

## INTRODUCTION

The Capital Improvements Projects of the City of Williamsburg are administered through two funds, the Sales Tax Fund for general improvements, and the Utility Fund for water and sewer projects. Since 1991, the City has projected five year capital project requirements of all departments. The current year's projects are funded by City Council, with the remaining four years shown for planning purposes only. At year end, the funding for any uncompleted project is encumbered as necessary, and presumed to be finished in the next fiscal year.

Revenues of the **Sales Tax Fund** are derived from the 1% Sales Tax that is collected and distributed monthly by the state. All taxable purchases in the Hampton Roads area of Virginia are charged at the rate of 6%, one percent of which is returned to localities by law. It has been the policy of the City Council for over 25 years to use this revenue to fund general capital projects in the City. Examples of projects completed with the use of these funds are schools, municipal buildings, land acquisitions, roads, vehicles, and equipment. It is a general fund type, and combined with the General Fund for financial statement presentation. For budgeting purposes management has traditionally chosen to keep it separate because of its capital project nature.

Interest earnings of the General Fund are accounted for in the Sales Tax Fund. In the past the operating budgets experienced drastic swings in these revenues caused by extreme changes in interest rates, tending to skew operating budgets. This approach helps stabilize operations for comparison each year. On the spending side, the City's annual paving program is included as a capital expenditure in this fund because of its capital nature, and also to minimize the skewing effect on operations over time. As noted above, the Sales Tax Fund is ultimately included in the General Fund for financial statement presentation as required by generally accepted accounting principles.

Revenues of the **Utility Fund** are used to fund capital improvements, as well as operating costs, for the water and sewer systems.

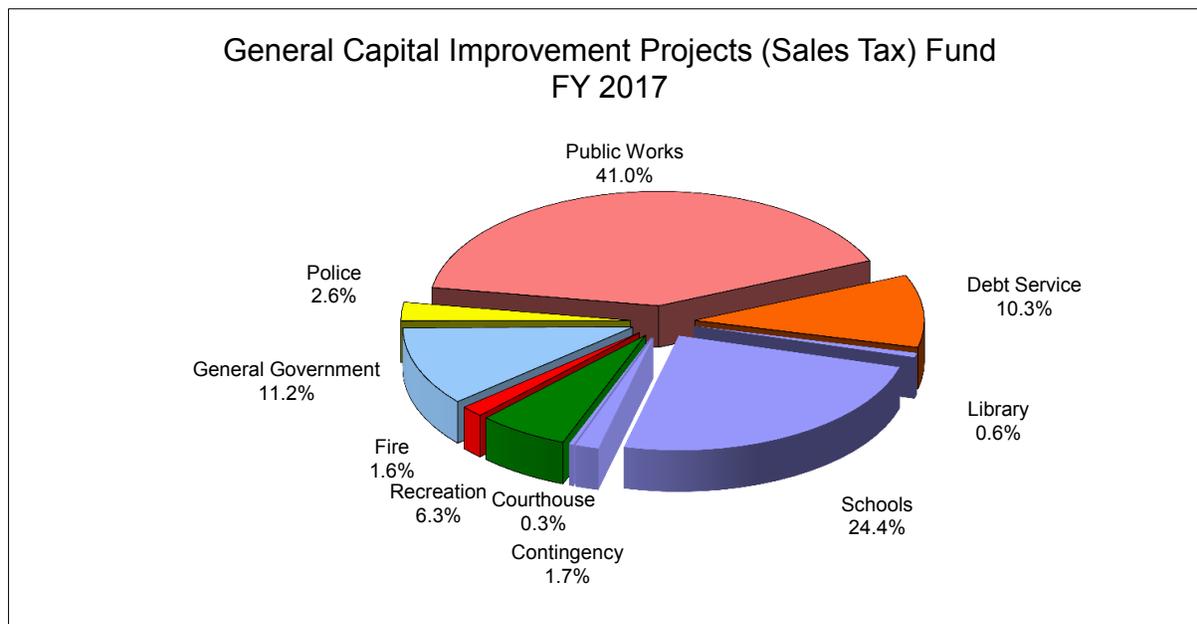
Capital project detail sheets include a reference to one or more of the specific **City Council's 2015 and 2016 Biennium Goals & Initiatives** the project will contribute toward.

## CONTENTS

	<u>Page</u>
General Capital Improvements - Sales Tax Fund .....	E-2 - E-39
Water and Sewer Capital Improvements - Utility Fund .....	E-40 - E-49
Vehicle Replacement Plan.....	E-50 - E-66
Planning Commission Correspondence .....	E-67 - E-73
Operating Cost Impact of Capital Projects .....	E-74 - E-75



	ACTUAL FY 2015	ESTIMATED FY 2016	ADOPTED FY 2017
<b>REVENUES:</b>			
1% SALES TAX	\$4,352,601	\$4,400,000	\$4,400,000
INTEREST EARNINGS	137,786	150,000	150,000
GRANTS/PROFFERS	527,985	1,225,524	1,563,000
WRL FOUNDATION-STRYKER CTR	0	166,666	166,666
STORMWATER MGT	14,960	15,000	0
TRANSFER - CTHOUSE MTCE	59,172	150,000	40,000
TRANSFER FROM (TO) RESERVES	3,783,744	5,969,000	5,741,899
<b>TOTAL REVENUES</b>	<b>\$8,876,248</b>	<b>\$12,076,190</b>	<b>\$12,061,565</b>
<b>EXPENDITURES:</b>			
PUBLIC WORKS	\$1,691,813	\$3,193,000	\$4,945,000
POLICE	180,924	135,000	315,000
FIRE	70,009	996,000	191,350
RECREATION-OPEN SPACE	198,648	670,000	765,450
GENERAL GOVERNMENT	4,521,515	4,108,000	1,348,000
CONTINGENCY	316,758	350,000	200,000
LIBRARY	5025	335,000	75,000
SCHOOLS	591,822	800,000	2,945,181
COURTHOUSE	59,172	250,000	40,000
DEBT SERVICE	1,240,562	1,239,190	1,236,584
<b>TOTAL EXPENDITURES</b>	<b>\$8,876,248</b>	<b>\$12,076,190</b>	<b>\$12,061,565</b>



**CITY OF WILLIAMSBURG**  
**SALES TAX FUND - CAPITAL IMPROVEMENT PROGRAM SUMMARY**  
**FISCAL YEARS 2017-2021**

<u>CATEGORY</u> Project Title Project Description	ESTIMATED THROUGH FY 2016	CARRYOVER FROM FY 2016	5 - YEAR CAPITAL IMPROVEMENT PROGRAM					FIVE YEAR TOTAL
			ADOPTED BUDGET FY 2017	FOR PLANNING PURPOSES ONLY				
				FY 2018	FY 2019	FY 2020	FY 2021	
<b><u>PUBLIC WORKS</u></b>								
<b>Street Construction</b>								
Repaving Program (VDOT Revenue Sharing FY17)	2,167,000	--	1,000,000	450,000	450,000	450,000	450,000	2,800,000
Ironbound Road / Longhill Road Relocation	150,000	--	1,500,000	3,000,000	--	--	--	4,500,000
Monticello Avenue (Richmond Road to Treyburn Drive) *	--	--	50,000	TBD	--	--	--	50,000
Capitol Landing Road / Bypass Road Intersection	--	--	--	--	--	50,000	--	50,000
Traffic Signals	--	--	--	--	275,000	--	--	275,000
Bridge Inspections	--	--	95,000	95,000	400,000	20,000	--	610,000
* Currently unfunded - Capitol Landing Rd/Bypass Rd. - \$5 to \$6 Million, Monticello Ave - \$4.0 Million								
<b>Corridor Enhancement / Underground Wiring</b>								
York Street Corridor Improvement (VDOT Revenue Sharing FY14)	876,000	--	--	--	--	--	--	0
South Henry Street (U.W.)	--	622,000	--	--	--	--	--	0
Second Street (U.W.)	--	--	1,900,000	--	--	--	--	1,900,000
York Street (U.W.)	--	--	--	620,000	--	--	--	620,000
Ironbound Rd. (U.W.) (incl. in Ironbound Rd. Street Construction)	--	--	--	--	--	--	--	TBD
Quarterpath Road (U.W.) (by Dominion Power)	--	--	--	--	--	--	--	TBD
<b>Pedestrian and Bicycle Improvements</b>								
Pedestrian Facility Improvements	--	--	275,000	--	--	275,000	--	550,000
Bicycle Facility Improvements	--	--	125,000	1,225,000	--	--	--	1,350,000
Bike-Share Program	--	--	--	--	TBD	--	--	TBD
<b>Stormwater Management</b>								
Stormwater Management Projects	--	--	--	60,000	--	--	--	60,000
<b>Total Public Works</b>	<b>3,193,000</b>	<b>622,000</b>	<b>4,945,000</b>	<b>5,450,000</b>	<b>1,125,000</b>	<b>795,000</b>	<b>450,000</b>	<b>12,765,000</b>
<b><u>RECREATION AND OPEN SPACE</u></b>								
<b>Facilities</b>								
Quarterpath Park Improvements	--	--	429,200	140,000	180,600	32,000	25,000	806,800
Kiwanis Park Improvements	--	--	236,250	1,230,000	415,350	101,000	75,000	2,057,600
Waller Mill Park Improvements	670,000	--	100,000	67,100	80,000	46,200	TBD	293,300
<b>Total Recreation and Open Space</b>	<b>670,000</b>	<b>0</b>	<b>765,450</b>	<b>1,437,100</b>	<b>675,950</b>	<b>179,200</b>	<b>100,000</b>	<b>3,157,700</b>
<b><u>PUBLIC SAFETY</u></b>								
<b>Facilities</b>								
E-911 Regional Center - Expansion	45,000	--	45,000	45,000	45,000	45,000	45,000	225,000
Police Station Space Needs Study	--	--	50,000	--	--	--	--	50,000
<b>Equipment</b>								
Portable Radio Replacement	68,000	--	66,600	--	--	--	--	66,600
Self Contained Breathing Apparatus Replacement	17,000	--	20,000	--	--	--	--	20,000
Aid To Localities Fire Equipment grant	--	150,000	44,500	44,500	44,500	44,500	44,500	222,500
4 for Life Equipment & Training grant	--	60,000	18,500	18,500	18,500	18,500	18,500	92,500
CPR Devices	--	--	--	40,000	--	--	--	40,000
Parking Garage Equipment Replacement	--	--	160,000	--	--	--	--	160,000
Stretcher Replacement	--	--	41,750	41,750	--	--	--	83,500
Police Body Worn Cameras	--	--	60,000	--	--	--	--	60,000
Police Weapons Safety Equipment	22,000	--	--	--	--	--	--	0
<b>Total Public Safety</b>	<b>152,000</b>	<b>210,000</b>	<b>506,350</b>	<b>189,750</b>	<b>108,000</b>	<b>108,000</b>	<b>108,000</b>	<b>1,020,100</b>

**CITY OF WILLIAMSBURG**  
**SALES TAX FUND - CAPITAL IMPROVEMENT PROGRAM SUMMARY**  
**FISCAL YEARS 2017-2021**

CATEGORY Project Title Project Description	ESTIMATED THROUGH FY 2016	CARRYOVER FROM FY 2016	5 - YEAR CAPITAL IMPROVEMENT PROGRAM					FIVE YEAR TOTAL
			ADOPTED BUDGET FY 2017	FOR PLANNING PURPOSES ONLY				
				FY 2018	FY 2019	FY 2020	FY 2021	
<b>GENERAL GOVERNMENT</b>								
<b>Facilities</b>								
Stryker Center	3,000,000	--	--	--	--	--	--	0
Fire Station Renovation	--	--	40,000	--	--	--	--	40,000
Parking Terrace Rehab	--	150,000	150,000	--	--	--	--	150,000
Train Station Windows	30,000	--	--	--	--	--	--	0
Cemetery Expansion Feasibility Study	--	--	--	--	--	40,000	--	40,000
Property Demolition Projects	309,000	--	--	--	--	--	--	0
City Shop Roof Replacement	45,000	--	--	--	--	--	--	0
<b>Information Technology</b>								
PC Replacement Program	30,000	--	30,000	30,000	30,000	30,000	30,000	150,000
Firewall Replacement	40,000	--	--	--	--	--	--	0
Network Infrastructure Replacement	125,000	--	--	--	--	--	--	0
Arts District Wi-Fi	--	20,000	--	--	--	--	--	0
Enterprise Resource Planning (ERP) System Replacement	--	--	385,000	215,000	--	--	--	600,000
<b>Vehicles</b>								
Vehicle Replacement Plan	1,250,000	--	743,000	1,077,000	1,314,000	570,000	70,000	3,774,000
<b>Contingency</b>								
Capital Projects - Contingency	350,000	121,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Biennial GIOs Planning Initiatives	200,000	306,200	--	--	--	--	--	0
Economic Development - Contingency (redirect to above)	--	--	--	--	--	--	--	0
Tourism Promotion Initiatives - Contingency	38,000	53,835	--	--	--	--	--	0
<b>Total General Government</b>	<b>5,417,000</b>	<b>651,035</b>	<b>1,548,000</b>	<b>1,522,000</b>	<b>1,544,000</b>	<b>840,000</b>	<b>300,000</b>	<b>5,754,000</b>
<b>AGENCIES / INTERJURISDICTIONAL</b>								
<b>Facilities</b>								
Williamsburg Library Renovations	335,000	--	75,000	900,000	180,000	--	--	1,155,000
Courthouse Mtce. Projects (contingency) *	150,000	--	40,000 *	--	--	--	--	40,000
Courthouse Roof	100,000	--	--	--	--	--	--	0
<b>Housing Programs</b>								
Affordable Housing Initiative	20,000	--	--	--	--	TBD	--	TBD
<b>Schools - Contribution</b>								
Middle School	200,000	2,866,285	2,200,000	--	--	--	--	2,200,000
Renovation Projects	600,000	1,065,477	745,181	404,876	385,442	473,418	456,596	2,465,513
<b>Total Agencies / Jurisdictional</b>	<b>1,405,000</b>	<b>3,931,762</b>	<b>3,060,181</b>	<b>1,304,876</b>	<b>565,442</b>	<b>473,418</b>	<b>456,596</b>	<b>5,860,513</b>
<b>Total Capital Improvements/Projects</b>	<b>10,837,000</b>	<b>5,414,797</b>	<b>10,824,981</b>	<b>9,903,726</b>	<b>4,018,392</b>	<b>2,395,618</b>	<b>1,414,596</b>	<b>28,557,313</b>
<b>Debt Service</b>								
Principal Payments	1,006,410	--	1,032,568	1,029,676	1,063,571	1,089,465	394,991	4,610,271
Interest Payments	232,780	--	204,016	181,515	146,479	123,382	99,193	754,585
<b>Total Debt Service</b>	<b>1,239,190</b>	<b>0</b>	<b>1,236,584</b>	<b>1,211,191</b>	<b>1,210,050</b>	<b>1,212,847</b>	<b>494,184</b>	<b>5,364,856</b>
<b>Total with Debt Service</b>	<b>12,076,190</b>	<b>5,414,797</b>	<b>12,061,565</b>	<b>11,114,917</b>	<b>5,228,442</b>	<b>3,608,465</b>	<b>1,908,780</b>	<b>33,922,169</b>

\* Balance of Courthouse Maintenance Funds held jointly by the City and James City County are anticipated to be depleted during FY 2016 for major roof repairs to the Courthouse.

As fees are collected (post FY 2016), replenished funds will be available over time to complete future maintenance projects as necessary.

**City Council Goal:** III. Transportation

**Category:** Public Works

**Project Title:** Street Construction

**Project Description:** Repaving Program

The City sets aside money each year to resurface a portion of its street system. Annual resurfacing prolongs the life of the street and provides a safe riding surface for vehicles and bicycles. For FY17, the City has applied for Revenue Sharing Funds and plans to double its standard paving budget to \$1,000,000. The additional \$500,000 is contingent upon approval of Revenue Sharing money.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$1,000,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,800,000

**Fiscal Impact:** No additional operational costs, since road surface area is unchanged with this maintenance program. While there is an outlay of substantial funds for annual resurfacing, the long term fiscal impact is minimal when considering replacement cost if this preventive maintenance was not performed.



**City Council Goals:** III. Transportation  
**City Council Initiatives:** Ironbound Road, Monticello Avenue and Capitol Landing Road/  
 Bypass Road Intersection

**Category:** Public Works

**Project title:** Street Construction

**Project description:** Major Road Projects

The road projects listed below all serve important City needs. The order of construction will be based on the issues of constructability, funding and proposed development.

**Ironbound Road (Richmond Rd to Longhill Connector) – Phase I, \$4.5 million**

A phased approach is proposed for Ironbound Road with the initial phase involving relocation of Longhill Road and the Longhill/Ironbound intersection construction. Phase I will be coordinated with the James Blair School redevelopment as well as providing access to the new Aldi Grocery development (under construction) site. The City was approved for FY16 VDOT Revenue Sharing funds. Engineering will be underway in FY16 (\$150,000) and in FY17 (\$250,000 allocated). R/W and utilities will occur in FY17 (\$900,000 allocated). Construction will take place in FY17-18 (\$3,350,000) with \$350,000 allocated in FY17 and \$3,000,000 allocated in FY18. The total FY17 allocation is \$1,500,000 and FY18 allocation is \$3,000,000.

Ultimately, Ironbound Road will be widened to 3 lanes from Richmond Road to DePue Drive with dual left turns onto Richmond Road. The project includes underground wiring and improved pedestrian and bicycle facilities.

**Monticello Avenue ( Richmond Road to Treyburn Drive) – TBD (est. \$5 million)**

Monticello Avenue is currently under review with the potential buyers/developers of the Williamsburg Shopping Center. Alternatives range from a 3 lane roadway (existing) with on-street parking to a 5 lane section. Also under consideration are roundabouts at Mt. Vernon and Richmond Road. Further, if Monticello is not widened and parking is provided, a “ring road” around the Shopping Center may be required to handle the 19,000 vpd currently using Monticello Avenue. \$50,000 is included in FY17 for incidental soft costs with regards to this project.

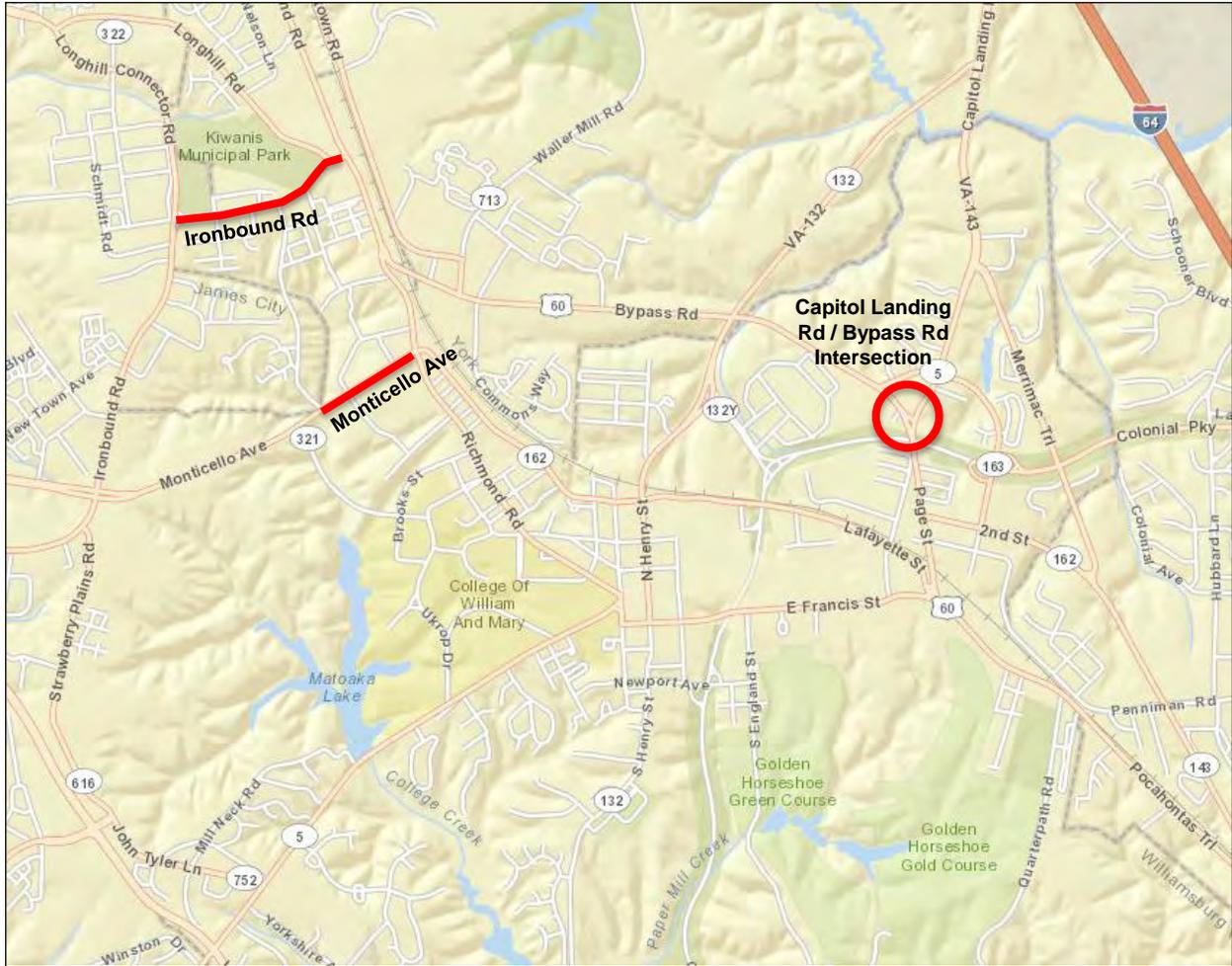
**Capitol Landing Road/Bypass Road Intersection - \$5-6 million**

The Capitol Landing Road/Bypass Road intersection will be realigned either by using a roundabout design or a standard 90° intersection (signalized or unsignalized). A fourth leg at the intersection is contemplated that will connect to the road system at the Colonial Williamsburg Regional Visitor Center, potentially generating more traffic for the businesses in the Northeast Triangle area. The estimated cost is \$5-6 million depending on the design. Due to the high cost of the Project, the City will need to look for other funding sources. \$50,000 is included in FY20 for preliminary planning/engineering.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	TOTAL
\$1,550,000	\$3,000,000		\$50,000		\$4,600,000

**Fiscal Impact:** No significant change in maintenance costs for existing streets.



## Major Road Projects

**City Council Goals:** III. Transportation

**Category:** Public Works

**Project Title:** Street Construction

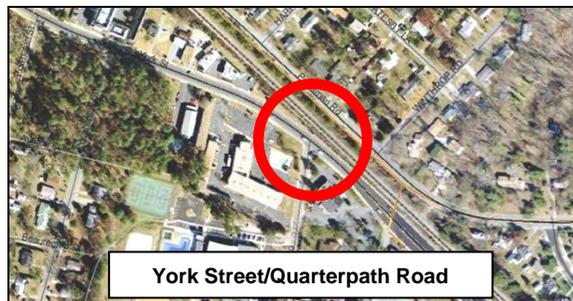
**Project Description:** Traffic Signal Improvements

Money is included in FY19 for future traffic signal installations. 3 intersections are under consideration but currently do not meet traffic signal warrants: Richmond Road/Waltz Farm Drive, Second Street/Parkway Drive, and York Street/Quarterpath Road. The signal(s) will be dependent on new development taking hold and/or background traffic counts increasing. \$275,000 is included in FY19 for any of the 3 intersections.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
		\$275,000			\$275,000

**Fiscal Impact:** New signals will increase the operations and maintenance budget for traffic signals; however, more efficient signal operations will provide energy savings to vehicular traffic.



**City Council Goal:** III. Transportation  
**City Council Initiatives:**

**Category:** Public Works

**Project Title:** Street Construction

**Project Description:** Bridge Inspections

Inspection and maintenance work on all City bridges needs to be completed in FY16-FY20. The City owns and maintains the following 5 bridges:

1. Page Street
2. Capitol Landing Road
3. Merrimac Trail
4. By-Pass Road
5. Quarterpath Road

The following work is anticipated over the next 5 years:

1. Reseal bridge decks (Bypass, CLR)	\$95,000	FY17
2. Biennial inspections (all bridges)	\$20,000	FY18
3. Concrete spalling (Bypass)	\$75,000	FY18
4. Replace bearings (Page St)	\$400,000	FY19
5. Biennial Inspections (all bridges)	\$20,000	FY20

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$95,000	\$95,000	\$400,000	\$20,000		\$610,000

**Fiscal Impact:** No fiscal impact.



**City Council Goal:** I. Character of the City  
**City Council Initiative:** Corridor Beautification

**Category:** Public Works

**Project Title:** Underground Wiring/Corridor Enhancement

**Project Description:** Underground wiring

This project involves replacing all overhead wiring including electric, telephone and cable television with underground wiring on major corridors identified by City Council and the Corridor Beautification Plan.

\$7 million has been invested in underground wiring over the last ten years. The most recent project, Page Street from the bridge to Monumental Avenue, was completed in FY15.

The 20-year franchise agreement with Dominion (2009) identified four projects – Page Street (complete), South Henry Street, York Street, and Quarterpath Road. The Quarterpath Road underground wiring will be paid for by Dominion Power and the timing is to be determined.

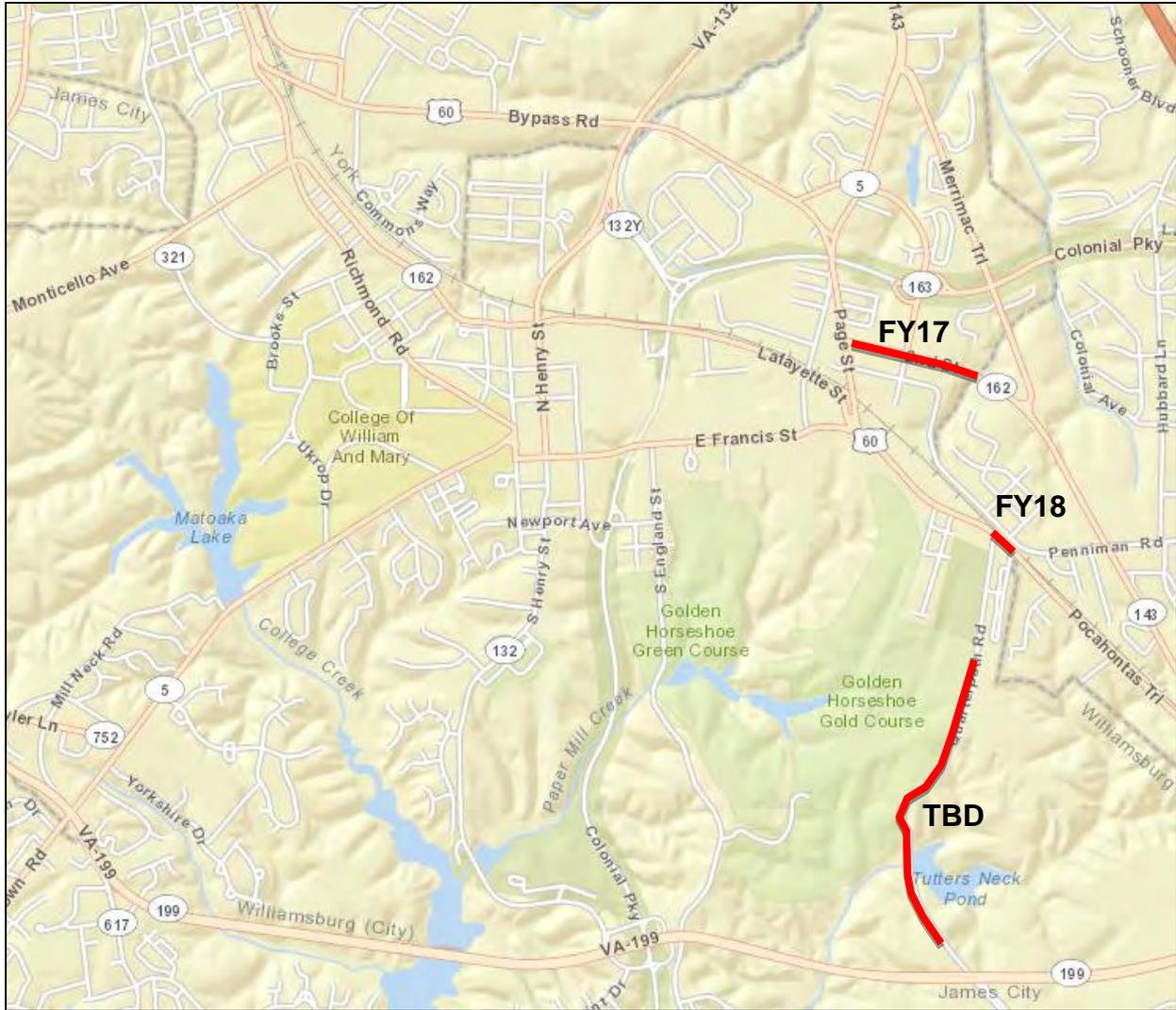
South Henry Street, Second Street and York Street have been identified as candidates for underground wiring. The South Henry Street project was given the okay to proceed and should be completed in the summer of 2016. The Second Street and York Street projects are dependent on availability of Capital Funds and are proposed for FY17 (\$1,900,000) and FY18 (\$620,000), respectively.

Also, wires will be placed underground as a part of the future Ironbound Road reconstruction project. The cost will be included as part of the proposed road project.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$1,900,000	\$620,000				\$2,520,000

**Fiscal Impact:** Underground wiring is primarily aesthetic issue with little operating impact.



### Underground Wiring

**FY17:** Second Street    **FY18:** York Street

**TBD:** Quarterpath Road

**City Council Goal:** III. Transportation  
**City Council Initiative:** Pedestrian Connections and Crossings

**Category:** Public Works

**Project Title:** Pedestrian and Bicycle Improvements

**Project Description:** Pedestrian Facility Improvements

A master plan for major sidewalk improvements is part of the 2013 Comprehensive Plan and is intended to fill in the gaps in the existing sidewalk system.

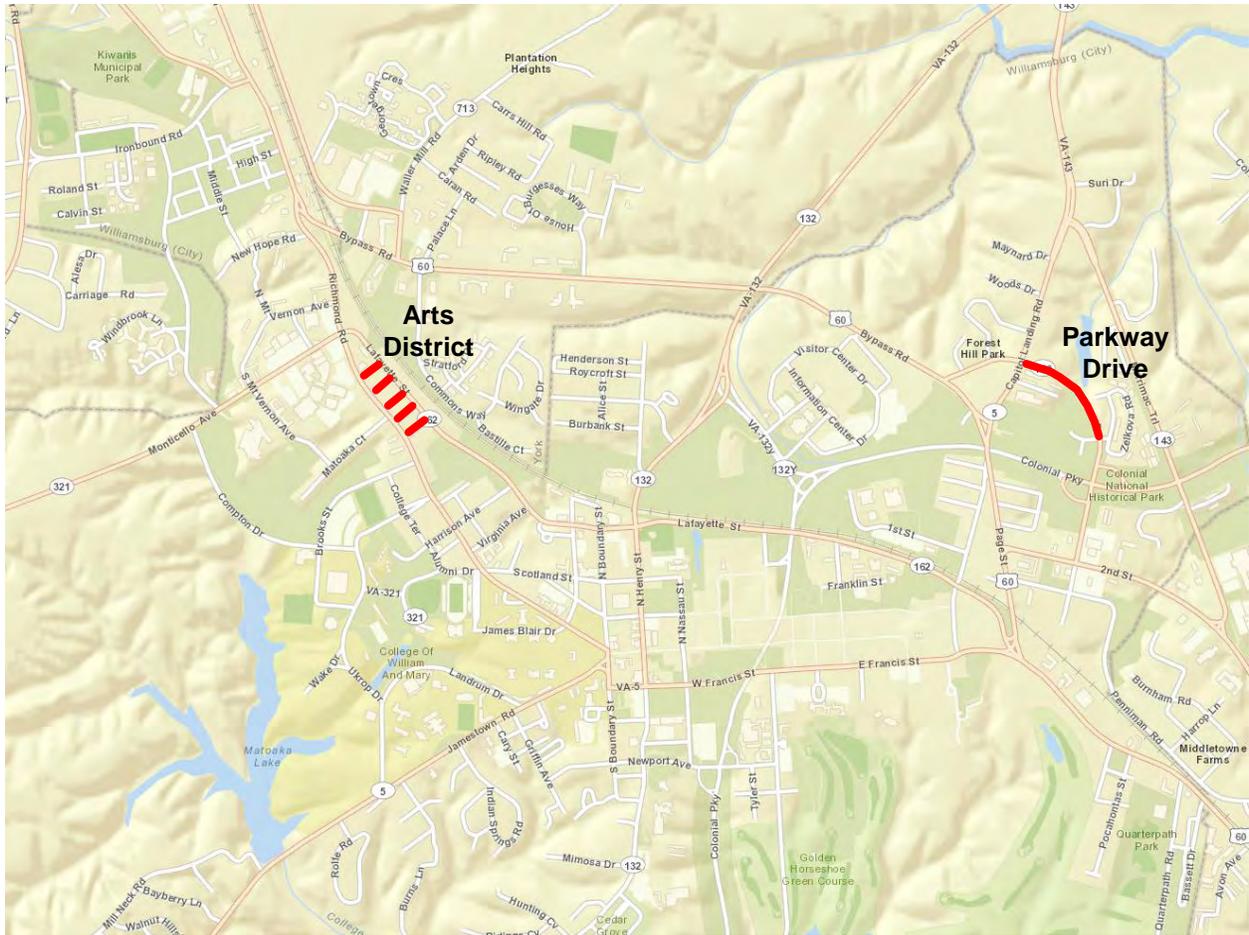
The City was approved for revenue sharing funds in FY13 and constructed 7 sidewalks in FY15/FY16 at a cost of \$984,000 (Richmond Road (Waltz Farm Drive to Patriot Lane), Lafayette Street (Harrison Avenue to Wythe Street), Prince George Street (Armistead Avenue to Scotland Street), Bypass Road (Route 132 to Parkway Drive), Parkway Drive (Bypass Road to Capitol Landing Road), York Street (end of existing sidewalk to Lafayette Street) and Scotland Street (Prince George Street to King & Queen Apartments). In FY16, the City completed sidewalk improvements along York Street as part of the York Street Corridor Improvements, which included a 5’ brick sidewalk on the north side of York Street, and a shared use path on the south side of York Street. In FY16 the City also constructed a 5’ brick sidewalk on the north side of Scotland Street east of Braxton Court.

Funds have been programmed for FY17 and FY20 for additional sidewalk projects based on recommendations of the 2013 Comprehensive Plan. Proposed for FY17 is an extension of the existing sidewalk along Parkway Drive in the Northeast Triangle Planning Area from Wyndham Plantation to Capitol Landing Road. Proposed for FY20 are sidewalk improvements in the Arts District along the side streets between Lafayette Street and Richmond Road.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$275,000			\$275,000		\$550,000

**Fiscal Impact:** Construction of new sidewalks will, over time, increase the City maintenance costs for sidewalks.



## Pedestrian Facility Improvements

Parkway Drive (Wyndham Plantation to Capitol Landing Road) – FY17  
Arts District (Side streets) – FY20

**City Council Goal:** III. Transportation  
**City Council Initiative:** Bike Friendly Community Improvements

**Category:** Public Works

**Project Title:** Pedestrian and Bicycle Improvements

**Project Description:** Bicycle Facility Improvements

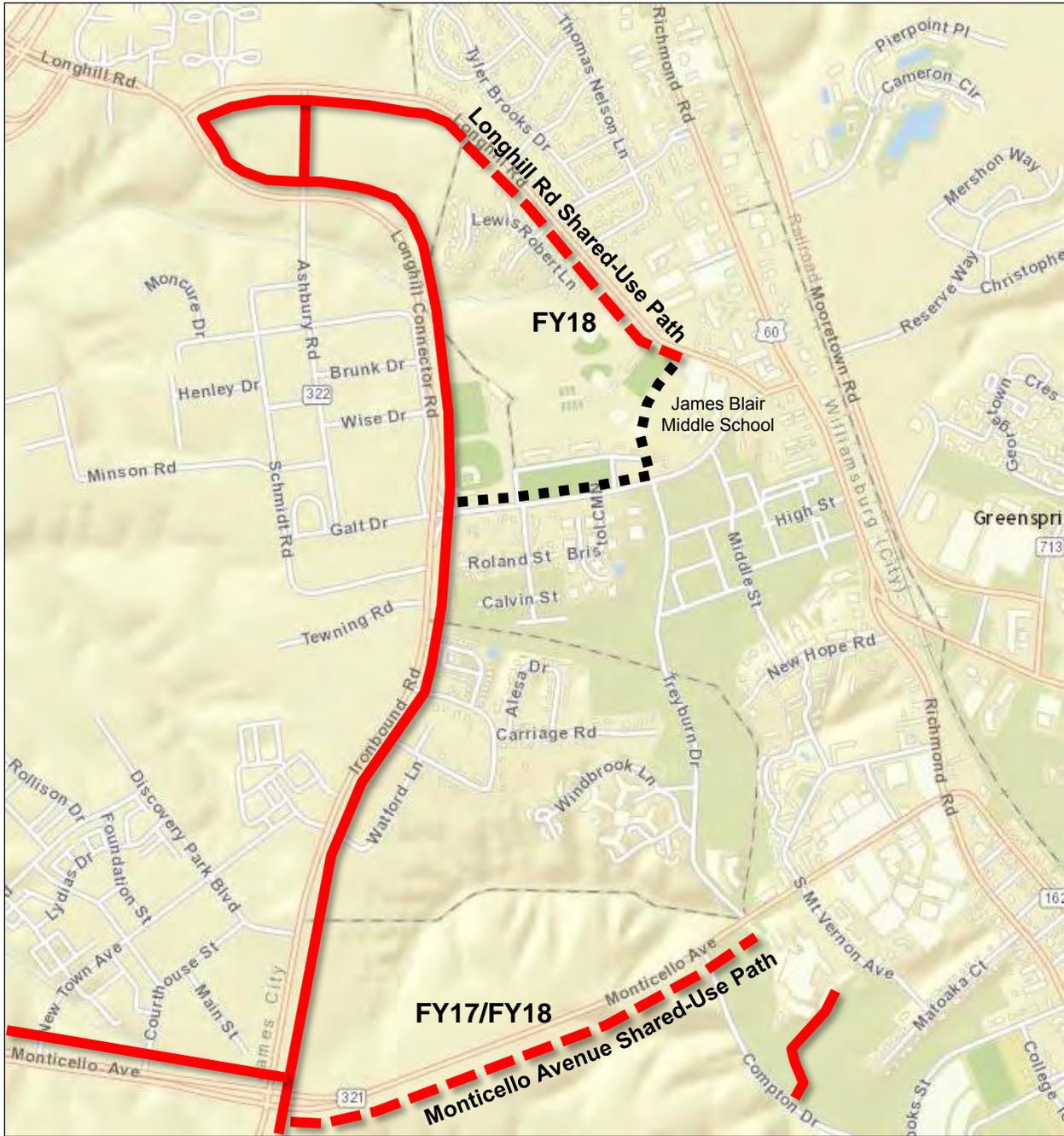
Two 10-foot wide Shared-Use Paths will expand the City’s bicycle and pedestrian infrastructure, and will improve pedestrian and bicycle safety in these areas.

- The Monticello Avenue Shared-Use Path is proposed for design in FY17, and construction in FY18. Construction is dependent upon receiving a Transportation Alternatives Program grant, which will be applied for in Fall 2016. This 4,200 foot long lighted facility will run from the Treyburn Drive entrance for the William and Mary School of Education to Ironbound Road. The estimated cost for design is \$125,000. Construction cost is estimated as this project is \$1,125,000 and construction funding would be 80% Federal with a 20% local match (\$225,000) shared equally by the College of William and Mary and the City. This facility will serve City residents and William and Mary students who currently use the corridor to travel between the Midtown area of the City, the Campus, and the New Town area of James City County.
- The Longhill Road Shared-Use Path is proposed for FY18. The 2,500 foot long Shared-Use Path will run from the City limits to James Blair Middle School. The estimated cost for this project is \$100,000. This facility will connect to the existing path around the James City Rec Center and along DePue Drive, and will tie in to a future Shared-Use Path along Ironbound Road from James Blair Middle School to Plumeri Park. This will allow for a complete future “Rec Center Loop” as well as connection to the existing shared-use path along Ironbound Road from Plumeri Park to Monticello Avenue, and to the proposed shared-use path along Monticello Avenue. This facility will provide a “Safe Route to School” for the new James Blair Middle School, which is proposed to open in September 2018, and will serve the City neighborhoods of Skipwith Farms, Piney Creek, Savannah Green and Longhill Woods.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$125,000	\$1,225,000				\$1,350,000

**Fiscal Impact:** The construction of the shared-use paths will add minor maintenance costs.



**Shared-Use Paths**

-  Existing
-  Proposed
-  Future

**City Council Goal:** III. Transportation  
**City Council Initiative:** Bicycle Friendly Community Improvements

**Category:** Public Works

**Project Title:** Pedestrian and Bicycle Improvements

**Project Description:** Bike Share System

Williamsburg was designated a Bicycle Friendly Community in 2013. One of the City’s initiatives to improve the bicycle infrastructure is to investigate the feasibility of a single station or multi-station bike sharing system beginning with the downtown area. It is proposed to conduct a feasibility study in FY17 as one of the Biennial GIO Planning Initiatives, and, if feasible, initiate the first phase of the bike share program in FY19 at a cost based on the results of the feasibility study.

The initial system could include bike share stations in the Merchants Square area, the College and the Williamsburg Shopping Center. Future locations could include High Street, Quarterpath at Williamsburg and Colonial Williamsburg.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
		TBD			TBD

**Fiscal Impact:** There will be ongoing costs for the management and maintenance of the bike share system, which will be detailed in the feasibility study.



**City Council Goal:** VII. Environmental Sustainability  
**City Council Initiative:** Stormwater Management

**Category:** Public Works

**Project Title:** Stormwater Management

**Project Description:** Stormwater Management Projects

Typical stormwater management projects include erosion control; drainage system improvements (piping, inlets, ditches, curbing, etc.), stormwater management facilities, renovation of shouldered/ditched roadways, and state requirements including TMDL regulations.

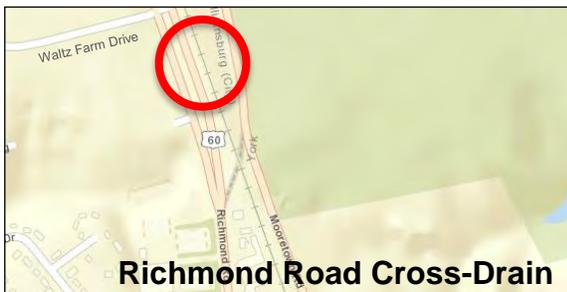
The stormwater master plan was updated in FY15. The City's TMDL Action Plan was submitted and approved by DEQ in FY16.

Money is included in FY18 for necessary drainage system work and for any measures required by the TMDL Action Plan.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
	\$60,000				\$60,000

**Fiscal Impact:** Drainage improvements must be maintained, but incremental cost over current operating budgets should not be significant.



**City Council Goal:** VIII. Recreation and Culture  
**City Council Initiative:** Quarterpath Park and Recreation Center Improvements

**Category:** Recreation and Open Space

**Project Title:** Facilities

**Project Description:** Quarterpath Park Improvements

Priorities for Quarterpath Park have changed due to the City’s interest in promoting and supporting sports tourism.

In order to continue attracting quality softball tournaments, the infields of fields #1 and #3 need to be rebuilt and irrigation and covered dugouts need to be added. Field #2 has major drainage issues and needs to be rebuilt, including irrigation.

The playground equipment needs to be replaced (and possibly increased in size) and an accessible route needs to be constructed to meet ADA standards.



- FY17: Rebuild softball field #1, #2, & #3 (including irrigation & ADA walkways) \$214,200
- FY17: Replace HVAC chiller/upgrade HVAC Building Automation System \$175,000
- FY17: Paint interior of recreation center \$40,000
- FY18: Build new addition, renovate areas, replace exterior doors and install swipe card system, install rollup door in gymnasium \$TBD
- FY18: Replace playground equipment & construct accessible route \$140,000
- FY19: Replace bleachers on softball fields #2 & #3 with ADA approved \$68,000
- FY19: Replace player benches, cover dugouts all softball fields, replace all outdoor water fountains & replace softball field #3 fence \$65,600
- FY19: Build ADA accessible routes to fields #1 & #3 \$47,000
- FY20: Install new computer controlled lights for sand volleyball courts \$32,000
- FY21: Sand, screen and refinish gym floor \$25,000
- Mill, repave and stripe parking lot from playground to field #3, add curbing \$TBD

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$429,200	\$140,000	\$180,600	\$32,000	\$25,000	\$806,800

**Fiscal Impact:** The addition to the Recreation Center will increase operating expenses for the department for staff, maintenance and programming needs.

**City Council Goal:** VIII. Recreation and Culture  
**City Council Initiative:** Kiwanis Park

**Category:** Recreation and Open Space

**Project Title:** Facilities

**Project Description:** Kiwanis Park Improvements

In FY17, the playground equipment will be replaced and an accessible route to the playground and shelter will be constructed to be compliant with the ADA standards.

The construction of the fourth 200' ballfield is planned for FY18. Having the fourth field would allow more teams to participate in weekend tournaments and league play supporting the City's and the region's efforts in Sports Tourism.

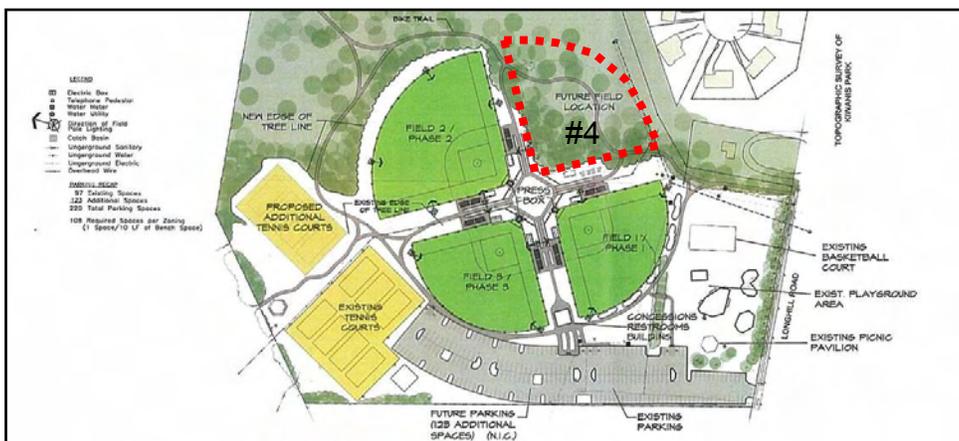
The operations building at the tennis courts was built in the early 1970's and has no restrooms. A new operations building will provide restroom facilities, office for attendant, areas for vending and storage, and is scheduled for FY19. Repairs, resurfacing, and fencing for the tennis courts are scheduled for FY20 and FY21.

- FY17 Replace playground and shelter, add accessible route \$236,250
- FY18 Construct and light 4<sup>th</sup> ballfield and rebuild basketball court \$1,230,000
- FY19 Construct new Tennis Operations building and pave parking lot at tennis courts \$415,350
- FY20 Repair and resurface tennis courts \$101,000
- FY21 Replace tennis court fence \$75,000

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$236,250	\$1,230,000	\$415,350	\$101,000	\$75,000	\$2,057,600

**Fiscal Impact:** The construction of both the operations building and the fourth field will increase operating cost for the department.



**City Council Goal:** VII. Recreation and Culture  
**City Council Initiative:** Waller Mill Park Improvements

**Category:** Recreation and Open Space

**Project Title:** Facilities

**Project Description:** Waller Mill Park Improvements

Waller Mill Park provides recreational opportunities for both tourists and residents of the Greater Williamsburg area. The park needs to be renovated to become compliant with the new ADA standards. Areas of focus include park shelters and playgrounds.

- FY17: Mill, repave and stripe parking lot \$ 100,000
- FY18: Replace Shelter #1 (built in 1972) and renovate Shelter #3 to meet ADA standards \$ 67,100
- FY19: Renovate playground at Shelter #3 to meet ADA standards \$80,000
- FY20: Renovate Shelters #2 & #4 to meet ADA standards \$46,200
- FY21: Replace primary playground \$TBD

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$100,000	\$67,100	\$80,000	\$46,200	\$TBD	\$293,300

**Fiscal Impact:** No major impacts are anticipated, since these projects upgrade existing facilities.



**Category:** Public Safety

**Project Title:** E-911 Regional Center Expansion

**Project Description:** Annual Capital Funding Contribution

The Williamsburg and York County 911 Public Safety Answering Point (PSAP) was consolidated in July 2009 to provide enhanced 911 emergency dispatch services more economically and efficiently. The existing facility in York County was expanded to accommodate additional staff and operating work stations needed by this merger requiring City funding of \$45,000 annually to cover debt service on the building expansion. This amount is included in FY16-20.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000

**Fiscal Impact:** Operational efficiencies of the consolidation are expected to achieve savings estimated at \$150,000 - \$200,000 per year.

**City Council Goal:** IV. Public Safety  
**City Council Initiative:** Public Safety Facilities and Equipment

**Category:** Public Safety

**Project Title:** Facilities

**Project Description:** Police Station Space Needs Study

The Williamsburg Police Department was built in 1978. There is a need to expand and renovate the existing structure. This project is for architectural services to develop a RFQ for structural engineering and design services. The process includes selection of an architectural consultant and completion of structural analysis and design by January 2017.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$ 50,000					\$50,000

**Fiscal Impact:** None.



**City Council Goal:** IV. Public Safety  
**City Council Initiative:** Public Safety Facilities and Equipment

**Category:** Public Safety

**Project Title:** Equipment

**Project Description:** Portable Radio Replacement

This project replaces existing portable radios assigned to each member of the Fire Department. The replacement cost for an APX7000 portable radio is \$5,550 per unit – a total of 25 radios were replaced in FY15 and FY16 and the remaining 12 radios need to be replaced in FY17.

The APX7000 portable radio is designed to provide first responders with optimal loud and clear audio functionality in a compact rugged form. The control knobs and emergency button have a new larger design to enhance firefighter communications and safety while working in smoke-filled environments.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$66,600					\$66,600

**Fiscal Impact:** This project updates and improves existing equipment reducing the need for high cost repairs of outdated equipment while providing additional safety features.



**City Council Goal:** IV. Public Safety  
**City Council Initiative:** Public Safety Facilities and Equipment

**Category:** Public Safety

**Project Title:** Equipment

**Project Description:** Self Contained Breathing Apparatus Replacement and Upgrade

The Fire Department applied for a regional “Assistance to Firefighters” grant to fund a Self-Contained Breathing Apparatus replacement and upgrade. If funded, the Fire Department would receive 32 new air packs, 32 additional spare air bottles, 32 face masks, and two Rapid Intervention Packs with air bottles and 1 battery charger. Total cost of the equipment for Williamsburg is projected to be \$203,022, with a locality match of \$20,000 required. This grant will continue to improve regional interoperability and make the Fire Department compliant with National Fire Protection Association (NFPA) standards.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$20,000					\$20,000

**Fiscal Impact:** This project updates and improves the SCBA inventory and enhances interoperability with regional partners.



**City Council Goal:** IV. Public Safety  
**City Council Initiative:** Public Safety Facilities and Equipment

**Category:** Public Safety

**Project Title:** Equipment

**Project Description:** Aid-to-Localities (Fire) & Four-for-Life (EMS) Grant Funding

This is a new project that moves \$150,000 from unused Aid-to-Localities funding to the CIP with future funding estimated at \$44,500 in each of the next five years. State code mandates specific use of these funds, with annual reporting to the Virginia Department of Fire Programs. This funding is primarily utilized to purchase firefighter protective equipment.

Additionally, this project moves \$60,000 from unused Four-for-Life funding to the CIP with future funding estimated at \$18,500 in each of the next five years. Use of this funding is limited to providing EMS training and purchasing EMS equipment, and is reported annually to the Virginia Office of Emergency Medical Services.

The five-year projections may vary based on the revenue received by the State.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$63,000	\$63,000	\$63,000	\$63,000	\$63,000	\$315,000

**Fiscal Impact:** The availability of grant funds for Fire and EMS equipment reduces expenditures in the Fire Department operating budget each year, as these are essential to operations.

**City Council Goal:** IV. Public Safety  
**City Council Initiative:** Public Safety Facilities and Equipment

**Category:** Public Safety

**Project Title:** Equipment

**Project Description:** Lucas CPR Device

This project replaces three existing Auto Pulse devices with Lucas CPR devices over two fiscal years. Life-sustaining circulation can be created through effective and uninterrupted chest compressions. The Lucas Chest Compression System is a safe and efficient tool that standardizes chest compressions in accordance with the latest scientific guidelines. It provides the same quality for all patients, independent of transport conditions, rescuer fatigue, or variability in the experience level of the caregiver. Utilization of the device enables rescuers to focus on other life-saving tasks.

The department will continue to seek grant opportunities to fund the purchase of the Lucas CPR devices.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
	\$40,000				\$40,000

**Fiscal Impact:** Replacing the devices enhances the quality of patient care to the community while improving the potential for successful outcomes for those who experience sudden cardiac arrest. Our current Auto Pulse devices are aging and are nearing their life expectancy.



**City Council Goal:** IV. Public Safety  
**City Council Initiative:** Public Safety Facilities and Equipment

**Category:** Public Safety

**Project Title:** Equipment

**Project Description:** Prince George Parking Garage Equipment Replacement

The Prince George Parking Garage opened in 2004. The parking control systems and equipment at the garage are now more than 10 years old and require replacement. This project will replace the existing parking control systems (hardware, software, and remote monitoring systems) with a new state of the art parking system. The new system will incorporate new technologies (such as credit card chip functionality and improved video capture capability) ensuring that this system will be functional for the next 10-15 years.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$160,000					\$160,000

**Fiscal Impact:** Year one maintenance costs for this new system are factored into the costs for this project. Future year maintenance is expected to be \$12,000 per year and will be included in the Police Department operating budget.



**City Council Goal:** IV. Public Safety  
**City Council Initiative:** Public Safety Facilities and Equipment

**Category:** Public Safety

**Project Title:** Equipment

**Project Description:** Stretcher Replacement

This project replaces two existing stretchers with new power-lift stretchers – the industry standard. The power-lift stretchers employ an innovative battery-powered hydraulic system that raises and lowers the patient with the touch of a button, thus reducing the risk of injury to the patient while limiting the potential for injury to fire department employees.

The fire department plans to submit a grant request through the Rescue Squad Assistance Fund to partially fund this project. The total grant request would be for \$83,500 requiring a 50% match of \$41,750.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$41,750	\$41,750				\$83,500

**Fiscal Impact:** If units are not replaced, equipment will become fatigued, which could lead to potential failure of the equipment resulting in injuries to patients and/or employees.



**City Council Goal:** IV. Public Safety  
**City Council Initiative:** Public Safety Facilities and Equipment

**Category:** Public Safety

**Project Title:** Equipment

**Project Description:** Police Body Worn Cameras

The Williamsburg Police Department is committed to protecting the safety and welfare of the public as well as employees. Recordings from the Body Worn Camera (BWC) can provide officers with an invaluable instrument to enhance criminal prosecution. Additionally, they can protect officers and citizens from false accusations through the objective documentation of interactions between Department members and the public. This project includes the purchase of BWCs and secure digital storage combined with a five-year contract that insures maintenance and upgrades of the BWCs and Taser electronic weapons. U.S. Department of Justice training for all officers on “Fair & Impartial 21<sup>st</sup> Century Policing” is also included in this project.

**Estimated Capital Budget:**

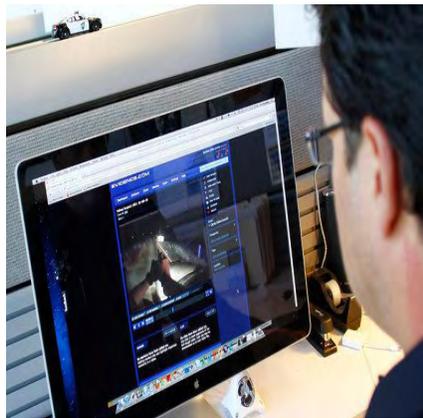
FY17	FY18	FY19	FY20	FY21	Total
\$60,000					\$60,000

**Fiscal Impact:** Five year maintenance costs are factored in for this project.

CAMERA



STORAGE



ELECTRONIC WEAPON



**City Council Goal:** IV. Public Safety

**City Council Initiative:** Public Safety Facilities and Equipment

**Category:** Public Safety

**Project Title:** Facility

**Project Description:** Fire Station Renovation

A renovation / replacement of the Fire Station will be required to upgrade building systems and infrastructure that are nearing the end of their life cycle and to meet current and future operational needs of the fire department. Requested funding would be utilized to retain a consultant to determine the feasibility of renovation vs. replacement. The existing six drive-through bay fire station opened in 1978 and lacks accommodations to include bunkrooms, lockers, office facilities and living quarters to meet minimum needs of staff. The women's bunkroom accommodates only three beds and has limited space for lockers. Other building space deficiencies exist such as personal protective gear locker area, shop area, apparatus bay, medical storage, and decontamination area. An increase in staff or apparatus at the station will result in insufficient space to accommodate these needs. Additionally, maintenance costs have increased dramatically as a result of aging building systems.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$40,000					\$40,000

**Fiscal Impact:** Obtaining a consultant provides a fiscally responsible, objective, and professional mechanism to get the best and most cost effective recommendations to plan for future facility and infrastructure needs for the fire department. Future CIP funding would be required based on the results of the consultant study.



**Category:** General Government

**Project Title:** Facilities

**Project Description:** Parking Terrace Rehab

The Parking Terrace was constructed in 1999 as part of the City Square master plan, and in conjunction with the adjacent Community Building. This structure needs some maintenance and repair work. Work includes sealing the upper deck to prevent water infiltration, and concrete spalling of beams beneath the upper deck, and repairing a portion of the brickwork.

**Estimated Capital Budget:**

Carryover FY16	FY17	FY18	FY19	FY20	FY21	Total
\$150,000	\$150,000					\$150,000

**Fiscal Impact:** The rehabilitation work will reduce future maintenance costs.



**Category:** General Government

**Project Title:** Facilities

**Project Description:** Cedar Grove Cemetery Expansion Feasibility Study

This project proposes to study the feasibility of expanding Cedar Grove Cemetery in the future. All of the property surrounding the Cemetery belongs to the College of William and Mary so the city will be coordinating the study with the College.

\$40,000 is shown in FY20 for a feasibility study to expand Cedar Grove Cemetery.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
			\$40,000		\$40,000

**Fiscal Impact:** Expansion of the cemetery property will increase grounds maintenance dependent on the geographical size of the expansion.



**Category:** General Government

**Project Title:** Information Technology

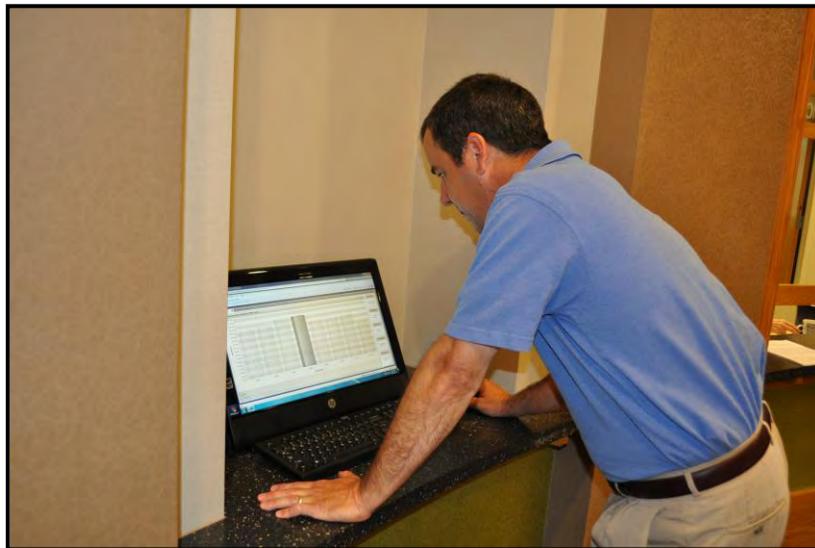
**Project Description:** PC Replacement Program

The purpose of the PC Replacement Program is to ensure the adequacy of all City computers through a replacement schedule. The schedule is currently to replace computers four years.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

**Fiscal Impact:** There are no recurring costs with this project.



**Category:** General Government

**Project Title:** Information Technology

**Project Description:** Enterprise Resource Planning (ERP) System Replacement

The City's Enterprise Resource Planning (ERP) system is comprised of all financial, tax, revenue, codes compliance and HR/Payroll applications. The current system has been in place, with only minor patches and upgrades, since 1994. Additionally, the current system lacks in functionality, capabilities, documentation and requires many work arounds by staff and is limiting for citizens and businesses.

Replacement of this system with a new, state of the art web based system will allow for a completely integrated financial, HR and Codes Compliance system without the limitations and constraints of the existing system. This implementation will take 2 years to complete.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$385,000	\$215,000				\$600,000

**Fiscal Impact:** Yearly maintenance costs will be approximately \$40,000 and will be handled in the IT operating budget.

- City Council Goals:**
- I. Character of the City
  - III. Transportation
  - IV. Public Safety
  - VI. Recreation and Culture

**Category:** General Government

**Project Title:** Contingency

**Project Description:** Biennial GIO Planning Initiatives

FY16 funding for three capital projects (Economic Development Contingency, Quarterpath Park Improvements, and Quarterpath Park Design Funds) was reappropriated in FY16 to provide funding for the following high priority Biennial GIO planning initiatives: Northeast Triangle Redevelopment and Design Plan; Downtown Vibrancy and Design Plan; Downtown and Arts District wayfinding signs; Downtown Parking Study; Bike Share Program Study; Public Art Consultant and Grant writing; Midtown legal and consultant costs; and Parks, Recreation and Cultural Master Plan. This will allow staff to initiate GIO issue implementation in FY16, and carry over project funds into FY17.

**Estimated Capital Budget:**

Carryover FY16	FY17	FY18	FY19	FY20	FY21	Total
\$306,200						

**Fiscal Impact:** To be determined upon completion of the listed studies.

**City Council Goal:** VII. Recreation and Culture  
**City Council Initiative:** Library Facility Renewal and Renovation

**Category:** Agencies/Interjurisdictional

**Project Title:** Facilities

**Project Description:** Williamsburg Library Renovations

The City’s HVAC service contractor has provided the following replacement costs to replace all three AHU humidifiers in FY 17, which have reached the end of their service life, at a cost of \$75,000. Spanning FY18 and FY19, all three Air Handler Units will also be in need of replacement. These units were installed in 1997 and have a 20 year useful life; and the estimated cost per unit ranges from \$140,000 to \$180,000. This price includes replacing the air handler and the frequency drive for each unit.

Beginning in FY18, the library facility will need to be renovated to repurpose vacated office space for public use. This renovation is currently estimated at approximately \$600,000.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$75,000	\$900,000	\$180,000	\$0	\$0	\$1,155,000

**Fiscal Impact:** Reduce maintenance and service costs. Increase public service space.



**Category:** Agencies/Interjurisdictional

**Project Title:** Facilities

**Project Description:** Courthouse Maintenance Projects

The City of Williamsburg and James City County jointly own and operate the Williamsburg-James City County Courthouse as authorized by §17.1-281 of the Code of Virginia. Each locality has previously authorized the assessment of a courthouse maintenance fee of \$2 for each civil and criminal action and/or traffic case in the District or Circuit Courts for the City of Williamsburg and James City County.

The Clerk of the Circuit Court collects and remits fees monthly to the City’s Department of Finance, acting as agent for the Courthouse Maintenance Fund. Funds are invested in the Commonwealth of Virginia’s Local Government Investment Pool. Disbursements are approved by resolution of both the Williamsburg City Council and the James City County Board of Supervisors for capital projects deemed necessary to maintain the Courthouse.

The roof replacement project has depleted these funds for FY17. Any additional maintenance will be funded by new fees as the maintenance fund is replenished.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$40,000					\$40,000

**Fiscal Impact:** Courthouse Maintenance projects are usually routine in nature, not requiring additional operating or maintenance costs beyond existing levels.



**City Council Goal:** V. Human Services and Education  
**City Council Initiative:** WRHA Operations/Blayton Building Redevelopment

**Category:** Agencies/Interjurisdictional

**Project Title:** Housing Programs

**Project Description:** Affordable Senior Housing Initiative

The Blayton Building is located at 613 Scotland Street with 38 low-income elderly housing units on the site. It is owned and operated by the Williamsburg Redevelopment and Housing Authority.

The replacement, expansion or relocation of the Blayton Building will be considered in accordance with the recommendations of the Blayton Building Study which will be completed in 2016. This project is subject to HUD approval and to the availability of funding from federal sources and public-private partnerships.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
			TBD		TBD

**Fiscal Impact:** By removing blighted conditions, the project should increase property values, business opportunities and provide more senior housing, which should provide a positive fiscal impact.



Blayton Building

**City Council Goal:** V. Human Services and Education  
**City Council Initiative:** Fourth Middle School

**Category:** Agencies/Interjurisdictional

**Project Title:** Schools-Contribution

**Project Description:** Fourth Middle School

City Council voted to support the WJCC School Board’s recommendation to build a two-phase fourth middle school on the James Blair property in January 2015. City Council approved the Special Use Permit for the Middle School in January 2016, and Planning Commission approved the final site plan in March 2016. The first phase of the project would construct a new 600-student middle school opening in 2018. The Central Office would remain in the two-story section of the existing building and in the James Blair Annex. The second phase will add 300 students and demolish the Central Office, with an anticipated opening in 2023.



Funding was included in FY16 to fund the estimated City share of the James Blair Middle School Renovation and Expansion project with the City’s funding share yet to be determined per the five year school contract with James City County. Approximately \$200,000 should be expended in FY16, with a carryover of \$2,384,000. WJCC schools project a total project cost of \$32.3 million.

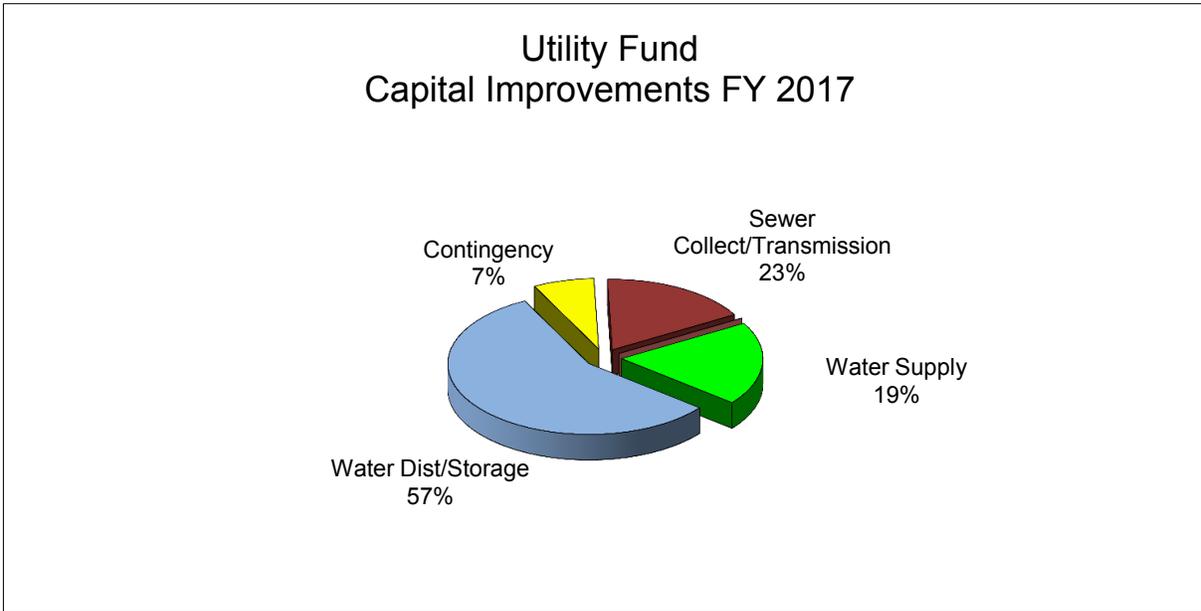
Funding is included in FY17 to provide a contingency fund for the project in the amount of the deficit between the original FY16 CIP request of the School Board and the allocated funding by the County and City. The City anticipates that the deficit will be reduced by the value engineering process of the School Board. The \$2,200,000 is an “up to” amount and may be requested of the City and used only after previously allocated funds are expended. This capital project funding is not transferable to other capital projects and unspent funds remain with the City.

**Estimated Capital Budget:**

Carryover FY16	FY17	FY18	FY19	FY20	FY21	Total
\$2,384,000	\$2,200,000					\$2,200,000

**Fiscal Impact:** School operating costs will be increased with a new Middle School.

	ACTUAL FY 2015	ESTIMATED FY 2016	ADOPTED FY 2017
<b>REVENUES:</b>			
TRANSFER FROM RESERVES	\$657,054	\$325,000	\$1,100,000
TOTAL REVENUES	\$657,054	\$325,000	\$1,100,000
<b>EXPENSES:</b>			
WATER DISTRIBUTION / STORAGE	\$478,916	\$40,000	\$635,000
SEWER COLLECTION SYSTEM	107,487	150,000	125,000
SEWAGE PUMP STATIONS	18,898	20,000	60,000
CONTINGENCY	39,109	25,000	75,000
VEHICLES/EQUIPMENT	0	40,000	0
WATER SUPPLY	12,644	50,000	205,000
TOTAL EXPENSES	\$657,054	\$325,000	\$1,100,000



**CITY OF WILLIAMSBURG  
UTILITY FUND - CAPITAL IMPROVEMENT PROGRAM SUMMARY  
FISCAL YEARS 2017-2021**

Project Title	5 - YEAR CAPITAL IMPROVEMENT PROGRAM						
	CARRYOVER FROM FY 2016	ADOPTED BUDGET FY 2017	FOR PLANNING PURPOSES ONLY				5 - YEAR TOTAL
			FY 2018	FY 2019	FY 2020	FY 2021	
<b>PUBLIC UTILITIES</b>							
<b>Water Supply</b>							
Watershed Protection/Water Quality	0	75,000	75,000	75,000	75,000	75,000	375,000
Waller Mill Dam Improvements	0	80,000	800,000	500,000	--	--	1,380,000
Water Treatment Improvements	0	50,000	50,000	50,000	50,000	50,000	250,000
<b>Water Distribution/Storage</b>							
Water System Improvements	0	60,000	60,000	60,000	60,000	60,000	300,000
Water Tank Roof Replacement	0	575,000	--	--	--	--	575,000
<b>Sewer Collection/Transmission System</b>							
Sewer System Rehab - SSO Program	0	125,000	100,000	100,000	100,000	100,000	525,000
Sewer Pump Station Reliability	0	60,000	--	55,000	--	60,000	175,000
<b>Water/Sewer System Contingency</b>							
Water/Sewer System - Contingency	0	75,000	75,000	75,000	75,000	75,000	375,000
<b>Vehicles/Equipment</b>							
Vehicles	0	--	105,000	130,000	--	--	235,000
<b>Total Utility Fund Capital Improvements</b>	<u>0</u>	<u>1,100,000</u>	<u>1,265,000</u>	<u>1,045,000</u>	<u>360,000</u>	<u>420,000</u>	<u>4,190,000</u>

**City Council Goal:** I. Character of the City  
**City Council Initiative:** Open Space Preservation

**Category:** Public Utilities

**Department:** Utility Fund

**Project Title:** Water Supply

**Project Description:** Watershed Protection/Water Quality

The City has been aggressive in purchasing watershed property for several decades to protect our drinking water source. The City now owns or has conservation easements on 60% of the watershed. Funding is set aside each year in case property becomes available. Money is also set aside for other initiatives such as forestry management, security improvements to the Plant and watershed (signage, access control).

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000

**Fiscal Impact:** While protecting the watershed around Waller Mill Reservoir will ensure a high quality water source, purchase or control of more property will result in a larger area to be managed, though additional operating costs would be minimal.

**Category:** Public Utilities

**Department:** Utility Fund

**Project Title:** Water Supply

**Project Description:** Waller Mill Dam Improvements

The City has an operation and maintenance permit for Waller Mill Dam from the Department of Conservation and Recreation (DCR). Due to new regulations, the dam went from a low hazard classification to a high hazard which may require a substantial amount of work to the dam.

The City was approved for a conditional permit extension until FY17-18. All required construction work needs to be completed by November 2018. The CIP over the next three years reflects both soft costs for dam inspections and construction work related to the inspections. The higher costs shown in FY17-18 reflect the substantial amount of work required on the dam as a result of the new regulations.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$80,000	\$800,000	\$500,000			\$1,380,000

**Fiscal Impact:** The impact is dependent on which type of solution is chosen, but any additional operating costs would be minimal.

**City Council Goal:** VII. Environmental Sustainability  
**City Council Initiative:** Water Plant Improvements

**Category:** Public Utilities

**Department:** Utility Fund

**Project Title:** Water Supply

**Project Description:** Water Treatment Improvements

Water treatment improvements include all facets of the Water Treatment Plant including raw water/finished water pumping, chemical applications, lab facilities, buildings/ structures, electrical improvements, piping projects, instrumentation and IT to name a few.

Improvements for FY17 include finalizing improvements to the chemical feed systems and IT improvements for Plant operations.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

**Fiscal Impact:** No fiscal impact.

**Category:** Public Utilities

**Department:** Utility Fund

**Project Title:** Water Distribution/Storage

**Project Description:** Water System Improvements

Examples of water system improvements include:

- Upgrade line size on developer installed systems (e.g. contribution to 16" extension to Fairfield Timeshares on Mooretown Road).
- Small line replacement program to improve water pressure in specific areas - past projects include Penniman Road, Tanyard Street, Middletown Farms, Ballard Lane (2015); and Nelson Avenue and Lafayette Street (2016).
- Master plan improvements – past projects include 12" water line extension to Strawberry Plains redevelopment project; 12" extension along Henry Street and Francis Street for improved flows to the Colonial Williamsburg Lodge and Inn area; York Street extension for redevelopment project.
- Upgrades/replacements of pipelines in conjunction with road construction/reconstruction projects (e.g. Treyburn Drive, Richmond Road Reconstruction, Braxton Court).

\$60,000 is budgeted in FY17 to extend and loop the existing 16" line on Mooretown Road to provide both reliability and improved fire flow. Replacement of small pipelines (galvanized) will continue using in-house personnel. Larger pipeline improvements/extensions are primarily paid for by development.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000

**Fiscal Impact:** Scheduled replacement of water system infrastructure should reduce operating costs. Water extensions add piping to the water system with minimal increases in operating and maintaining infrastructure.

**City Council Goal:** VII. Environmental Sustainability  
**City Council Initiative:** Water System Improvements

**Category:** Public Utilities

**Department:** Utility Fund

**Project Title:** Water Distribution/Storage

**Project Description:** Water Tank Roof Replacement

This project is for the replacement of the concrete roof on the million gallon ground storage tank at the Water Treatment Plant. The double-T reinforced concrete roof panels are starting to fail and need to be replaced.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$575,000					\$575,000

**Fiscal Impact:** No fiscal impact.

**City Council Goal:** VII. Environmental Sustainability  
**City Council Initiative:** Sanitary Sewer System Rehabilitation

**Category:** Public Utilities

**Department:** Utility Fund

**Project Title:** Sewer Collection/Transmission System

**Project Description:** Sewer System Rehab – SSO Program

The original consent order issued to all HRPDC localities by the State Department of Environmental Services was revised substantially. HRSD will now manage the more extensive SSO problems including the Regional Wet Weather Management Plan (RWWMP) and those associated improvements. The localities retained ownership of their respective collection systems and take care of structural deficiencies and issues associated with MOM (Management, Operation, Maintenance) of the sanitary sewer system. The City is setting aside money each year but substantially reduced from the allocations previously used when the city was solely responsible.

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$125,000	\$100,000	\$100,000	\$100,000	\$100,000	\$525,000

**Fiscal Impact:** These capital expenditures will be a driver in increasing utility rates. In the long run, however, upgrading the sewer system will reduce O&M costs.

**City Council Goal:** VII. Environmental Sustainability  
**City Council Initiative:** Sanitary Sewer System Rehabilitation

**Category:** Public Utilities

**Department:** Utility Fund

**Project Title:** Sewer Collection/Transmission System

**Project Description:** Sewer Pump Station Reliability/Improvements

There are 15 sewage pumping stations in the City. Since the City drains into shellfish waters, the stations are classified as Reliability Class I stations which provides for the strictest standards of reliability. For example, the stations are required to have emergency back up power or other means of operating the pumps in case of power failure. As part of the SSO consent order, a MOM (Management, Operation, Maintenance) report was developed for the sewer system that requires pump station improvements such as wet well cleaning of all stations. The following is a breakdown of the pump station improvements included in the CIP:

Station 13 – Stabilize area around station	FY17	\$60,000
Station 14 – Rehab wet well	FY19	\$55,000
Station 5 – Increase Capacity	FY21	\$60,000

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$60,000		\$55,000		\$60,000	\$175,000

**Fiscal Impact:** No fiscal impact.

**Category:** Public Utilities

**Department:** Utility Fund

**Project Title:** Water/Sewer System Contingency

**Project Description:** Water/Sewer System Contingency

Water and sewer system contingency must be budgeted to cover unforeseen items on a yearly basis. The utility must have the money reserved in order to continue to operate on a continuous basis. Examples of water and sewer contingencies include:

- Emergencies - major pipeline failures, drought
- Emergency sewer repairs/rehab
- Water pump/motor burn out
- Loss of power and emergency generator failure
- Drought requiring public notification campaign to conserve water
- Water/sewer line extensions at property owner request
- Contributions to new pump stations installed by development
- Capital project contingency

**Estimated Capital Budget:**

FY17	FY18	FY19	FY20	FY21	Total
\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000

**Fiscal Impact:** No impact.

**CITY OF WILLIAMSBURG**  
 Departmental Summary - By Fund

**VEHICLE REPLACEMENT FIVE-YEAR PLAN**

<u>FUND</u>	<u>DEPARTMENT</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
<b><u>SALES TAX</u></b>						
	BUILDING INSPECTION	\$28,000	\$28,000	\$28,000	\$0	\$0
	CITY MANAGER	\$30,000	\$0	\$0	\$0	\$0
	ENGINEERING	\$0	\$28,000	\$0	\$0	\$0
	FINANCE	\$30,000	\$28,000	\$0	\$0	\$0
	FIRE	\$186,000	\$455,000	\$750,000	\$413,000	\$0
	HUMAN SERVICES	\$25,000	\$0	\$0	\$35,000	\$0
	PLANNING	\$0	\$30,000	\$0	\$0	\$0
	POLICE	\$124,000	\$188,000	\$252,000	\$87,000	\$0
	PUBLIC WORKS	\$290,000	\$320,000	\$270,000	\$35,000	\$70,000
	RECREATION	\$30,000	\$0	\$14,000	\$0	\$0
	<b>SALES TAX TOTAL</b>	<b>\$743,000</b>	<b>\$1,077,000</b>	<b>\$1,314,000</b>	<b>\$570,000</b>	<b>\$70,000</b>
<b><u>UTILITIES</u></b>						
	PUBLIC UTILITIES	\$0	\$105,000	\$130,000	\$0	\$0
	<b>UTILITIES TOTAL</b>	<b>\$0</b>	<b>\$105,000</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>
	<b><u>GRAND TOTAL</u></b>	<b>\$743,000</b>	<b>\$1,182,000</b>	<b>\$1,444,000</b>	<b>\$570,000</b>	<b>\$70,000</b>

# City of Williamsburg - Vehicle Replacement Five-Year Plan

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
<b><u>BUILDING INSPECTION</u></b>							at 1-10-2016					
4129	2004	FORD	ESCAPE 4X4 SUV	Yes	No	14-765L	45,907	\$28,000	\$0	\$0	\$0	\$0
1132	2007	FORD	ESCAPE 4X4 - HYBRID	Yes	No	129016L	60,633	\$0	\$28,000	\$0	\$0	\$0
6573	2008	FORD	ESCAPE 4X4 SUV Hyrid	Yes	No	114731L	46,479	\$0	\$0	\$28,000	\$0	\$0
2679	2016	FORD	EXPLORER 4WD	No	No	172031L	1,491	\$0	\$0	\$0	\$0	\$0
<b>TOTAL BUILDING INSPECTION</b>								\$28,000	\$28,000	\$28,000	\$0	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
<b>CITY MANAGER</b>							at 1-10-2016					
3321	2006	CHEVROLET	4 DOOR SEDAN	No	Yes	114-724L	50,049	\$30,000	\$0	\$0	\$0	\$0
<b>TOTAL CITY MANAGER</b>								\$30,000	\$0	\$0	\$0	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
							at 1-10-2016					
<b>ENGINEERING</b>												
0724	2001	CHEVROLET	4 DOOR SEDAN IMPALA	No	Yes	49-452L	74,086	\$0	\$28,000	\$0	\$0	\$0
<b>TOTAL ENGINEERING</b>								\$0	\$28,000	\$0	\$0	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
							at 1-10-2016					
8281	2002	FORD	EXPLORER	No	Yes	49-458L	99,999	\$30,000	\$0	\$0	\$0	\$0
0780	2005	CHEVROLET	IMPALA 4 DR SEDAN	No	Yes	24-292L	48,225	\$0	\$28,000	\$0	\$0	\$0
<b>TOTAL FINANCE</b>								\$30,000	\$28,000	\$0	\$0	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
							at 1-10-2016					
<b>FIRE</b>												
8941	1949	MACK	FIRE TRUCK	No	No	16-977L	974	\$0	\$0	\$0	\$0	\$0
66	1988	HOMEMADE	BOAT TRAILER (ZODIAC)	No	No	84-728L		\$0	\$0	\$0	\$0	\$0
3086	1995	SUTPHEN	SQUAD/PUMPER	No	No	24-322L	34,122	\$0	\$0	\$0	\$0	\$0
8405	1998	HAULMARK	UTIL TRAILER	No	No	65-835L		\$0	\$0	\$0	\$0	\$0
0140	2000	PIERCE	FIRE TRUCK	No	No	40275L	54,112	\$0	\$0	\$750,000	\$0	\$0
5004	2004	CARGO	TRAILER	No	No	129018L		\$0	\$0	\$0	\$0	\$0
7761	2004	ACSI	DECONTAMINATION TRAI	No	Yes	84-725L		\$0	\$0	\$0	\$0	\$0
1409	2005	FORD	3/4 TON DIESEL 4X4 PICK	No	No	122-973L	61,522	\$0	\$42,000	\$0	\$0	\$0
2324	2005	FORD	EXPLORER 4x4	No	No	122-984L	55,693	\$38,000	\$0	\$0	\$0	\$0
5724	2006	FORD	F350 SUPERCAB	No	No	129-003L	44,282	\$55,000	\$0	\$0	\$0	\$0
8855	2006	CHEVROLET	TAHOE - SUV	No	No	123-000L	60,709	\$38,000	\$0	\$0	\$0	\$0
0700	2008	CHEVROLET	4 DOOR IMPALA	No	No	114733L	50,070	\$0	\$38,000	\$0	\$0	\$0
2410	2008	CHEVROLET	4 DOOR IMPALA	No	No	114734L	51,368	\$0	\$0	\$0	\$38,000	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
8061	2008	GMC	AMBULANCE	No	Yes	159651L	72,501	\$0	\$375,000	\$0	\$0	\$0
2256	2009	FORD	F-350 DIESEL 4x4 PU	No	No	129042L	46,608	\$55,000	\$0	\$0	\$0	\$0
2042	2011	PIERCE	PUMPER	No	No	159672L	29,911	\$0	\$0	\$0	\$0	\$0
6972	2011	FORD	PIERCE RESCUE	No	No	159653L	2,882	\$0	\$0	\$0	\$0	\$0
8179	2011	VMA/PAMU	CARGO TRAILER	No	No	159682L		\$0	\$0	\$0	\$0	\$0
2818	2012	PIERCE	QUANTUM FIRE TRUCK	No	No	172004L	12,001	\$0	\$0	\$0	\$0	\$0
4115	2013	HORTON	HORTON AMBULANCE	No	Yes	172015L	39,287	\$0	\$0	\$0	\$375,000	\$0
RC313	2013	WING	INFLATABLE 15' 6"	No	No			\$0	\$0	\$0	\$0	\$0
2025	2014	FORD	SUV INTERCEPTOR WHI	No	No	172019L	18,819	\$0	\$0	\$0	\$0	\$0
3398	2014	SCOTTY	SAFE HOUSE	No	No	172023L		\$0	\$0	\$0	\$0	\$0
7593	2014	LOAD RITE	BOAT TRAILER/16' JON B	No	No	172025L		\$0	\$0	\$0	\$0	\$0
6509	2016	ROAD RESCUE	FREIGHTLINER AMBULAN	No	No	172033L	1,762	\$0	\$0	\$0	\$0	\$0
<b>TOTAL FIRE</b>								<b>\$186,000</b>	<b>\$455,000</b>	<b>\$750,000</b>	<b>\$413,000</b>	<b>\$0</b>

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
							at 1-10-2016					
<b>HUMAN SERVICES</b>												
1666	2008	GMC	12 PASSENGER VAN	No	No	114735L	40,169	\$0	\$0	\$0	\$35,000	\$0
4069	2008	FORD	FUSION 4 DOOR	No	No	129031L	95,757	\$25,000	\$0	\$0	\$0	\$0
9026	2013	GMC	12 PASSENGER VAN	No	No	172013L	8,226	\$0	\$0	\$0	\$0	\$0
9878	2015	DODGE	CARAVAN	No	No	172028L	5,593	\$0	\$0	\$0	\$0	\$0
<b>TOTAL HUMAN SERVICES</b>								\$25,000	\$0	\$0	\$35,000	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
							at 1-10-2016					
<b>PLANNING</b>												
3188	2005	DODGE	CARAVAN	No	No	16-998L	38,292	\$0	\$30,000	\$0	\$0	\$0
<b>TOTAL PLANNING</b>								\$0	\$30,000	\$0	\$0	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
							at 1-10-2016					
<b>POLICE</b>												
5565	1999	SCAT	UTIL TRL	No	No	26-950L		\$0	\$0	\$0	\$0	\$0
5572	2003	TEXAS BRAGG	TRAILER-CONE	No	No	111793L		\$0	\$0	\$0	\$0	\$0
5075	2006	FORD	VAN (CARGO)	No	No	KBB2595	85,275	\$40,000	\$0	\$0	\$0	\$0
0900	2007	HARLEY	FLPI-MOTORCYCLE	No	No	2199L		\$0	\$20,000	\$0	\$0	\$0
6839	2010	FORD	CROWN VIC (NON REPLA	No	No	114-749L	95,402	\$0	\$0	\$0	\$0	\$0
1609	2011	FORD	4D CROWN VIC	No	No	XCC9355	34,854	\$0	\$42,000	\$0	\$0	\$0
1610	2011	FORD	4D CROWN VIC	No	No	ECN1102	54,370	\$0	\$0	\$42,000	\$0	\$0
8779	2011	FORD	CROWN VIC (PATROL)	No	No	159673L	65,511	\$0	\$42,000	\$0	\$0	\$0
3157	2012	FORD	SUV ESCAPE XLT	No	No	159683L	18,903	\$0	\$0	\$0	\$42,000	\$0
1333	2013	FORD	SUV INTERCEPTOR (PAT	No	No	172008L	36,175	\$0	\$42,000	\$0	\$0	\$0
1334	2013	FORD	SUV INTERCEPTOR (PAT	No	No	172009L	83,737	\$42,000	\$0	\$0	\$0	\$0
1335	2013	FORD	SUV INTERCEPTOR (PAT	No	No	172010L	71,136	\$42,000	\$0	\$0	\$0	\$0
1337	2013	FORD	SUV INTERCEPTOR (PAT	No	No	172012L	48,038	\$0	\$42,000	\$0	\$0	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
5873	2013	JEEP	WRANGLER	No	No	172016L	12,879	\$0	\$0	\$0	\$0	\$0
2023	2014	FORD	SUV INTERCEPTOR (PAT	No	No	172017L	48,112	\$0	\$0	\$42,000	\$0	\$0
2024	2014	FORD	SUV INTERCEPTOR (PAT	No	No	172018L	45,418	\$0	\$0	\$42,000	\$0	\$0
2026	2014	FORD	SUV INTERCEPTOR (UN	No	No	WNN4064	19,461	\$0	\$0	\$42,000	\$0	\$0
2068	2014	SMART	RADAR TRAILER	No	No	172-027L		\$0	\$0	\$0	\$0	\$0
4689	2014	SMART	LOW SPEED VEHICLE	No	No	172020L	3,689	\$0	\$0	\$0	\$0	\$0
6293	2014	FORD	SUV INTERCEPTOR (PAT	No	No	172022L	34,844	\$0	\$0	\$42,000	\$0	\$0
9778	2014	FORD	FORD - INTERCEPTOR Se	No	No	WNR8302	21,457	\$0	\$0	\$42,000	\$0	\$0
3935	2015	FORD	4D INTERCEPTOR UNMA	No	No	172034L	314	\$0	\$0	\$0	\$0	\$0
6999	2015	CHEVROLET	TAHOE K1500	No	No	VBC7971	18,596	\$0	\$0	\$0	\$45,000	\$0
3753	2016	FORD	UNMARKED SUV INTERC	No	No	VHV8535		\$0	\$0	\$0	\$0	\$0
<b>TOTAL POLICE</b>								<b>\$124,000</b>	<b>\$188,000</b>	<b>\$252,000</b>	<b>\$87,000</b>	<b>\$0</b>

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
<b>PUBLIC UTILITIES</b>							at 1-10-2016					
0537	1966	COX	BOAT TRAILER	No	No	16-978L		\$0	\$0	\$0	\$0	\$0
1382	1992	FORD	SEWER CLEANER	No	No	93-898L	38,026	\$0	\$30,000	\$0	\$0	\$0
A393	1993	Caroline Skiff	16'8 Lenth	No	No			\$0	\$0	\$0	\$0	\$0
5640	1994	WILLIAMS	UTIL TRAILER	No	No	24-294L		\$0	\$0	\$0	\$0	\$0
1105	1996	GATOR	UTIL VEH	No	No			\$0	\$0	\$0	\$0	\$0
7816	2002	DODGE	3/4 TON PICKUP	No	No	49-500L	96,718	\$0	\$35,000	\$0	\$0	\$0
0152	2003	VENTURE	BOAT TRAILER	No	No	84-730L		\$0	\$0	\$0	\$0	\$0
1549	2004	VACTOR	MODEL 2103 SEWER CLE	No	No	11-4704L	15,515	\$0	\$0	\$100,000	\$0	\$0
7493	2005	FORD	F350 3/4 TON UTILITY TR	No	No	122999L	57,933	\$0	\$40,000	\$0	\$0	\$0
8245	2006	FORD	VAN-CAMERA TRUCK	No	No	114-748L	21,523	\$0	\$0	\$0	\$0	\$0
0423	2007	GMC	PICKUP TRUCK	No	No	129017L	70,208	\$0	\$0	\$30,000	\$0	\$0
4708	2008	CASE	580L BACKHOE	No	No		3,445	\$0	\$0	\$0	\$0	\$0
9610	2011	YAMAHA	50HP OUTBOARD MOTOR	No	No	NA		\$0	\$0	\$0	\$0	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
4686	2012	CHEVROLET	1/2 TON PICKUP TRUCK	No	No	172003L	14,626	\$0	\$0	\$0	\$0	\$0
8374	2013	FORD	EXPLORER	No	No	172006L	25,571	\$0	\$0	\$0	\$0	\$0
2742	2014	FORD	F150 PICKUP TRUCK	No	No	172024L	8,989	\$0	\$0	\$0	\$0	\$0
1394	2015	CHEVROLET	4 WHEEL SILVERADO PU	No	No	172035L		\$0	\$0	\$0	\$0	\$0
7798	2015	INTERNATIONAL	DUMP TRUCK	No	No	172029L	1,702	\$0	\$0	\$0	\$0	\$0
<b>TOTAL PUBLIC UTILITIES</b>								\$0	\$105,000	\$130,000	\$0	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
<b><u>PUBLIC WORKS</u></b>							at 1-10-2016					
0111	0000		WATER TANK	No	No	NA		\$0	\$0	\$0	\$0	\$0
1117	1999	FORD	F150 PICKUP TRUCK	No	No	19-409L	61,159	\$0	\$30,000	\$0	\$0	\$0
0002	2000	FORD	DUMP/PLOW/SPREADER	No	No	172036L	32,351	\$0	\$75,000	\$0	\$0	\$0
3268	2000	FORD	TRACTOR	No	No		1,027	\$0	\$0	\$0	\$0	\$0
5298	2000	HAULMARK	ENCLOSED UTILITY TRAI	No	No	40-280L		\$0	\$0	\$0	\$0	\$0
9827	2000	FORD	DUMP/PLOW/SPREADER	No	No	16-996L	46,580	\$0	\$75,000	\$0	\$0	\$0
9828	2000	FORD	DUMP/PLOW/SPREADER	No	No	16-994L	40,074	\$0	\$75,000	\$0	\$0	\$0
5972	2001	FORD	4 DOOR SEDAN	No	Yes	49-459L	69,385	\$0	\$0	\$0	\$0	\$0
9479	2001	GMC	1/2 TON 4X4 PICKUP	No	No	49-454L	80,719	\$0	\$35,000	\$0	\$0	\$0
2476	2002	CASE	BACKHOE	No	No	n/a	4,087	\$0	\$0	\$70,000	\$0	\$0
5086	2002	BOBCAT	TRACK LOADER	No	No	n/a	54,368	\$60,000	\$0	\$0	\$0	\$0
5293	2003	Mid Atlantic	UTIL TRAILER	No	No	26-938L		\$0	\$0	\$0	\$0	\$0
3664	2004	BRI-MAR	2 AXLE DUMP TRAILER	No	No	24-260L		\$0	\$0	\$0	\$0	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
5881	2004	ELGIN	WHIRLWIND STREET SW	No	No	19-412L	43,169	\$230,000	\$0	\$0	\$0	\$0
0155	2006	HUDSON	UTIL TRAILER	No	No	129020L		\$0	\$0	\$0	\$0	\$0
0995	2006	GMC	PU TRUCK	No	No	114-721L	59,036	\$0	\$0	\$30,000	\$0	\$0
1608	2006	FORD	DUMP TRUCK	No	No	129025L	32,718	\$0	\$0	\$70,000	\$0	\$0
1827	2006	CARRYON	CARRY ON TRL	No	No	172007L		\$0	\$0	\$0	\$0	\$0
4706	2006	CURRAHEE	UTIL TRL	No	No	129006L		\$0	\$0	\$0	\$0	\$0
9142	2006	GMC	PU TRUCK C2500	No	No	114-722L	50,463	\$0	\$0	\$30,000	\$0	\$0
9151	2006	GMC	PU TRUCK SIERRA	No	No	114-723L	63,734	\$0	\$30,000	\$0	\$0	\$0
0869	2007	FORD	EXPLORER 4 x 4	No	No	114729L	55,128	\$0	\$0	\$35,000	\$0	\$0
2835	2008	FORD	3/4 TON PICKUP	No	No	114740L	34,483	\$0	\$0	\$35,000	\$0	\$0
4698	2008	CASE	580L BACKHOE	No	No		3,805	\$0	\$0	\$0	\$0	\$70,000
8498	2008	INTERNATIONAL	DUMP TRUCK	No	No	114732L	10,954	\$0	\$0	\$0	\$0	\$0
0931	2009	FORD	F-250 GAS 4X2 PU	No	No	129043L	52,408	\$0	\$0	\$0	\$35,000	\$0

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
2018S	2012	FORD	PICKUP TRUCK	No	No	172001L	29,083	\$0	\$0	\$0	\$0	\$0
6236	2012	VOLVO	ROLLER	No	No		119	\$0	\$0	\$0	\$0	\$0
9242	2012	FORD	BUCKET TRUCK	No	Yes	172014L	4,111	\$0	\$0	\$0	\$0	\$0
9442	2012	FORD	F250 CREWCAB	No	No	172005L	14,613	\$0	\$0	\$0	\$0	\$0
0200	2013	WORKMAN	GATOR-WORKMAN	No	No	NA	365	\$0	\$0	\$0	\$0	\$0
22222	2014	SPREADER/SANDE	SPREADER/SANDER	No	No			\$0	\$0	\$0	\$0	\$0
8232	2014	JOHN DEERE	LEAF BOX-BLSH TRAILER	No	No	172026L		\$0	\$0	\$0	\$0	\$0
4273	2015	FORD	F150 CREW CAB 4 X 2	No	No	172032L	1,808	\$0	\$0	\$0	\$0	\$0
7797	2015	INTERNATIONAL	DUMP TRUCK/PLOW/SPR	No	No	172030L	1,158	\$0	\$0	\$0	\$0	\$0
<b>TOTAL PUBLIC WORKS</b>								\$290,000	\$320,000	\$270,000	\$35,000	\$70,000

<u>Unit No</u>	<u>Year</u>	<u>Make</u>	<u>Description</u>	<u>Hybrid?</u>	<u>Future - Potential- Alternative Fuel?</u>	<u>License No.</u>	<u>Mileage</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
<b>RECREATION</b>							at 1-10-2016					
5169	1994	TRITON	UTIL TRAILER	No	No	19-406L		\$0	\$0	\$2,000	\$0	\$0
2171	2006	CHEVROLET	PU CREW CAB	No	No	129-004L	88,502	\$30,000	\$0	\$0	\$0	\$0
1177	2010	JOHN DEERE	UTIL VEHICLE - TX4X2	No	No	NA		\$0	\$0	\$12,000	\$0	\$0
2427	2010	Yamaha 25 HP	OUTBOARD MOTOR-Yam	No	No	NA		\$0	\$0	\$0	\$0	\$0
4845	2011	CHEVROLET	PICKUP 4WD	No	No	159675L	30,150	\$0	\$0	\$0	\$0	\$0
0360	2014	JOHN DEERE	TRACTOR- BUNKER/RAK	No	No	NA		\$0	\$0	\$0	\$0	\$0
2901	2014	JOHN DEERE	UTIL VEHICLE - GATOR	No	No	NA		\$0	\$0	\$0	\$0	\$0
0292	2015	JOHN DEERE	TRACTOR-BUNKER/RAKE	No	No	NA		\$0	\$0	\$0	\$0	\$0
0871	2015	JOHN DEERE	TRACTOR-1027R	No	No	NA		\$0	\$0	\$0	\$0	\$0
2981	2015	JOHN DEERE	UTIL VEHICLE 4X2	No	No	NA		\$0	\$0	\$0	\$0	\$0
6350	2015	JOHN DEERE	MOWER X320 WITH 48X	No	No	NA		\$0	\$0	\$0	\$0	\$0
<b>TOTAL RECREATION</b>								\$30,000	\$0	\$14,000	\$0	\$0



## CITY OF WILLIAMSBURG

### MEMORANDUM

---

**TO: Mayor and City Council  
Planning Commission**

**DATE: January 15, 2016**

**SUBJECT: Capital Improvements for FY16 - Status of Current Projects**

The following list details the allocated costs and status of capital improvement projects in FY16 (this budget year). Total allocated capital improvements/projects spending for FY16 including debt service and prior year's carryover is \$20,067,127.

### **PUBLIC WORKS**

#### **Street Construction**

Repaving Program - \$1,000,000 allocated. City was approved for VDOT Revenue Sharing Funds (50-50 split) for repaving in the amount of \$1 million. Streets are scheduled to be paved in the April-June 2016 timeframe. Streets included are Idlewood, Griffin, Cary, Wythe, Pollard Park, Norfolk, Lafayette, Richmond, Burns, Goodwin, Powell, Monumental, Hamilton, Grove, Tanyard, North Boundary, Library/Stryker and Fire Department lots.

Ironbound Road (Richmond Road to DePue Drive) - \$150,000 allocated. The plan widens Ironbound Road from Richmond Road to DePue Drive. Phase I involves relocating Longhill Road and moving the Ironbound/Longhill Road intersection to the west. The intersection will be a 4-legged signalized intersection providing access to the Aldi grocery development. The work is being coordinated with the redevelopment of James Blair School to be completed prior to the fall 2018 school opening.

Monticello Avenue (Richmond Road to Treyburn Drive) - \$50,000 allocated. Improvements to Monticello Avenue will occur as part of the redevelopment of Williamsburg Shopping Center. Options range from allowing parking on Monticello Avenue to widening to five lanes.

#### **Corridor Enhancement/Underground Wiring**

Bridge Inspections - \$95,000 allocated. The City owns and maintains five bridges: Page Street, Capitol Landing, Merrimac Trail, Bypass Road, and Quarterpath Road. Bridges will be inspected in spring 2016 and maintenance work will be scheduled in FY17.

York Street Corridor Improvement - \$363,000 allocated. Project including curbing, sidewalk, paving, and landscaping was completed in January 2016.

Underground Wiring Projects - \$1,300,000 allocated. All three projects (South Henry Street, York Street, and Second Street) are scheduled for FY16-17. Based on discussions with the utility companies, the projects will need to be completed sequentially and not at the same time due to their complexity and manpower. City Council authorized the construction of the South Henry Street project in December 2015 which should be completed by the end of FY16. York Street and Second Street projects can follow in the FY17-18 timeframe dependent on funding availability.

### **Pedestrian and Bicycle Improvements**

Pedestrian Facility Improvements - A brick sidewalk was installed along Scotland Street from Braxton Court in front of First Baptist Church to the Church parking lot in December 2015 at a cost of \$45,000. The sidewalk was installed in preparation for the February 2016 "Let Freedom Ring" event at the Church.

Bicycle Facility Improvements - \$1,249,000 allocated. This project builds a Shared-Use Path on Monticello Avenue from the William and Mary School of Education to Ironbound Road upon receiving a Transportation Alternatives Program (TAP) grant (20% local match required). The City applied for, but was not awarded a TAP grant in FY16. A new application was submitted in October 2015 and the grant awards will be announced in May/June 2016. The local match will be shared by the City and the College of William and Mary if awarded.

### **Stormwater Management**

Stormwater Management Projects - \$75,000 allocated. The City's Total Maximum Daily Load (TMDL) Action Plan for nutrients/sediments prepared by a consultant and City Engineer was submitted and approved by the Virginia Department of Environmental Quality (DEQ). A TMDL Action Plan for bacteria is underway and is due in October 2016.

## **RECREATION AND OPEN SPACE**

### **Facilities**

Quarterpath Park Improvements - \$235,200 allocated. The planned improvements include rebuilding softball fields #1, #2 and #3, and plan and design work for an addition to Quarterpath Recreation Center. Project has been delayed due to staff vacancies in the Parks and Recreation Department. Projects will be reprogrammed in FY17.

Kiwanis Park Improvements - \$236,250 allocated. This project includes replacing the playground and shelter and adding an accessible route. Project has been delayed due to staff vacancies in the Parks and Recreation Department. Project will be reprogrammed in FY17.

Waller Mill Park Improvements - \$44,100 allocated (\$690,000 carried over from FY15). This project includes milling, repaving and striping the parking lot at the park. Project will be reprogrammed for FY17 after the dock and pier replacement projects have been completed.

## **PUBLIC SAFETY**

### **Facilities**

E-911 Regional Center Expansion - \$45,000 allocated. This project combined the City's E-911 Center with York County, and was fully implemented in July 2009. \$45,000 is required annually to cover debt service on the building expansion.

### **Equipment**

Portable Radio Replacement - \$60,000 allocated (\$198,082 total project cost). This project includes replacing 12 existing portable radios assigned to each member of the Fire Department and replacing 12 additional radios in FY17. The 12 replacement radios for FY16 were delivered in December 2015.

Self-Contained Breathing Apparatus Replacement and Upgrade - \$37,000 allocated. The department did not receive the regional "Assistance to Firefighters" grant to replace existing air packs. Total cost of the equipment for Williamsburg was projected to be \$203,022, with a local match of \$20,000 (10%) required. An additional \$17,000 was allocated to continue a staggered replacement plan for current SCBA air bottles nearing the end of their 15-year life span. Twelve used SCBA bottles costing \$1,980 each with 7-10 year remaining life span will be purchased in January 2016.

Prince George Parking Garage Equipment Replacement - \$160,000 allocated. This project has been postponed pending the completion of the Downtown Parking Study; projected to be completed by July 2016. This project will be reprogrammed in FY17.

Weapon Safety Equipment - \$22,000 allocated. Project completed in January 2016.

## **GENERAL GOVERNMENT**

### **Facilities**

Stryker Center - \$6,542,350 allocated (carryover from FY14). The Stryker Center includes the City Council chamber, meeting rooms, administrative space for the Williamsburg Regional Library, and exhibition, gallery and reception spaces. The new facility is scheduled to open in March 2016.

Parking Terrace Rehab - \$150,000 allocated. This project includes maintenance and repair work to the Parking Terrace in City Square. This project will be reprogrammed for FY17 due to the need for additional parking spaces during construction of the Stryker Center. The condition assessment is complete and the scope of work has been identified. Plans need to be completed and the project will be put out to bid during FY16.

Train Station Windows - \$30,000 allocated. Contract has been awarded and the work is in process to be completed by spring 2016.

Property Demolition Projects - \$200,000 allocated. Both the Country Hearth Inn and White Lion motels on Capitol Landing Road have been demolished and the sites restored ready for redevelopment.

City Shop Roof Replacement - \$45,000 allocated. The City Shop roof was replaced in fall 2015.

### **Information Technology**

PC Replacement Program - \$30,000 allocated. This ongoing program ensures the adequacy of all City computers through a replacement schedule, which is currently a four year cycle.

Firewall Replacement - \$40,000 allocated. Equipment has been configured and installed. This project was completed in fall 2015.

Network Infrastructure Replacement - \$125,000 allocated. Equipment has been configured and installed. This project was completed in fall 2015.

Arts District WiFi - \$20,000 allocated. Initial site evaluation is complete. Evaluating equipment locations and functionality will begin in the spring. Completion anticipated in June 2016.

### **Vehicles**

Vehicle Replacement Plan - \$941,500 allocated. This ongoing program is to ensure that that City's aging vehicle fleet is replaced according to a set

schedule based on vehicle miles and overall vehicle condition. A new pumper fire truck has been ordered and is scheduled to be delivered in summer 2016.

Capital Contingency - \$300,000 allocated (plus \$171,594 in carryover from FY15). Contingency funds were approved by City Council during FY15 to pay for construction management and LEED certification services for the Stryker Center. The balance of capital contingency funds at the end of December 2015 was \$344,129. The remainder of these funds will be available for unexpected capital costs exceeding \$20,000 that are not otherwise available in other project line-items.

## **AGENCIES/INTERJURISDICTIONAL**

### **Facilities**

Williamsburg Library HVAC Replacements and Renovation - \$335,000 allocated. This project was approved by City Council in January 2016. The project involves replacement of the existing chiller and is scheduled to be completed by the end of FY16.

Courthouse Maintenance Projects - \$150,000 allocated. The Clerk of the Circuit Court collects and remits a courthouse maintenance fee of \$2 for each civil and criminal action and/or traffic case in the District or Circuit Courts for Williamsburg and James City County. The balance of the Fund is available for projects approved by the governing bodies. Balance as of December 2015 is \$142,000.

Courthouse Roof Replacement - The \$142,000 balance of the Courthouse Maintenance Fund will be used towards the \$703,000 courthouse roof replacement contract approved by the JCC Board of Supervisors in November 2015. Preliminary plans are to share the remaining costs (\$561,000) between the City/James City County in the current population ratio split 17.5%/82.5%, according to the Courthouse Agreement of 1996. The \$100,000 budgeted for FY16 will cover the City's remaining share of the roof replacement cost.

Affordable Senior Housing Initiative - \$20,000 allocated. The Blayton property redevelopment Phase 1 feasibility study was completed in spring 2015. Phase 2 of the study is scheduled for completion in February 2016.

Fourth Middle School - \$2,584,000 allocated. Estimated City share budgeted at \$2,584,000 for FY16. Actual share has not been negotiated as of January 2016.

School Renovation Projects - \$326,044 allocated (plus \$1,215,546 carryover from FY15). City contribution to various capital expenditures for the joint Williamsburg-James City County school system. FY16 projects include Jamestown High School roof underlayment and track/tennis court resurfacing, Clara Byrd Baker exterior masonry repairs, bus loop canopy at DJ Montague, and James River roof replacement. Remaining funds for any projects not completed at fiscal year-end are carried forward to the following year.

A handwritten signature in black ink that reads "Jodi M. Miller". The signature is written in a cursive, flowing style.

Jodi M. Miller, ICMA-CM  
Deputy City Manager



## CITY OF WILLIAMSBURG

### MEMORANDUM

---

**TO:** Marvin E. Collins III, City Manager

**DATE:** February 17, 2016

**SUBJECT:** Capital Improvement Program

The Williamsburg Planning Commission has finished its review of the proposed Five Year Capital Improvement Program. The Commission held a public hearing on January 13 and a work session on February 3. Following its discussions on the CIP, the consensus of the Commission is to support the proposed Five Year Capital Improvement Program with the following comments:

#### **Underground Wiring**

The Commission supports Second Street as the top priority City-funded underground wiring project (FY17). The Commission feels that a better explanation is needed for the prioritization of the York Street project (FY18) – why is it needed and why is it so expensive. Any underground wiring done on Lafayette Street in the future should be in conjunction with other work in the Midtown Planning Area (demolition, repaving, sidewalks, etc.).

#### **Midtown Planning Area**

The Commission feels that the advancement of projects in the Midtown area along Monticello Avenue and Lafayette Street should be done in a cost effective way and in conjunction with other activities undertaken by the City and/or private developers.

#### **Parks and Recreation**

The Commission supports the development of a Parks, Recreation and Cultural Master Plan to determine future priorities.

#### **Biennial GIO Planning Initiatives**

The Commission supports the Biennial GIO Planning Initiatives as outlined by the City Manager, but notes that they will need to be completed over time.

#### **Enterprise Resource Planning System Replacement**

The Commission supports as a high priority the replacement of the Enterprise Resource Planning System that will provide support for a new financial management system.

The Commission looks forward to continuing its partnership with you and your staff in developing and implementing the City's Capital Improvement Program.

Demetrios Florakis, Chair  
Williamsburg Planning Commission

# Capital Improvements

CITY OF WILLIAMSBURG

GENERAL FUND - OPERATING IMPACT OF CAPITAL PROJECTS - FISCAL YEAR 2017

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
<b>PUBLIC WORKS</b>						
<b>Street Construction</b>						
Repaving Program	\$0	\$0	\$0	\$0	\$0	\$0
Major Road Projects	\$0	\$0	\$0	\$0	\$0	\$0
Traffic Signal Improvements	\$0	\$0	\$0	\$0	\$0	\$0
Bridge Inspections	\$0	\$0	\$0	\$0	\$0	\$0
<b>Corridor Enhancement / Underground Wiring</b>						
Underground Wiring Projects	\$0	\$0	\$0	\$0	\$0	\$0
<b>Pedestrian and Bicycle Improvements</b>						
Pedestrian Facility Improvements	\$0	\$0	\$0	\$0	\$0	\$0
Bicycle Facility Improvements	\$0	\$0	\$500	\$500	\$500	\$1,500
<b>Stormwater Management</b>						
Stormwater Management Projects	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Public Works</b>	\$0	\$0	\$500	\$500	\$500	\$1,500
<b>RECREATION AND OPEN SPACE</b>						
<b>Facilities</b>						
Quarterpath Park Improvements	\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$10,000
Kiwanis Park Improvements	\$1,000	\$2,500	\$2,500	\$2,500	\$2,500	\$11,000
Waller Mill Park Improvements	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Recreation and Open Space</b>	\$1,000	\$5,000	\$5,000	\$5,000	\$5,000	\$21,000
<b>PUBLIC SAFETY</b>						
<b>Facilities</b>						
E-911 Regional Center - Expansion **	\$0	\$0	\$0	\$0	\$0	\$0
<b>Equipment</b>						
Portable Radio Replacement	\$0	\$0	\$0	\$0	\$0	\$0
Breathing Apparatus	\$0	\$0	\$0	\$0	\$0	\$0
Parking Garage Equipment Replacement	\$0	\$0	\$0	\$0	\$0	\$0
Stretcher Replacement	\$0	\$0	\$0	\$0	\$0	\$0
Police Body Worn Cameras	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Public Safety</b>	\$0	\$0	\$0	\$0	\$0	\$0
<b>GENERAL GOVERNMENT</b>						
<b>Facilities</b>						
Fire Station Renovation (study)	\$0	\$0	\$0	\$0	\$0	\$0
Parking Terrace Rehab	-\$1,000	-\$1,000	-\$1,000	-\$1,000	-\$1,000	-\$5,000
<b>Information Technology</b>						
PC Replacement Program	\$0	\$0	\$0	\$0	\$0	\$0
Firewall Replacement	\$0	\$0	\$0	\$0	\$0	\$0
ERP System Replacement***	\$20,000	\$20,000	\$20,000	\$20,000	\$40,000	\$120,000
<b>Vehicles</b>						
Vehicle Replacement Plan	\$0	\$0	\$0	\$0	\$0	\$0
Capital Projects - Contingency	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total General Government</b>	\$19,000	\$19,000	\$19,000	\$19,000	\$39,000	\$115,000
<b>AGENCIES / INTERJURISDICTIONAL</b>						
<b>Facilities</b>						
Williamsburg Library Renovations	\$500	\$800	\$800	\$800	\$800	\$3,700
Courthouse Mtce. Projects (contingency)	\$0	\$0	\$0	\$0	\$0	\$0
<b>Housing Programs</b>						
Affordable Housing Initiative	\$0	\$0	\$0	\$0	\$0	\$0
<b>Schools - Contribution</b>						
School/Renovation Projects	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Agencies / Jurisdictional</b>	\$500	\$800	\$800	\$800	\$800	\$3,700
<b>Total Additional Operational Costs</b>	\$20,500	\$24,800	\$25,300	\$25,300	\$45,300	\$141,200

\* Estimated impact on operating costs are assumed to begin in project year, and continue thereafter.

\*\* E-911 service consolidation with neighboring York County in 2009 results in General Fund operational savings of approximately \$150,000 to \$200,000 per year, net of capital contributions in five-year CIP

\*\*\*ERP software support costs are estimated to be \$40,000 annually, \$20,000 per year above the current level of support, and budgeted in the Information Technology department.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
<b>PUBLIC UTILITIES</b>						
<b>Water Supply</b>						
Watershed Protection/Water Supply	\$0	\$0	\$0	\$0	\$0	\$0
Waller Dam Improvements	\$0	\$0	\$0	\$0	\$0	\$0
Water Treatment Improvements	\$200	\$200	\$200	\$200	\$0	\$800
<b>Water Distribution/Storage</b>						
Water System Improvements	\$0	\$0	\$0	\$0	\$0	\$0
Water Tank Roof Replacement	\$0	\$0	\$0	\$0	\$0	\$0
<b>Sewer Collection/Transmission System</b>						
Sewer System Rehab - SSO	-\$1,500	-\$1,500	-\$1,500	-\$1,500	-\$1,500	-\$7,500
Sewer Pump Station Reliability	\$0	\$0	\$0	\$0	\$0	\$0
<b>Water/Sewer System Contingency</b>						
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
<b>Vehicles/Equipment</b>						
Equipment (replacement)	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Additional Operational Costs</b>	<b>-\$1,300</b>	<b>-\$1,300</b>	<b>-\$1,300</b>	<b>-\$1,300</b>	<b>-\$1,500</b>	<b>-\$6,700</b>

\* Estimated impact on operating costs are assumed to begin in project year, and continue thereafter.