amenities. The facilities would also be configured to support non-revenue Zoo programs such as school group presentations and StoryTime. A more detailed business plan has been developed.

Zoo Program



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						-
Enterprise Fund Revenue						-
Grant						-
Bonded Debt	200,000					200,000
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase						-
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	\$200,000			-	-	\$200,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	10,000					10,000
Construction	190,000					190,000
Purchase Vehicle/Equipment						-
Total Expenses	\$200,000	-	-	-	-	\$200,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Zoo

Zoo Program

Project # FOZD-18-16

Project Title: Pathway Paving

Project Description and Location: Pathway Paving

Major public pathways within the Zoo are worn and heavily patched. This produces an uneven walking surface, low spots that harbor significant amounts of water following rains, and an appearance that does not benefit the Zoo. A multi-phase paving program has been developed that minimizes disruptive impact by spreading the replacement of Zoo pathways over a 5 year period. The program replaces all major pathways and supports the themed trail approach identified in the site Master Plan.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	30,000	30,000	30,000	30,000	30,000	150,000
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase						-
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	30,000	30,000	30,000	30,000	30,000	150,000
Purchase Vehicle/Equipment						
Total Expenses	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Zoo

Zoo Program

Project # FOZD-18-17

Project Title: Red Wolf Building Improvements

Project Description and Location: Red Wolf Building Improvements

The American red wolf exhibit is an iconic component of the Zoo's Delmarva Trail. It presents a unique story about the natural history of this region and is a significant conservation element of the Zoo's programs. The sheltered viewing area that supports both the wolves and the deer will have aged sufficiently to need repairs to sustain its functionality. Additionally modest improvements can allow the space to support a broader range of Zoo activities and more Delmarva Trail appropriate exhibits. A previous modification added viewing of a honey bee hive. Additional improvements could include things such as the State animal-the diamond back terrapin.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	5,000					5,000
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase						-
Capital Project Fund						-
Contribution/Donation	45,000					45,000
Capacity Fees						-
In-Kind Services						-
Total Revenues	\$50,000					\$50,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	50,000					50,000
Purchase Vehicle/Equipment						
Total Expenses	\$50,000					\$50,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Poplar Hill

Project # FOPH-18-18

Title: Exterior Painting

Poplar Hill Mansion



The Mansion's exterior is in need of new paint. This is especially apparent on the sides of the Mansion and the rear. When the Mansion was painted in 2010, not enough coats of paint were added to give the coverage needed to prevent fading. A house painter may need to be hired, but some of this work may be performed by the City's Field Operations engineering staff.

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue		30,000				30,000
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase						-
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	-	\$30,000	-	-	-	\$30,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction		30,000				30,000
Purchase Vehicle/Equipment						
Total Expenses	-	\$30,000	-	-	-	\$30,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Poplar Hill

Project # FOPH-18-19

Title: Grounds Restoration

Poplar Hill Mansion



The Mansion's brick retaining wall, rear walkway, rear patio, and driveway are deteriorating and require repairs for primarily safety issues, including leveling, tamping, and refurbishment. This work will require removing existing surfaces, grading, and reusing existing materials where practical, and replacing them where necessary. Some of this work may be performed by the City's Department Field Operations staff.

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue			30,000			30,000
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase						-
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	-	-	\$30,000	-	-	\$30,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction			30,000			30,000
Purchase Vehicle/Equipment						
Total Expenses	-	-	\$30,000	-	-	\$30,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Poplar Hill

Project # FOPH-18-20

Title: Shutter Replacement

After the Friends received and accepted a Facade Grant during the Spring and Summer of 2010, it was decided that the condition of the shutters is such that only the front (south side) of the Mansion would have shutters until the historically correct design could be acquired. The remaining shutters were rotted and in disrepair after years of no maintenance. The Friends will continue to search for grant funding. Currently most CIP monies have been removed from State & Historical budgets.

Poplar Hill Mansion



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue				\$ 32,000.00		\$ -
Enterprise Fund Revenue						\$ -
Grant						\$ -
Bonded Debt						\$ -
Bonded Debt/Capacity Fee Paying						\$ -
Lease/Purchase						\$ -
Capital Project Fund						\$ -
Contribution/Donation						\$ -
Capacity Fees						\$ -
In-Kind Services						\$ -
Total Revenues			\$ -	\$ 32,000.00		\$ -
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						\$ -
Engineering						\$ -
Construction				\$ 32,000.00		\$ -
Purchase Vehicle/Equipment						\$ -
Total Expenses			\$ -	\$ 32,000.00		\$ -
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Poplar Hill

Project # FOPH-18-21

Title: Front Portico Reconstruction

The Mansion's front porch is in need of replacement. There is currently rot on the posts of the wood and the steps are in need of constant replacement. Originally the house had a covered front portico, which was removed sometime in the 1940s. The front portico should be rebuilt in the manner consistent with the original portico and steps as to maintain the historic integrity of the Mansion. An architect will have to be hired to ensure that the portico is built with today's standards in mind, while maintaining the historic integrity. Professional carpenters will have to be hired and may work with the Department of Field Operations to complete this project.

Poplar Hill Mansion



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue					50,000	\$ 50,000
Enterprise Fund Revenue						\$ -
Grant						\$ -
Bonded Debt						\$ -
Bonded Debt/Capacity Fee Paying						\$ -
Lease/Purchase						\$ -
Capital Project Fund						\$ -
Contribution/Donation						\$ -
Capacity Fees						\$ -
In-Kind Services						\$ -
Total Revenues			\$ -		50,000	50,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						\$ -
Engineering						\$ -
Construction					50,000	\$ 50,000
Purchase Vehicle/Equipment						\$ -
Total Expenses			\$ -	\$ -	50,000	50,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-

Department: Field Operations

Poplar Hill

Project # FOPH-18-22

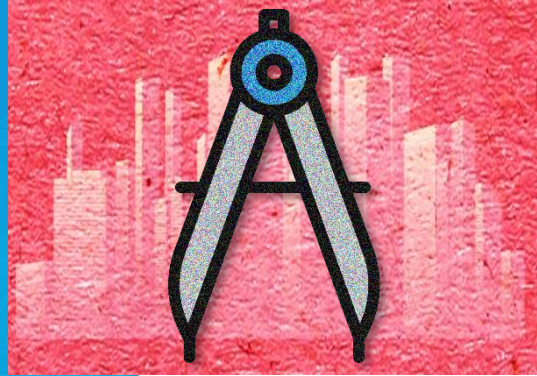
Title: Gazebo and Gardens Restoration

The Friends would like to see the installation of a Gazebo in the northwest corner of the property. Seating could also be installed, such as benches. The addition of garden space, whether with flowers or grass would make the space usable and attractive for private events. This would help in fundraising endeavors for the Mansion. The Friends will search for grant funding and volunteers to assist in construction. Some of this work may be performed by the City's Field Operations engineering staff.

Poplar Hill Mansion



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue					25,000	25,000
Enterprise Fund Revenue						-
Grant						-
Bonded Debt						-
Bonded Debt/Capacity Fee Paying						-
Lease/Purchase						-
Capital Project Fund						-
Contribution/Donation						-
Capacity Fees						-
In-Kind Services						-
Total Revenues	-	-	-	-	\$25,000	\$25,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction					25,000	25,000
Purchase Vehicle/Equipment						
Total Expenses	-	-	-	-	\$25,000	\$25,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	-	-	-	-	-	-



Infrastructure and Development



Department: Infrastructure & Development Dept. Summary

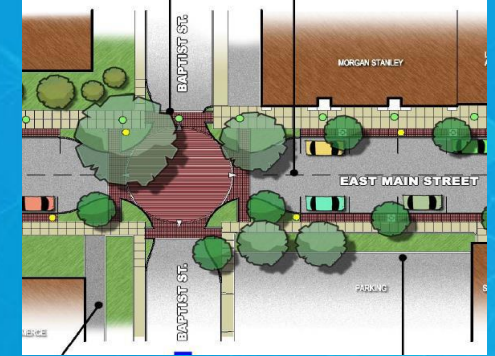
Program	Fiscal Year					Project Total
	FY 19	FY20	FY21	FY22	FY23	
General Projects	9,905,150	1,917,000	2,080,000	4,065,500	1,970,000	19,937,650
Stormwater Management	560,000	422,000	565,000	400,000	400,000	2,347,000
Street Reconstruction	1,256,000	1,363,000	1,165,200	1,277,000	900,000	5,961,200
Bridge Maintenance	162,000	68,000	56,000	0	0	286,000
New Streets	0	700,000	700,000	210,000	1,576,000	3,186,000
Fiscal Year Total	\$11,883,150	\$4,470,000	\$4,566,200	\$5,952,500	\$4,846,000	\$31,717,850
Funding Sources	Fiscal Year					Source Total
	FY 19	FY20	FY21	FY22	FY23	
General Revenues	1,470,000	1,368,000	1,491,000	1,360,000	1,210,000	6,899,000
Enterprise Fund Revenues	360,000	222,000	\$200,000	200,000	200,000	1,182,000
Grant	1,620,150	332,000	\$200,000	200,000	200,000	2,552,150
Bonded Debt	8,433,000	1,848,000	1,975,200	3,982,500	1,660,000	17,898,700
Bonded Debt/Capacity Fees Paying P&I	-	-	-	-	-	0
Lease / Purchase	-	-	-	-	-	0
Capital Project Fund	-	-	-	-	-	0
Contributions/Donations	-	700,000	700,000	210,000	1,576,000	3,186,000
Capacity Fees	-	-	-	-	-	0
In-Kind Services	-	-	-	-	-	0
Fiscal Year Total	\$11,883,150	\$4,470,000	\$4,566,200	\$5,952,500	\$4,846,000	\$31,717,850

Department: Infrastructure & Development

Project Title: Main Street Master Plan (West Main and North Division Street)

The goal of this phased project is to return vibrancy and vitality to downtown and strengthen downtown as a destination for investment and re-investment. The budget for FY19 is for the intersection of Main Street and Division Street, West Main Street (the Plaza) and North Division Street. Construction includes all utility upgrades (water, sewer, stormwater), installation of broadband conduit, and installation of a new traffic signal. All previous CIP projects are included in this one request. Engineering is included for Construction Services and full time Inspection. A \$1M grant was obtained from the State of Maryland. The City has received \$100,000 in grants from Community Legacy for street lights. These two grants are reflected below.

General Projects



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant	1,100,000					1,100,000
Bonded Debt	6,740,000					6,740,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$7,840,000					\$7,840,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	500,000					500,000
Construction	7,340,000					7,340,000
Purchase Vehicle/Equipment						
Total Expenses	\$7,840,000					\$7,840,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

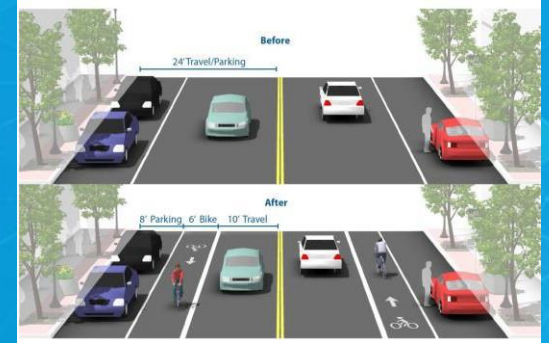
Department: Infrastructure & Development

Project Title: : Bicycle Master Plan Implementation

Implementation of the Bicycle Master Plan to construct new bike lanes and multi-use pathways throughout the City. The total plan implementation was \$4.25 Million. The projects will be coordinated with the development of the Urban Greenway, City Park Master Plan, Streetscaping and Street Reconstruction/Complete Streets projects to provide continuity and efficient route development. It is anticipated that future grants will be able to provide additional project revenue to meet the goals of the Master Plan.

Implementation of the Rails Trails segment of the Master Plan was initiated in FY18 and is projected to be a high priority construction goal in FY19.

General Projects



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt	550,000	550,000	550,000	550,000	550,000	2,750,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$550,000	\$550,000	\$ 550,000	\$550,000	\$550,000	\$2,750,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	50,000	50,000	50,000	50,000	50,000	250,000
Construction	500,000	500,000	500,000	500,000	500,000	2,500,000
Purchase Vehicle/Equipment						
Total Expenses	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$2,750,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

General Projects

Project Title: City Park Master Plan Implementation

Implementation of the City Park Master Plan, which includes over \$5 Million of overall improvements phased over multiple fiscal years. FY18 funds were provided for signage, benches, and trash receptacles. Future phases include the installation of improved lighting, security cameras, landscaping, new trails, restrooms adjacent to the tennis courts, new parking lots, and an ADA ramp from parking to the bandstand. Many proposed improvements in the City Park will need Maryland Historic Trust approval due to the Historic Easement. Each year, projects will be identified for grant applications, including Community Parks & Playground funds. The prioritization of the implementation plan is in progress with the Parks and Recreation Committee.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	275,000	275,000	275,000	275,000	275,000	1,375,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$1,375,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						-
Engineering	25,000	25,000	25,000	25,000	25,000	125,000
Construction	250,000	250,000	250,000	250,000	250,000	1,250,000
Purchase Vehicle/Equipment						-
Total Expenses	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$1,375,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

General Projects

Project Title: Urban Greenway Implementation

Implementation of the Urban Greenway Master Plan to provide a continuous non-vehicular east-west route through the City eventually linking Pemberton Park with the Schumaker Pond Park. The plan identifies 11 Phases of projects, which total \$15.2 Million. FY19 is budgeted for the construction of the South Connection (Phase 2), which includes the Carroll Street cycle track, Camden Pedestrian Bridge, and the Mill Street Bridge Aesthetic improvements.

Future phases in the CIP include design and construction of improvements to the Riverwalk, East Main Street, Marina, Safe Routes to School/Ellegood Street, City Park and Zoo Sections.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt	775,000	885,000	885,000	1,110,000	1,110,000	4,765,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$775,000	\$885,000	\$885,000	\$1,110,000	\$1,110,000	\$4,765,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	75,000	85,000	85,000	110,000	110,000	465,000
Construction	700,000	800,000	800,000	1,000,000	1,000,000	4,300,000
Purchase Vehicle/Equipment						
Total Expenses	\$775,000	\$885,000	\$885,000	\$1,110,000	\$1,110,000	\$4,765,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

General Projects

Project Title: Wayfinding and Signage

Implementation of wayfinding and signage throughout the City to emphasize key destinations, bicycle routes and the Urban Greenway. Signage to comply with new City Branding Manual. Kiosks will be placed around the City for wayfinding. New signs at all City Parks and Playgrounds are included.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	35,000	35,000	35,000	35,000	35,000	175,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	35,000	35,000	35,000	35,000	35,000	\$175,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	35,000	35,000	35,000	35,000	35,000	175,000
Purchase Vehicle/Equipment						
Total Expenses	35,000	35,000	35,000	35,000	35,000	\$175,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

General Projects

Project Title: Salisbury Skatepark - Phase 3

The Skatepark is located at 921 South Park Drive on the edge of the City Park. The specific layout of the park was determined during the design phase of the project, which included input from the local skateboarders. The project is being constructed in three (3) phases.

Phase 1 has been constructed. Phase 2 funds were allocated in FY18.

The City will apply for grant funds from the Community Parks and Playgrounds (CP&P) program for Phase 3, which includes the final remaining 3,000 sq. ft. of skating surface.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant		132,000				132,000
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$132,000				\$132,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction		132,000				132,000
Purchase Vehicle/Equipment						
Total Expenses		\$132,000				\$132,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						\$ -
Operating Expenses						\$ -
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

General Projects

Project Title: Waterside Park Improvements

Two applications for Community Parks & Playgrounds grants for FY19 were submitted in August 2017. The first application included funding for a new parking lot, multi-use playing field and stormwater management. The total grant request was \$120,500. The City would provide a match of \$15,000 for engineering design.

The second application included funding for restrooms with a maintenance building and a pavilion. The total grant request was \$199,650. The City would provide a match of \$15,000 for labor and materials to provide water and sewer services to the property.

FY20 budget is for waterfront access improvements such as a fishing pier.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	30,000	30,000				60,000
Enterprise Fund Revenue						
Grant	320,150					320,150
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$350,150	\$30,000				\$380,150
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	15,000					15,000
Construction	335,150	30,000				365,150
Purchase Vehicle/Equipment						
Total Expenses	\$350,150	\$30,000				\$380,150
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

General Projects

Project Title: Beaverdam Creek Bulkhead Replacement

Replacement of approximately 1,270 linear feet of bulkhead on the north and south sides of the Beaverdam Creek in the City Park upstream of the new tidal dam and in the vicinity of the historic pedestrian bridge. Deterioration of the existing bulkhead wall, wale, and tieback structures became evident in the recent Beaverdam Creek Tidal Dam and Spillway Reconstruction which was completed in Fall 2016. Washouts of land behind the bulkhead walls have become more frequent during flooding events within the Beaverdam Creek. Prior to replacement, engineering design, permitting, and Maryland Historical Trust approval will have to take place in order to design the new structure. Replacement would consist of the removal and subsequent replacement of the existing bulkhead, tiebacks, and concrete cap.



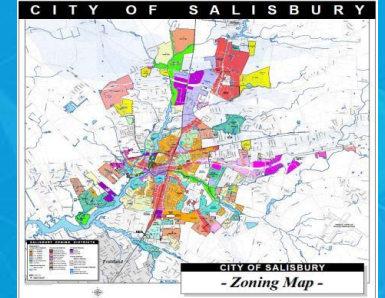
Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt			210,000	2,095,500		2,305,500
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$210,000	\$2,095,500		\$2,305,500
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering			210,000			210,000
Construction				2,095,500		2,095,500
Purchase Vehicle/Equipment						
Total Expenses			\$210,000	\$2,095,500		\$2,305,500
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						\$ -
Operating Expenses						\$ -
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

General Projects

Project Title: Zoning Code Revisions

Comprehensive review and revisions to the City's Zoning Code, and Zoning Map. Revisions will include evaluation and inclusion of recommendations for the Paleochannel District protection per the City's Source Water Protection Report dated August 2013. A goal of the revisions is to transition the zoning code from a focus on use to a focus on form. Funding request of \$125,000 reduced at Mayor's level to \$80,000.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	80,000					\$80,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$ 80,000					\$80,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	80,000					\$80,000
Construction						
Purchase Vehicle/Equipment						
Total Expenses	\$80,000					\$80,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

General Projects

Project Title: River Trash Collectors

Seabin marine waste collectors are floating bins designed to catch floating debris and liquids by sucking water from the surface and letting it flow out through the bottom of the structure. The bin traps waste in a catch bag that can be regularly emptied. The funding request is to purchase six (6) Seabin devices in FY19 and to purchase three (3) additional units per year for the next two years. Their effectiveness will be evaluated prior to purchasing additional units. Note funding reduced to \$25,000 at Mayor's level to fund three (3) units.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue			25,000			25,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$25,000			\$25,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction						
Purchase Vehicle/Equipment			25,000			25,000
Total Expenses			\$ 25,000			\$25,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

General Projects



Project Title: North Prong Park Improvements

Development of a park along the North Prong. Work includes design, land acquisition and construction.

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue		10,000	100,000			\$110,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$ 10,000	\$100,000			\$110,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate		10,000				10,000
Engineering			25,000			25,000
Construction			75,000			75,000
Purchase Vehicle/Equipment						
Total Expenses	-	\$10,000	\$100,000			\$110,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

Stormwater Program

Project Title: Total Maximum Daily Load (TMDL) Compliance

The Watershed Implementation Plan (WIP) developed by Wicomico County as mandated by the State of Maryland in response to Executive Order 13508 outlines the City's responsibilities for compliance with EPA's Chesapeake Bay TMDL. The WIP estimates the cost to comply with the nutrient load reduction will be \$227 million by 2025 for planning, engineering, property acquisition, construction, and maintenance. Through the Stormwater Utility, the City has implemented a citywide GIS based Storm Water infrastructure assessment and management tool to capture and account for existing Best Management Practices (BMP's), identify and evaluate potential improvements, and retrofits. Future costs for implementation will be refined as specific engineering and construction projects are identified.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue	200,000	200,000	200,000	200,000	200,000	1,000,000
Grant	200,000	200,000	200,000	200,000	200,000	1,000,000
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						-
Engineering	75,000	75,000	75,000	75,000	75,000	375,000
Construction	325,000	325,000	325,000	325,000	325,000	1,625,000
Purchase Vehicle/Equipment						-
Total Expenses	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

Stormwater Program

Project Title: Beaglin Park Dam Improvements

The Beaglin Park Dam spillway sluice gate is only accessible by boat. Valve operation can be treacherous and therefore is rarely done. As a result, the existing gate is not regularly exercised as needed and can be very difficult to operate. If the sluice gate was more readily accessible, it could be exercised as needed and its usable lifespan extended. This project includes design and construction of a safe access to the spillway sluice gate for this purpose.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue		22,000				22,000
Grant						
Bonded Debt			165,000			165,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$22,000	\$165,000			\$187,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering		22,000				22,000
Construction			165,000			165,000
Purchase Vehicle/Equipment						
Total Expenses		\$22,000	\$ 165,000			\$187,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development Stormwater Program

Project Title: East Main Street Storm Drains at Burnett White

Install 36" reinforced concrete pipe storm drain system to include necessary inlets and manholes to provide runoff relief at low point on East Main Street at Burnett White. The proposed storm drain system will be from the low point on East Main Street to Snow Hill Road. In addition, this project will provide runoff relief to the Go-Getters property and provide a means of outfall across East Main Street to inlets off of Snow Hill Road and discharge into Wicomico River East Branch. The area is prone to flooding during rain events. Funding for design was provided in FY17.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue	160,000					60,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$160,000					\$160,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	160,000					160,000
Purchase Vehicle/Equipment						
Total Expenses	\$160,000					\$160,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

Street Reconstruction

Project Title: Citywide Concrete Program

The Citywide Concrete Program funds the City's curb, gutter, and sidewalk replacement policy. This fund includes repair/replacement of selected curb, gutter, sidewalk, and miscellaneous concrete work throughout the City due to condition and utility excavations, and replacement of handicap ramps that do not meet current ADA requirements. Work under this program is coordinated with the Street Reconstruction Program, as well as the Utility Division work.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	100,000	100,000	100,000	100,000	100,000	500,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	100,000	100,000	100,000	100,000	100,000	500,000
Purchase Vehicle/Equipment						
Total Expenses	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

Street Reconstruction

Project Title: Citywide Street Repairs

Annual Citywide Street Repair includes hot mix asphalt street patching, cutting out and repairing street sections, pothole repair, water/sewer repairs, crack sealing, and micro surfacing. The objective of the Street Repair program is to extend the life of existing roadways and provide a safer, more uniform driving surface.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	100,000	100,000	100,000	100,000	100,000	500,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	100,000	100,000	100,000	100,000	100,000	\$500,000
Purchase Vehicle/Equipment						
Total Expenses	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development Street Reconstruction

Project Title: Citywide Street Reconstruction

The City mills and paves streets each year based on age and condition. Resurfacing of a roadway is considered a modification to the roadway, thus fall under ADA Accessibility Guidelines. The cost for the ADA upgrades have been added to the streets, including sidewalk modifications and handicap ramps, etc. Streetscaping is included in each fiscal year to account for Complete Street initiatives including lighting improvements, bike routes, landscaping, or signage, as appropriate. The streets for FY19 thru FY23 are shown on the attached sheets. The condition code for each street is also listed and ranges from 1 (minimal maintenance) to 6 (high maintenance needed).



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	850,000	750,000	800,000	800,000	700,000	3,900,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$850,000	\$750,000	\$800,000	\$800,000	\$700,000	\$3,900,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	850,000	750,000	800,000	800,000	700,000	3,900,000
Purchase Vehicle/Equipment						
Total Expenses	\$850,000	\$750,000	\$800,000	\$800,000	\$700,000	\$3,900,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						\$ -
Operating Expenses						\$ -
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development Street Reconstruction

Project Title: Citywide Street Reconstruction FY19 Streets

The condition code ranges from 1 (minimal maintenance) to 6 (high maintenance needed).

Proposed Road	Paving Limits	Condition Code	Total Estimated Cost
Northwood Drive (Phase 1)	500ft S of Kiley Dr to W Gordy Road	5	\$153,100
Newton Street	Camden Avenue to Waverly Drive	5	\$22,850
Middle Neck Drive (Phase 1)	Deborah Drive to Lochwood Circle	6	\$60,260
Harbor Pointe Drive (Includes portion of Bell Island trail)	Pemberton to End	5	\$86,360
College Avenue	Riverside Drive to Rt. 13	5	\$73,150
Riverside Drive	South Blvd. to City Limit (south)	5	\$101,380
Middle Neck Drive (Phase 2)	Lochwood Circle to Hammond Drive	6	\$55,060
South Park Drive (Phase 2) Includes Portions of Beaverdam Drive	Memorial Plaza to Beaverdam Drive	5	\$114,950
South Blvd.	Hanover Street to Riverside Road	5	\$70,080
Federal Street (Tied to South Blvd.)	Pennsylvania Avenue to Monticello Avenue	2	\$20,980
Logan Street (Tied to South Blvd.)	South Blvd. to Monticello Avenue	5	\$17,260
Streetscaping 15%			\$116,315
			\$891,745

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	850,000					\$850,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$850,000					\$850,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	850,000					850,000
Purchase Vehicle/Equipment						
Total Expenses	\$850,000					\$ 850,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development Street Reconstruction

Project Title: Citywide Street Reconstruction FY20Streets

The condition code ranges from 1 (minimal maintenance) to 6 (high maintenance needed).

Proposed Road	Paving Limits	Condition Code	Total Estimated Cost
Arlington Road	Northwood Drive to Rt. 13	5	\$49,900
Alexander Road	Northwood Drive to Rt. 13	5	\$67,540
Center Street	Newton Street to S. Division Street	6	\$23,880
Decatur Avenue	Johnson Street to N. Division Street	4	\$56,170
E. Railroad Avenue	E. Church Street to Barclay Street	5	\$54,340
Handy's Meadow	Harbor Pointe Dr to Cul-de-Sac	4	\$75,200
Pemberton Drive (Phase 1)	Culver Road to Riverhouse Drive (West Entrance)	5	\$69,190
Pemberton Drive (Phase 2)	City Portion between Diamondback Drive & Strawberry Ln.	5	\$22,550
Pemberton Drive (Phase 3)	Sleepy Hollow Dr to 175 east of Strawberry Ln.	5	\$67,570
Roger Street	Lincoln Avenue to College Avenue	5	\$120,710
Van Buren Street	S. Division Street to Roger Street	5	\$21,400
Wayne Street/Power Street	Milford St around corner to S. Div St	5	\$62,610
Streetscaping		N/A	\$58,940
			\$750,000

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue		750,000				750,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$750,000				\$750,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction		750,000				750,000
Purchase Vehicle/Equipment						
Total Expenses		\$750,000				\$750,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

Street Reconstruction

Project Title: Citywide Street Reconstruction FY21 Streets

The condition code ranges from 1 (minimal maintenance) to 6 (high maintenance needed).

Proposed Road	Paving Limits	Condition Code	Total Estimated Cost
Anne Street	E Railroad Ave to E Church Street	5	\$33,380
Baker Street	E. Railroad Ave to Naylor Street	5	\$40,710
Barclay Street	E. Railroad Avenue to Church Street	5	\$35,000
Benny Street	Naylor St to Truitt Street	4	\$52,640
Northwood Drive (Phase 2)	W. Gordy Rd to Arlington Road	4	\$155,500
Lake Street	Isabella Street to Booth Street	5	\$80,900
Olive Street	Rt 13 to N. Division Street	4	\$23,410
W. Chestnut	N. Division to Mill Street	5	\$19,430
E. Chestnut	N. Division to Poplar Hill Avenue	5	\$21,230
Riverside Drive	South Blvd. to Carroll Street	5	\$96,110
South Park Drive (Phase 3) Includes Parking Area	Beaverdam Drive to Snow Hill Road	3 to 4	\$178,380
Streetscaping		N/A	\$63,310
			\$800,000

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue			800,000			800,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$800,000			\$800,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction			800,000			800,000
Purchase Vehicle/Equipment						
Total Expenses			\$800,000			\$800,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

Street Reconstruction

Project Title: Citywide Street Reconstruction FY22 Streets

The condition code ranges from 1 (minimal maintenance) to 6 (high maintenance needed).

Proposed Road	Paving Limits	Condition Code	Total Estimated Cost
Church Street (Phase 1)	Rt. 13 to Truitt Street	4	\$122,740
Armstrong Parkway	Naylor Mill Road to Marvel Road	5	\$96,670
Buena Vista Avenue	Quincy Street to Park Heights Avenue	5	\$68,650
Church Street (Phase 2)	Truitt Street to Old Ocean City Road	4	\$90,340
Edgewater Drive	N. Schumaker Drive to Bayshore Drive	4	\$45,510
Lincoln Avenue	Eastern Shore Drive to City Limit	5	\$107,150
Riverside Road	Riverside Drive to Wilkins Street	4	\$66,740
Short Street	Barclay Street to Elizabeth Street	4	\$24,890
Industrial Parkway	Marvel Road to Beam Street	5	\$89,730
Streetscaping		N/A	\$87,580
			\$800,000

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue				800,000		800,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues				\$800,000		\$800,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction				800,000		800,000
Purchase Vehicle/Equipment						
Total Expenses				\$800,000		\$800,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						\$ -
Operating Expenses						\$ -
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development Street Reconstruction

Project Title: Citywide Street Reconstruction FY23 Streets

The condition code ranges from 1 (minimal maintenance) to 6 (high maintenance needed).

Proposed Road	Paving Limits	Condition Code	Total Estimated Cost
Sumac Circle	Baccharis Drive to Cul-de-Sac	5	\$46,570
North Park Drive (Incl. portions of Beaverdam Dr on south side of road)	E. Main Street to Beaverdam Drive	5	\$51,140
North Park Drive (Includes portions of Memorial Plaza)	Hillside Dr to Memorial Plaza	5	\$41,600
Delaware Avenue	Rt. 50 to City Limit (Excluding recently paved portions)	5	\$139,160
Prince Street (Includes short area east of Spring Avenue)	Eastern Shore Drive to Roger Street	3 to 6	\$82,240
Marvel Road	Scenic Drive to Darwin Drive	5	\$133,550
Park Avenue	W. Chestnut to Oakdale Road	3	\$42,550
Milford Street	Rt 13 to S. Division Street	3	\$75,870
Streetscaping		N/A	\$87,320
			\$700,000

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue					700,000	700,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues					\$700,000	\$700,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction					700,000	\$700,000
Purchase Vehicle/Equipment						
Total Expenses					\$700,000	\$700,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						\$ -
Operating Expenses						\$ -
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development Street Reconstruction

Project Title: Street Scaping

Streetscaping improvements are being proposed for the following streets phased over a four year period: Carroll Street FY19, Mill Street and Fitzwater Street FY20, South Division Street and East Market Street FY21, West Market Street and Parsons Road FY22. Streetscaping improvements include adding new street lights, landscaping, crosswalks, benches, trash cans and bike racks.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt	206,000	413,000	165,200	227,000		1,011,200
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$206,000	\$413,000	\$165,200	\$227,000		\$1,011,200
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	51,500	103,000	41,200	62,000		257,700
Construction	154,500	310,000	124,000	165,000		753,500
Purchase Vehicle/Equipment						
Total Expenses	\$206,000	\$413,000	\$165,200	\$227,000		\$1,011,200
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development Street Reconstruction

Project Title: Eastern Shore Drive Signal Warrant Analysis

In FY16, the Salisbury/Wicomico Metropolitan Planning Organization (MPO) contracted a Corridor Study along Eastern Shore Drive between Milford Street and Carroll Street. A recommendation of the study was to improve the intersection of Eastern Shore Drive and Carroll Street with a traffic signal. Prior to installing a signal, a signal warranty analysis is needed. The analysis needed to evaluate the need and feasibility of a traffic signal is proposed for FY22.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue				50,000		50,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues				\$50,000		\$50,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering				50,000		50,000
Construction						
Purchase Vehicle/Equipment						
Total Expenses				\$50,000		\$50,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

Bridge Maintenance

Project Title: Bridge Maintenance

Bridge Inspections reports for the City's six bridges are obtained on a 2-year cycle. Inspections are performed on the bridges at Mill Street, Circle Avenue, South Division Street, Naylor Mill Road, Memorial Plaza Drive and Beaglin Park Drive. The 2016/2017 bridge inspections reports identified necessary repairs to each bridge. The FY19 repairs include urgent/high priority items, SHA compliance items, pile protection and cleaning/painting. Urgent items include repair spalling concrete. Similar repairs on multiple bridges are grouped together in fiscal years so that one Vendor can be hired to perform similar work at multiple sites. Funds requested are for repairs and construction only.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue		68,000	56,000			124,000
Enterprise Fund Revenue						
Grant						
Bonded Debt	162,000					162,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$162,000	\$68,000	\$56,000			\$286,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	162,000	68,000	56,000			286,000
Purchase Vehicle/Equipment						
Total Expenses	\$162,000	\$68,000	\$56,000			\$286,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

Project Title: Jasmine Drive

Jasmine Drive will be built to support new development in that area. The project will be funded by cost sharing with developers. If the City builds the road in advance of new development, then the City will seek reimbursements from future developments for the construction cost of the road. Design was budgeted in FY18 using developer contributions received to date.

New Streets



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation		600,000				600,000
Capacity Fees						
In-Kind Services						
Total Revenues		\$600,000				\$600,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction		600,000				600,000
Purchase Vehicle/Equipment						
Total Expenses		\$600,000				\$600,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

New Streets

Project Title: Jasmine Drive to Rt. 13 Connector Road

The Connector Road between Jasmine Drive and Route 13 will be built to support new development in that area. The project will be funded by cost sharing with developers. If the City builds the road in advance of new development, then the City will seek reimbursements from future developments for the construction cost of the road. The estimated donation of \$272,000 is based on the cost share for a proposed development which is located on the connector road.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation		100,000	700,000			\$800,000
Capacity Fees						
In-Kind Services						
Total Revenues		\$100,000	\$700,000			\$800,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering		100,000				100,000
Construction			700,000			700,000
Purchase Vehicle/Equipment						
Total Expenses		\$100,000	\$700,000			\$800,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Infrastructure & Development

New Streets

Project Title: Culver Road

Culver Road is an existing unstabilized City street that connects Nanticoke Road to Pemberton Drive. Build out of proposed developments along Pemberton Drive will cause the amount of vehicular traffic use to increase on Culver Road. The proposed project will serve to upgrade the street to City standards and will be funded through Developers. The construction costs include installing a 24-foot roadway with curb, gutter and storm drains. Pending receipt of additional funds, design is proposed in FY22 and construction following in FY23.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation				210,000	1,576,000	1,786,000
Capacity Fees						
In-Kind Services						
Total Revenues				\$210,000	\$1,576,000	\$1,786,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering				210,000		210,000
Construction					1,576,000	1,576,000
Purchase Vehicle/Equipment						
Total Expenses				\$210,000	\$1,576,000	\$1,786,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Water Works



Department: Water Works

Dept. Summary

Program	Fiscal Year					Project Total
	FY 19	FY20	FY21	FY22	FY23	
Water Distribution Maintenance	365,200	100,000	350,000	1,706,200	1,600,000	4,121,400
Water Distribution Expansion	0	0	0	0	0	0
Wastewater Collection Maintenance	680,000	650,000	3,050,000	500,000	0	4,880,000
Wastewater Collection Expansion	0	1,250,000	0	0	0	1,250,000
Treat Wastewater	225,000	50,000	76,500	0	0	351,500
Fleet Management - Water and Sewer	0	0	0	0	0	0
Fiscal Year Total	\$2,176,200	\$3,225,000	\$4,167,500	\$5,606,200	\$1,789,000	\$16,963,900

Funding Sources	Fiscal Year					Source Total
	FY 19	FY20	FY21	FY22	FY23	
General Revenues	-	-	-	-	-	0
Enterprise Fund Revenues - Water & Sewer	1,851,200	2,881,000	4,167,500	1,106,200	1,789,000	11,794,900
Grants	-	-	-	-	-	0
Bonded Debt	325,000	258,000	-	4,500,000	-	5,083,000
Bonded Debt/Capacity Fees Paying P&I	-	-	-	-	-	0
Lease / Purchase	-	-	-	-	-	0
Capital Project Fund	-	-	-	-	-	0
Capacity Fees	-	-	-	-	-	0
Contributions/Donations	-	-	-	-	-	0
In-Kind Services	-	-	-	-	-	0
Water Impact Fund	-	\$86,000	-	-	-	86,000
Fiscal Year Total	\$2,176,200	\$3,225,000	\$4,167,500	\$5,606,200	\$1,789,000	\$16,963,900

Department: Water Works

Water Production Maintenance

Project #: WP0012

Project Title: Restore Park Well Field

Project Description and Location:

The Park well field runs from the Main Street Water Plant to Beaglin Park Drive and includes eight active wells. This project includes the redevelopment of each well over a five year period. In order to ensure that well production is maximized, the redevelopment program will continue so that 1-2 wells are scheduled to be redeveloped each year. Redevelopment clears the well screen of encrusted minerals and ensures maximum water production. Construction costs assume the replacement of the pumps, pump column, motor, cable, and check valve. Keeping these wells on a regular maintenance schedule reduces equipment failure, reduces electricity costs and improves water production.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue	\$171,000	\$175,000	\$180,000	\$183,000	\$189,000	\$898,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$171,000	\$175,000	\$180,000	\$183,000	\$189,000	\$898,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	35,000	35,000	36,000	36,000	36,000	178,000
Construction	136,000	140,000	144,000	147,000	153,000	720,000
Purchase Vehicle/Equipment						
Total Expenses	\$171,000	\$175,000	\$180,000	\$183,000	\$189,000	\$ 898,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Water Production Maintenance

Project #: WP0025

Project Title: Restore Paleo Well Field

Project Description and Location:

There are two wells which serve the Paleo Water Treatment Plant. Well 2 redevelopment was funded in FY16 and Well 1 redevelopment in FY17. As the well screens become encrusted due to minerals in the aquifer, the efficiency of the well decreases. When the well is redeveloped, the well screen and the gravel pack are cleaned by impulse generation and other mechanical means. Additionally, the pumps, pump column, motor, cable, and check valve are replaced if needed. Should either of these wells go out of service, the City becomes reliant on the one remaining Paleo well and the ability of the City to meet the water supply demands becomes jeopardized. Redevelopment will be budgeted for every five years. Well 2 is targeted for FY21 and Well 1 for FY22.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue			211,000	217,000		428,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$ 211,000	\$217,000		\$428,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering			47,000	48,000		95,000
Construction			164,000	169,000		333,000
Purchase Vehicle/Equipment						
Total Expenses			\$211,000	\$217,000		\$428,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Project #: WP0037

Project Title: Filter Replacement Project

Water Production Maintenance

Project Description and Location:

The existing Paleo filters were installed in 1976 and are at the end of their useful life. The filters were re-bedded in 2012. Inspection at that time predicted possibly 10 more years of life for the filters. The filters also contain an asbestos pipe on the interior. The pipe was believed to be in good condition in 2012 but MDE may see that differently in the future. Pressure filters typically have a useful life of 30 years, but due to the relatively low pressures through those filters, they have exceeded the typical life expectancy. Because of structural and piping constraints within the plant, it is not cost effective to replace the filters in the current building. Instead a new wing of 8 filters is proposed once tie in is complete thee existing filters can be taken out of service and the filter room can be used for future expansion needs of the plant.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						300,000
Grant						
Bonded Debt				3,000,000		3,000,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$300,000	\$3,000,000		\$3,300,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering			300,000			300,000
Construction				3,000,000		3,000,000
Purchase Vehicle/Equipment						
Total Expenses			\$300,000	\$3,000,000		\$3,300,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Project #: WP0043

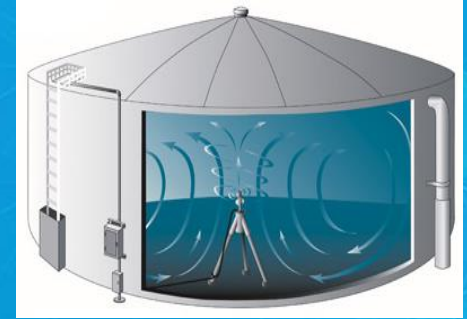
Project Title: Tank and Reservoir Mixing System

Water Production Maintenance

Project Description and Location:

Install water mixing systems in the Paleo Ground Storage Tank, Paleo Reservoir, the Park Reservoir and the Salisbury University tower. The mixing systems will ensure the stability of the chlorine residual in the distribution system; thereby improving water quality and reducing disinfection by-products, per recent regulatory requirement. It is anticipated that the mixing system will be phased in based on the schedule below:

FY20: Park Reservoir and Paleo Reservoir.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$ 86,000				\$ 86,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction		86,000				86,000
Purchase Vehicle/Equipment						
Total Expenses		\$86,000				\$86,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Water Production Maintenance

Project #: WP0044

Project Title: Park Well Field Raw Water Main & Valve Replacement

Project Description and Location:

The raw water main which brings water from the well field to the plant is in need of replacement. A portion of the main closest to the plant was replaced in 2006 due to failure. This project would replace the main, piping and valves to the active wells. The main from the plant to Well 15 is the oldest and believed to be most in need of replacement. The age of the main ranges from 1925-1957. The water master plan (FY14) evaluated the condition of all the pipes and options for replacement or for installation of a parallel main.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue	67,000	551,000				618,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$67,000	\$551,000				\$618,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	67,000					67,000
Construction		551,000				551,000
Purchase Vehicle/Equipment						
Total Expenses	\$67,000	\$551,000				\$618,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Project #: WP0046

Project Title: Park Water Treatment Plant
Roof Improvements

Water Production Maintenance

Project Description and Location:

Park Pump Station and Aerator Building roofs are both 88 yrs old, have expended their full life span and should be replaced in total. Visible signs of failure include sizeable number of missing and cracked tile and noticeable weathering of the remaining tile in place. Tiles have been coming off in high winds. Daylight can be seen through the roof from inside the building. Replacement roofs will have to be true slate to meet Maryland Historical Trust guidelines. These buildings are listed on the Maryland Inventory of Historic Properties as WI-579. The existing gutter and downspout system, installed in 1926, should be replaced with the roof, with a new matching profile copper system meeting MHT guidelines. A 450 square foot lime room with flat roof was added to the Aerator building in 1956. The wood fascia bordering the flat roof is separating and rotted and needs replacing. The lime room flat roof is leaking and needs replacing with a high quality built-up or membrane roof.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						-
Enterprise Fund Revenue	28,000					28,000
Grant						
Bonded Debt		178,000				178,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$ 28,000	\$178,000				\$206,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	28,000					28,000
Construction		178,000				178,000
Purchase Vehicle/Equipment						
Total Expenses	\$28,000	\$178,000				\$206,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Project #: WP0047

Project Title: Pump Station Building Improvements

Water Production Maintenance

Project Description and Location:

Park Pump Station Building is 88 yrs old. The existing windows (6ft by 10ft) have far exceeded their expected lifespan of 50 years. The windows display a lot of cracked and missing glass panes, failing and missing putty glazing, substantial rust and flaking paint. They should be replaced with historically accurate reproduction thermal pane steel windows to match the appearance and design of the originals. Selection must come from manufacturers that specialize in the fabrication of historical reproduction. Replace the north and west entry doors with new thermally efficient reproduction copies in metal or wood. The existing units are not weather-stripped and airtight which result in periodic migration of wind driven rain into the interior of the building. One consequence of this has been rusting of the interior metal floor trench covers from pooling water on the floor.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt	325,000					325,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$325,000					\$325,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	325,000					325,000
Purchase Vehicle/Equipment						
Total Expenses	\$325,000					\$325,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Water Production Maintenance

Project #: WP0048

Project Title: Aerator Building Improvements

Project Description and Location:

The Aerator building was constructed in 1926. This building is listed on the Maryland Inventory of Historical Properties as WI-579. The exterior walls have several large 5ft by 8ft sloped blade wood louvers for ventilation of the aeration process equipment contained within the building. The existence of original lead paint is a concern with repainting. Louvers need to be replaced with new low maintenance commercial grade aluminum units to simulate the appearance and design of the originals. Fixed screen is mounted on the inside of the louvers to combat bird/insect intrusion. Screen should be replaced with a new fine mesh screen. The three exterior doors are also budgeted to be replaced as part of this project.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt		80,000				80,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$80,000				\$80,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering		11,000				11,000
Construction		69,000				69,000
Purchase Vehicle/Equipment						
Total Expenses		\$80,000				\$80,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Water Production Maintenance

Project #: WP0051

Project Title: Park Water Treatment Plant
Electrical Gear

Project Description and Location:

This project consists of Park Water Treatment Plant Electrical Gear reliability improvements. The motor starters for finished water/high service pumps at the Park WTP are reaching the end of their useful life from the standpoint of spare parts availability and serviceability. These pumps are critical to maintaining reliable service and system operation regardless of Park Plant long term operation. The project will result in replacement of a limited number of existing starters (three of the five), and the creation of a limited spare parts inventory for the units that are not replaced. Funding for design was included in the FY18 budget.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue	245,000					245,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$245,000					\$245,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	245,000					245,000
Purchase Vehicle/Equipment						
Total Expenses	\$245,000					\$245,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

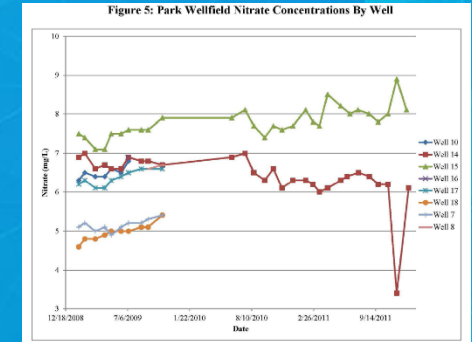
Water Production Maintenance

Project #: WP0052

Project Title: Nitrate Monitoring and Study

Project Description and Location:

The nitrate concentrations in the Park wells exceed 50% of the Maximum Contaminant Levels (MCL) more than 10% of the time. Several point and non-point sources of nitrates exist in the well field. Continuous monitoring would determine if the nitrate levels are increasing and whether treatment is required. The monitoring equipment would be purchased and installed by DPW staff at both water plants (Park and Paleo). Engineering costs are associated with analyzing the data and determining treatment options.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue		105,000				105,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$105,000				\$105,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction		105,000				105,000
Purchase Vehicle/Equipment						
Total Expenses		\$105,000				\$105,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Water Distribution Maintenance

Project #: WP0054

Project Title: Park Plant Flow Meter Replacement

Project Description and Location:

Installation of a new electromagnetic flow meter and precast concrete flow meter vault on the effluent south side of the plant. The current 20" Venturi flow meter is not able to be accurately calibrated. It is not in a meter pit and sits under water in the ground. It is thought to be an original Venturi meter from the 1920's. MDE specifies that all finished water must be metered per our Water Appropriation and Use Permit. A new magmeter could be tied into the plants SCADA system and a meter pit would help to gain easy access for calibration and service. The improved accuracy will also help better track of losses.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue	70,000					70,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$ 70,000					\$ 70,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	70,000					70,000
Purchase Vehicle/Equipment						
Total Expenses	\$70,000					\$ 70,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						-
Operating Expenses						-
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	-

Department: Water Works

Water Distribution Maintenance

Project #: WM0010

Project Title: Replace Distribution Piping and Valves

Project Description and Location:

This project includes replacement of 2-inch and smaller galvanized water mains throughout the system. It is estimated that there is approximately 14,000 feet of 2-inch and smaller water mains. The purpose of the project is to increase pressures, reduce lead connections, and reduce unscheduled water repairs. Additionally, this project will replace water valves that are inoperable. The work will either be completed in house by the Utilities Department or subcontracted to a Utilities Contractor.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue	100,000	100,000	100,000	100,000	100,000	500,000
Enterprise Fund Revenue						
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services	100,000	100,000	100,000	100,000	100,000	500,000
Total Revenues	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	100,000	100,000	100,000	100,000	100,000	500,000
Purchase Vehicle/Equipment						
Total Expenses	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Water Distribution Maintenance

Project #: WM0021

Project Title: Elevated Water Tank Maintenance

Project Description and Location:

Provide inspection and cleaning of the Wor Wic and Salisbury University Elevated Storage Tanks in accordance with AWWA Standards. The inspection includes checking welds, gaskets, coatings, etc. to determine if repairs are required. Items outside of normal maintenance, such as tank painting, are noted separately. Based on the September 2014 tank inspection, painting of the inside and outside of the Wor-Wic tank will need to occur within the next two years. Painting has been budgeted for FY19 for Wor-Wic tank only.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue	265,200			106,200		371,400
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$265,200			\$106,200		\$371,400
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	265,200			106,200		\$ 371,400
Purchase Vehicle/Equipment						-
Total Expenses	\$265,200			\$ 106,200		\$371,400
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						\$ -
Operating Expenses						\$ -
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Water Distribution Maintenance

Project #: WM0022

Project Title: Automated Metering Infrastructure

Project Description and Location:

The City has been studying the replacement of the 10,500 City water meters which have reached the end of their life expectancy. Aging water meters result in more inaccurate water use and higher maintenance. The study also looked at new technology to provide Automated Meter Reading (AMR) and Automated Metering Infrastructure (AMI) to improve the efficiency of collection of data, identify leaks quickly and improve customer service. These systems utilize either a mobile or fixed network of antennas to collect data transmitted by the water meters other than relying on mobile collection of data on a fixed billing schedule. The project proposes design and installation of a pilot network to evaluate the infrastructure due to the significant investment needed. Pending the successful outcome of the pilot program, the meter replacement and network installation would be phased in over a 3 year period. There is an opportunity to apply for State Revolving Funds for green water efficiency to fund the AMI portion of the project.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue			-			
Enterprise Fund Revenue			250,000		1,500,000	1,750,000
Grant						
Bonded Debt				1,500,000		1,500,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$250,000	\$1,500,000	\$1,500,000	\$3,250,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering			250,000			250,000
Construction				1,500,000	1,500,000	3,000,000
Purchase Vehicle/Equipment						
Total Expenses			\$250,000	\$1,500,000	\$1,500,000	\$3,250,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						\$ -
Operating Expenses						\$ -
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Water Collection Expansion

Project #: SL0052

Project Title: Glen Ave. Lift Station

Project Description and Location:

The Glen Avenue Pump Station needs an upgrade to relocate the station out of the road bed to allow safe access for maintenance personnel and facilitate the installation of a crane for pump removal. The project will also provide an emergency backup generator and an updated electrical / SCADA system. The electrical controls for this pump station are located on a pole and can only be accessed via a ladder. This is not a safe method to access or operate the controls.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt		1,250,000				1,250,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$1,250,000				\$1,250,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction		1,250,000				1,250,000
Purchase Vehicle/Equipment						
Total Expenses		\$1,250,000				\$1,250,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

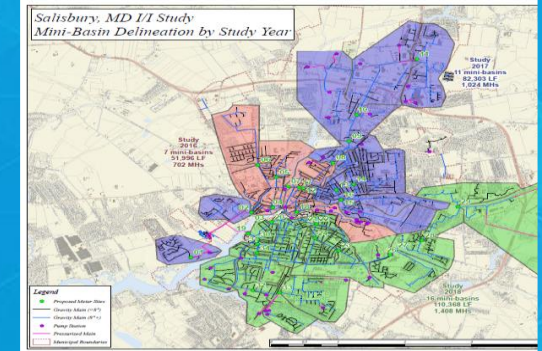
Wastewater Collection Maintenance

Project #: SM0021

Project Title: Sewer Infiltration & Inflow Remediation

Project Description and Location:

The City's sanitary sewer collection system is comprised of approximately 155 miles of sewer mains and 3,200 manholes. In 2015, SPW initiated an Infiltration and Inflow study to identify sources of rainwater and groundwater entering the sewer system. The study divided the sewer system into small mini-basins which are then evaluated through flow monitoring. The system is divided into thirty-four mini-basins. Phase 1 was conducted in 2016 and focused on seven high priority mini-basins consisting of 33 miles of sewer lines and 704 manholes. The areas investigated were in the Northside and central business district with documented high wet weather flows. Funds are requested for additional study and flow monitoring. Construction funds are requested for rehabilitation of manholes and sewer mains per the study recommendations.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue	450,000	550,000	500,000	500,000		2,000,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$450,000	\$550,000	\$500,000	\$500,000		\$2,000,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	150,000	150,000				300,000
Construction	300,000	400,000	500,000	500,000		1,700,000
Purchase Vehicle/Equipment						
Total Expenses	\$ 450,000	\$550,000	\$500,000	\$500,000		\$2,000,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Wastewater Collection Maintenance

Project #: SM0037

Project Title: Pump Station Improvements

Project Description and Location:

In Sept 2014, the City completed a Pump Station Inventory and Assessment Study which prioritized capital improvements needed at the City's fifty (50) pump stations. This project consists of the engineering design and construction for multiple pump stations that are in need of similar improvements, grouped into the categories listed below: 1. Energy Efficiency of Pumps: Five (5) pump stations needs new pumps to increase energy efficiency.

2. Metal Wet Wells: Twelve (12) of the City's pump stations have metal wet wells which are showing signs of rusting and deterioration. The metal wet wells have exceeded their design life and should be programmed for replacement.

3. Bypass Pumping or Backup Power: Thirty-Three pump stations do not have a bypass pumping connection. Twenty-three pump stations do not have backup power. The project will implement bypass pumping connections and/or backup power connections, where feasible and cost effective.

4. Traffic Control Plans: Traffic Controls Plans are needed for access to eleven (11) pumping stations. Traffic Control Plans will be developed that can be used by WWTP staff during routine maintenance and emergencies at these pump stations.

Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt	230,000		2,550,000			2,780,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$230,000		\$2,550,000			\$2,780,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	230,000		150,000			380,000
Construction			2,400,000			2,400,000
Purchase Vehicle/Equipment						
Total Expenses	\$230,000		\$2,550,000			\$2,780,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Wastewater Collection Maintenance

Project #: SM0038

Project Title: Southside Pump Station Force Main

Project Description and Location:

The Southside Pump Station serves approximately 1/3 of the City. The 16-inch diameter force main transmits flow from the Southside Pump Station on Ridge Road, under the River to Marine Road. If the force main were to be damaged or need repair, there is no other way to transmit flow to the WWTP. The force main is >60 years old. This project is to design a redundant force main that would also run under the River. Design and permitting is programmed for FY20.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue		100,000				100,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues		\$100,000				\$100,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering		100,000				100,000
Construction						
Purchase Vehicle/Equipment						
Total Expenses		\$100,000				\$100,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

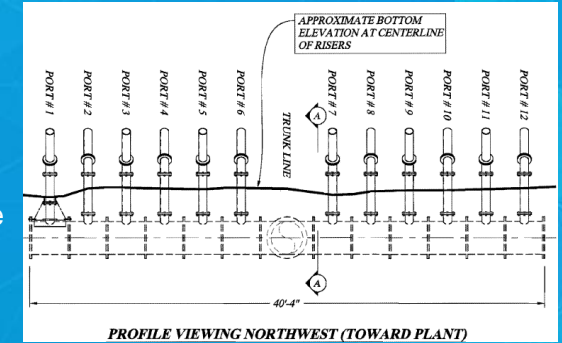
Treat Wastewater

Project #: SP0044

Project Title: WWTP Outfall Inspection and Repairs

Project Description and Location:

The project will entail inspection of the outfall pipe, manifolds and effluent diffusers from the Wastewater Treatment Plant outfall into the Wicomico River. The diffusers were last inspected and maintained in 2000. This work is scheduled to begin following the WWTP Upgrade project. Engineering design and inspection is budgeted for FY21 and construction in subsequent years.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue			76,500			76,500
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues			\$76,500			\$76,500
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering			76,500			76,500
Construction						
Purchase Vehicle/Equipment						
Total Expenses			\$76,500			\$76,500
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Treat Wastewater

Project #: SP0045

Project Title: WWTP Local Limits Study

Project Description and Location:

The EPA requires that WWTPs design their pretreatment local limits based on site-specific conditions. This enables WWTPs to protect its operations and to ensure that its discharges comply with State and Federal requirements. A new Local Limits Study will be required to be performed after the WWTP Upgrade. Data will be collected and evaluated for one year. Testing will occur the year after the evaluation, once a program is established. Since the WWTP upgrade will be completed by December 31, 2017, the study and planning is programmed for FY19. Testing is programmed for FY20.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue	25,000	50,000				75,000
Grant						
Bonded Debt						
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$25,000	\$50,000				\$75,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering	25,000	50,000				75,000
Construction						
Purchase Vehicle/Equipment						
Total Expenses	\$25,000	\$50,000				\$75,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Department: Water Works

Treat Wastewater

Project #: SP0046

Project Title: WWTP Materials Warehouse and Security Building

Project Description and Location:

Perform modifications to the existing materials warehouse, including, adding a bathroom, installing a window, removing old electric panels, and demolishing the old leaking tanks that were used for septage receiving. Additionally, provide a space for an office with a window so that WWTP staff can operate the security gate. This will eliminate the need for the outside security company, which will decrease operating expenses. The construction cost also includes gate modifications and repairs. Design is proposed in FY18 and construction in FY19.



Revenues	FY 19	FY20	FY21	FY22	FY23	Total
General Revenue						
Enterprise Fund Revenue						
Grant						
Bonded Debt	200,000					200,000
Bonded Debt/Capacity Fee Paying						
Lease/Purchase						
Capital Project Fund						
Contribution/Donation						
Capacity Fees						
In-Kind Services						
Total Revenues	\$ 200,000					\$200,000
Expenses	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Procure Real Estate						
Engineering						
Construction	200,000					200,000
Purchase Vehicle/Equipment						
Total Expenses	\$200,000					\$200,000
Operating Budget Impact	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Personnel						
Operating Expenses						
Total Operating Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CITY OF SALISBURY

CAPITAL IMPROVEMENT PLAN

2019 - 2023

