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# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Benjamin Stoddert M.S. RTU/Boiler Replacement</b>	Existing Capacity 100% New Capacity	Requested By: BOE Project #: 5134 Goal: 5			
<p>The need is for a systemic renovation at Stoddert Middle School, which opened in 1977 and is located in Smallwood Village in the St. Charles subdivision. The two boilers and pumps, 11 RTU's, and two AHU's are original equipment from when the building was constructed in the mid 1970's and are approaching the end of their useful life. Installation of new units is proposed to increase overall efficiency of the heating system and reduce operating costs. Charles County Public Schools recently commissioned a team of consultants to provide a budget and scope analysis for mechanical, electrical, and plumbing. Their evaluation of the project and scope of work showed the need to increase the budget. Local funding to initiate planning was approved in FY 2015. State funding will be requested in FY2016.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$4,545	\$0	\$0	\$0	\$4,545
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	0.0%	n/a	n/a	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$334	\$0	\$334
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	4,247	0	0	0	0	4,247	0	0	4,247
Equipment	0	0	0	0	0	0	0	0	0
Administration	1	0	0	0	0	1	1	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	297	0	0	0	0	297	0	0	297
<b>Total Outlay</b>	<b>\$4,545</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,545</b>	<b>\$335</b>	<b>\$0</b>	<b>\$4,880</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$2,388	\$0	\$0	\$0	\$0	\$2,388	\$335	\$0	\$2,723
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
Total County Funding	\$2,388	\$0	\$0	\$0	\$0	\$2,388	\$335	\$0	\$2,723
Federal	0	0	0	0	0	0	0	0	0
State	2,157	0	0	0	0	2,157	0	0	2,157
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$4,545</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,545</b>	<b>\$335</b>	<b>\$0</b>	<b>\$4,880</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	202.9	202.9	202.9	202.9	30.1	202.9
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$202.9</b>	<b>\$202.9</b>	<b>\$202.9</b>	<b>\$202.9</b>	<b>\$30.1</b>	<b>\$202.9</b>

**LOCATION:**  
Benjamin Stoddert Middle School

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>Full-Day Kindergarten Addition: Matula E.S.</b>	New Capacity	Project #: 5121			
<b>Goal: 5</b>					
<p>There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Mary H. Matula Elementary School in La Plata. This school opened in 1992 with two kindergarten classrooms and one pre-kindergarten classroom. Additional spaces were appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Matula currently houses five kindergarten classes and one pre-kindergarten class. An addition is proposed to contain five kindergarten classrooms. The current two kindergarten classrooms will be renovated to house the pre-kindergarten program with inclusion provisions. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. The remaining kindergarten classroom will be converted for use as a regular classroom. Planning was approved in FY2009. Construction funding is requested in FY2016 and FY2017.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$1,487	\$1,994	\$0	\$0	\$3,481
<b>Increase/(Decrease)</b>	<b>\$1,994</b>	<b>(\$1,994)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	134.1%	-100.0%	n/a	n/a	0.0%
					<i>State funding was moved up from FY 2017 to FY 2016.</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$370	\$0	\$370
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	3,242	0	0	0	0	3,242	0	0	3,242
Equipment	218	0	0	0	0	218	0	0	218
Administration	2	0	0	0	0	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	77	0	77
Contingency	19	0	0	0	0	19	0	0	19
<b>Total Outlay</b>	<b>\$3,481</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,481</b>	<b>\$447</b>	<b>\$0</b>	<b>\$3,928</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$397	\$0	\$397
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	2,014	0	0	0	0	2,014	50	0	2,064
Total County Funding	\$2,014	\$0	\$0	\$0	\$0	\$2,014	\$447	\$0	\$2,461
Federal	0	0	0	0	0	0	0	0	0
State	1,467	0	0	0	0	1,467	0	0	1,467
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$3,481</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,481</b>	<b>\$447</b>	<b>\$0</b>	<b>\$3,928</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	35.7	0.0
Debt Service: Excise Tax Bonds	0.0	231.9	231.9	231.9	231.9	6.2	231.9
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$231.9</b>	<b>\$231.9</b>	<b>\$231.9</b>	<b>\$231.9</b>	<b>\$41.9</b>	<b>\$231.9</b>

**LOCATION:**  
Matula Elementary School

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>Full Day Kindergarten Addition: Jenifer E.S.</b>	New Capacity	Project #: 5140			
<b>Goal: 5</b>					
<p>There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Daniel of St. Thomas Jenifer Elementary School in Waldorf, which opened in 1987. The school was designed with two kindergarten classrooms and additional spaces appropriated for kindergarten over the years by displacing higher grades to portable classrooms. An addition containing four kindergarten classrooms is proposed. The current kindergarten classroom will be renovated to house the pre-kindergarten program. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten- aged, special education students. This requires one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. Planning will be requested in FY2016. State and Local construction funding is requested in FY2016.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$2,711</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,711</b>
% change	new	n/a	n/a	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$109	\$0	\$0	\$0	\$0	\$109	\$257	\$0	\$366
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	2,429	0	0	0	0	2,429	0	0	2,429
Equipment	135	0	0	0	0	135	0	0	135
Administration	1	0	0	0	0	1	0	0	1
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	93	0	93
Contingency	37	0	0	0	0	37	0	0	37
<b>Total Outlay</b>	<b>\$2,711</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,711</b>	<b>\$350</b>	<b>\$0</b>	<b>\$3,061</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$350	\$0	\$350
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	1,262	0	0	0	0	1,262	0	0	1,262
Total County Funding	\$1,262	\$0	\$0	\$0	\$0	\$1,262	\$350	\$0	\$1,612
Federal	0	0	0	0	0	0	0	0	0
State	1,449	0	0	0	0	1,449	0	0	1,449
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$2,711</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,711</b>	<b>\$350</b>	<b>\$0</b>	<b>\$3,061</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	31.5	0.0
Debt Service: Excise Tax Bonds	0.0	145.3	145.3	145.3	145.3	0.0	145.3
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$145.3</b>	<b>\$145.3</b>	<b>\$145.3</b>	<b>\$145.3</b>	<b>\$31.5</b>	<b>\$145.3</b>

**LOCATION:**  
Daniel St. Thomas Jenifer Elementary School

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Elementary School #22</b>	Existing Capacity New Capacity 100%	Requested By: BOE Project #: 5092 Goal: 5.1				
<p>Continued development in the County's development district will cause enrollment at the elementary level to exceed the capacity of the existing schools serving the area. Elementary School #22 is preliminarily planned for location west of Route 301 on Billingsley Road. The school will serve a population that includes students with special needs, students with low English proficiency, and children eligible to participate in the free and reduced meal program. A school with a rated capacity of 766 was approved for planning in FY2015. Construction funds will be requested in FY 2017 and FY2018.</p>						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL	
Approved FY15-FY19 CIP	\$0	\$7,254	\$15,159	\$3,068	\$25,481	Project was moved up a fiscal year due to Jenifer and Berry Elementary schools being 180 students over capacity.
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$8,153</b>	<b>(\$3,134)</b>	<b>(\$3,068)</b>	<b>\$1,951</b>	
% change	n/a	112.4%	-20.7%	-100.0%	7.7%	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$1,951	\$0	\$1,951
Land & ROW	0	0	0	0	0	0	2,139	0	2,139
Construction	0	14,843	10,798	0	0	25,641	0	0	25,641
Equipment	0	0	1,068	0	0	1,068	0	0	1,068
Administration	0	0	0	0	0	0	115	0	115
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	310	0	0	0	310	0	0	310
Contingency	0	254	159	0	0	413	0	0	413
<b>Total Outlay</b>	<b>\$0</b>	<b>\$15,407</b>	<b>\$12,025</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,432</b>	<b>\$4,205</b>	<b>\$0</b>	<b>\$31,637</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	0	0	0	0	0	0	70	0	70
Fair Share Excise Tax Bonds	0	7,863	4,481	0	0	12,344	4,135	0	16,479
Total County Funding	\$0	\$7,863	\$4,481	\$0	\$0	\$12,344	\$4,205	\$0	\$16,549
Federal	0	0	0	0	0	0	0	0	0
State	0	7,544	7,544	0	0	15,088	0	0	15,088
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$15,407</b>	<b>\$12,025</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,432</b>	<b>\$4,205</b>	<b>\$0</b>	<b>\$31,637</b>

Operating Budget Impact*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	78.40	0.00	0.00	78.40
Personnel Costs	0.0	0.0	0.0	6,842.3	0.0	0.0	5,575.7
Operating	0.0	0.0	0.0	472.9	0.0	0.0	496.8
Start-Up Cost	0.0	0.0	0.0	2,154.6	0.0	0.0	2,263.6
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$9,469.8</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8,336.1</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt Service: Excise Tax Bonds	0.0	0.0	905.4	1,421.4	1,421.4	509.8	1,421.4
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$905.4</b>	<b>\$10,891.2</b>	<b>\$1,421.4</b>	<b>\$509.8</b>	<b>\$9,757.5</b>

\* Operating Impact represents the estimated full cost of a new Elementary School. This estimate may be reduced for staff added over the years in relation to student growth that may be transferred to the new school.

<b>LOCATION:</b> West of Route 301- tbd
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# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Dr. Samuel A. Mudd Elementary - Renovation</b>	Existing Capacity 60% New Capacity 40%	Requested By: BOE Project #: 5139			
<b>Goal: 5</b>					
<p>The need is for a renovation to Dr. Samuel A. Mudd Elementary School. Dr. Mudd Elementary was opened in 1967 and major building systems have reached the end of their useful life. The renovation will upgrade the mechanical and electrical systems to meet current standards and codes. All existing spaces will be modernized and modified to meet current educational program requirements. A new gymnasium addition and other programmatic spaces will be included in the project to enhance the instructional program, including Full-Day Kindergarten. The school is located in Smallwood Village in St. Charles and serves the development district. Local planning funds are requested in FY2016 and State planning approval is also requested in FY2016. State and Local construction funding will be requested in FY2017 &amp; FY2018.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
Approved FY15-FY19 CIP	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$2,100</b>	<b>\$11,600</b>	<b>\$11,600</b>	<b>\$0</b>	<b>\$25,300</b>
<i>% change</i>	<i>new</i>	<i>new</i>	<i>new</i>	<i>n/a</i>	<i>new</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$2,099	\$0	\$0	\$0	\$0	\$2,099	\$200	\$0	\$2,299
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	11,035	10,372	0	0	21,407	0	0	21,407
Equipment	0	0	1,068	0	0	1,068	0	0	1,068
Administration	1	1	1	0	0	3	1	0	4
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	310	0	0	0	310	0	0	310
Contingency	0	254	159	0	0	413	0	0	413
<b>Total Outlay</b>	<b>\$2,100</b>	<b>\$11,600</b>	<b>\$11,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,300</b>	<b>\$201</b>	<b>\$0</b>	<b>\$25,501</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$1,260	\$2,714	\$2,714	\$0	\$0	\$6,688	\$201	\$0	\$6,889
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	840	1,810	1,810	0	0	4,460	0	0	4,460
<b>Total County Funding</b>	<b>\$2,100</b>	<b>\$4,524</b>	<b>\$4,524</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,148</b>	<b>\$201</b>	<b>\$0</b>	<b>\$11,349</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	7,076	7,076	0	0	14,152	0	0	14,152
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$2,100</b>	<b>\$11,600</b>	<b>\$11,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,300</b>	<b>\$201</b>	<b>\$0</b>	<b>\$25,501</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	107.1	342.7	583.4	583.4	18.1	583.4
Debt Service: Excise Tax Bonds	0.0	96.7	305.1	513.6	513.6	0.0	513.6
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$203.8</b>	<b>\$647.9</b>	<b>\$1,097.0</b>	<b>\$1,097.0</b>	<b>\$18.1</b>	<b>\$1,097.0</b>

**LOCATION:**  
Dr. Samuel A. Mudd Elementary

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>Full-Day Kindergarten Addition: Berry E.S.</b>	New Capacity	Project #:			
<b>Goal: 5</b>					
<p>There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Berry Elementary School in Waldorf. This school opened in 1996. Additional spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Berry currently houses six kindergarten classes and one pre-k class. An addition containing four kindergarten classrooms and an activity area is proposed. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires that one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. The existing kindergarten classrooms will be converted to regular classrooms. Planning will be requested in FY2017. Construction funding is requested in FY2018.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$367</b>	<b>\$2,695</b>	<b>\$0</b>	<b>\$3,062</b>
% change	n/a	new	new	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$366
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	2,429	0	0	2,429	0	0	2,429
Equipment	0	0	135	0	0	135	0	0	135
Administration	0	1	1	0	0	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	50	0	0	50	0	0	50
Contingency	0	0	80	0	0	80	0	0	80
<b>Total Outlay</b>	<b>\$0</b>	<b>\$367</b>	<b>\$2,695</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,062</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,062</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	367	1,211	0	0	1,578	0	0	1,578
<b>Total County Funding</b>	<b>\$0</b>	<b>\$367</b>	<b>\$1,211</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,578</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,578</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	1,484	0	0	1,484	0	0	1,484
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$367</b>	<b>\$2,695</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,062</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,062</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt Service: Excise Tax Bonds	0.0	0.0	42.3	181.7	181.7	0.0	181.7
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$42.3</b>	<b>\$181.7</b>	<b>\$181.7</b>	<b>\$0.0</b>	<b>\$181.7</b>

**LOCATION:**  
Berry Elementary School

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>Full Day Kindergarten Addition: Malcolm E.S.</b>	New Capacity	Project #:			
		Goal: 5			
<p>There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Malcolm Elementary School in Waldorf. This school originally opened in 1955 and was renovated in 1984 after a classroom addition in 1963. A pre-kindergarten classroom was added in 1995. Additional spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Malcolm currently houses four kindergarten classes and one pre-k class. An addition containing four kindergarten classrooms and an activity area is proposed. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires that one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. The existing kindergarten classrooms will be converted to regular classrooms. Planning will be requested in FY2017. Construction funding is requested in FY2018.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$389</b>	<b>\$3,310</b>	<b>\$0</b>	<b>\$3,699</b>
% change	n/a	new	new	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$388	\$0	\$0	\$0	\$388	\$0	\$0	\$388
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	3,044	0	0	3,044	0	0	3,044
Equipment	0	0	135	0	0	135	0	0	135
Administration	0	1	1	0	0	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	50	0	0	50	0	0	50
Contingency	0	0	80	0	0	80	0	0	80
<b>Total Outlay</b>	<b>\$0</b>	<b>\$389</b>	<b>\$3,310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,699</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,699</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	389	1,291	0	0	1,680	0	0	1,680
Total County Funding	\$0	\$389	\$1,291	\$0	\$0	\$1,680	\$0	\$0	\$1,680
Federal	0	0	0	0	0	0	0	0	0
State	0	0	2,019	0	0	2,019	0	0	2,019
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$389</b>	<b>\$3,310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,699</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,699</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt Service: Excise Tax Bonds	0.0	0.0	44.8	193.4	193.4	0.0	193.4
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$44.8</b>	<b>\$193.4</b>	<b>\$193.4</b>	<b>\$0.0</b>	<b>\$193.4</b>

**LOCATION:**  
Malcolm Elementary School

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Mary H. Matula E.S. Roof Replacement</b>	Existing Capacity 100% New Capacity	Requested By: BOE Project #:  Goal: 5			
<p>The need is for a systemic renovation at Matula Elementary School, which opened in 1992 and is located in the town of La Plata. The original roof will have reached the end of its expected life in FY2012. It is proposed that a four-ply, built up-roof with positive drainage or other acceptable roofing system be installed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unseen problems. Local funding to initiate planning will be requested in FY 2018. State funding will be requested in FY2019.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$246	\$1,575	\$1,821
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	n/a	n/a	0.0%	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$245	\$0	\$0	\$245	\$0	\$0	\$245
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	1,424	0	1,424	0	0	1,424
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	1	1	0	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	150	0	150	0	0	150
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$246</b>	<b>\$1,575</b>	<b>\$0</b>	<b>\$1,821</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,821</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$246	\$642	\$0	\$888	\$0	\$0	\$888
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$246	\$642	\$0	\$888	\$0	\$0	\$888
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	933	0	933	0	0	933
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$246</b>	<b>\$1,575</b>	<b>\$0</b>	<b>\$1,821</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,821</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	21.8	80.0	0.0	80.0
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$21.8</b>	<b>\$80.0</b>	<b>\$0.0</b>	<b>\$80.0</b>

**LOCATION:**  
Matula Elementary School

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 71%	Requested By: BOE			
<b>Eva Turner Elementary School - Renovation &amp; Study</b>	New Capacity 29%	Project #: 5142			
		Goal: 5			
<p>Renovation and addition to Eva Turner E.S. located in the Bannister neighborhood of St. Charles, a planned unit development. The school recently received a pre-kindergarten addition in 1995 and a all-day kindergarten addition in 2011. The major building systems have exceeded their normal life and will be replaced as part of the renovation. The building will be modernized and expanded for increased enrollment and to meet current educational program requirements. New individual classroom spaces will be provided to replace existing open-space classrooms. Preparation of a feasibility study to review rehabilitation of existing school to ensure facility in existing neighborhoods are equal to new schools is requested in FY 2016. First desire is to renovate with addition to meet 21st century educational requirements and challenges. Local planning funds are requested in FY 2018. State and Local construction funds are requested in FY 2019 and FY 2020.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$427	\$3,924	\$4,351
<b>Increase/(Decrease)</b>	<b>\$251</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$251</b>
% change	new	n/a	0.0%	0.0%	5.8%
<p>NOTE: FY16 appropriation represents funding approved for a feasibility study. FY18-FY19 funding was originally approved as part of the FY15-FY19 CIP process for a Roof/RTU replacement project. If the Renovation/Addition project is not fully funded, then these funds will still be needed for the Roof/RTU replacement project.</p>					

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$250	\$0	\$427	\$1,673	\$0	\$2,350	\$0	\$0	\$2,350
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	1,686	0	1,686	0	24,107	25,793
Equipment	0	0	0	0	0	0	0	1,068	1,068
Administration	1	0	0	1	0	2	0	2	4
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	310	0	310	0	0	310
Contingency	0	0	0	254	0	254	0	159	413
<b>Total Outlay</b>	<b>\$251</b>	<b>\$0</b>	<b>\$427</b>	<b>\$3,924</b>	<b>\$0</b>	<b>\$4,602</b>	<b>\$0</b>	<b>\$25,336</b>	<b>\$29,938</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$178	\$0	\$303	\$1,109	\$0	\$1,590	\$0	\$8,940	\$10,530
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	73	0	124	453	0	650	0	3,670	4,320
Total County Funding	\$251	\$0	\$427	\$1,562	\$0	\$2,240	\$0	\$12,610	\$14,850
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	2,362	0	2,362	0	12,726	15,088
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$251</b>	<b>\$0</b>	<b>\$427</b>	<b>\$3,924</b>	<b>\$0</b>	<b>\$4,602</b>	<b>\$0</b>	<b>\$25,336</b>	<b>\$29,938</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	15.1	15.1	42.0	142.4	0.0	952.1
Debt Service: Excise Tax Bonds	0.0	8.4	8.4	22.7	74.8	0.0	497.4
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$23.5</b>	<b>\$23.5</b>	<b>\$64.7</b>	<b>\$217.3</b>	<b>\$0.0</b>	<b>\$1,449.6</b>

**LOCATION:**  
Eva Turner Elementary School

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 41%	Requested By: BOE			
<b>Benjamin Stoddert Middle School - Renovation &amp; Study</b>	New Capacity 59%	Project #: 5143			
		Goal: 5			
<p>Renovation and addition to Benjamin Stoddert M.S. built in 1976. The school has not had any previous renovations or additions. The major building systems have exceeded their normal life and will be replaced as part of the renovation. The entire building will be modernized and expanded for increased enrollment and to meet current educational program requirements. New individual classroom spaces will be provided to replace existing open-space classrooms. Preparation of a feasibility study to review rehabilitation of existing school to ensure facility in existing neighborhoods are equal to new schools is requested in FY 2017. First desire is to renovate with addition to meet 21st century educational requirements and challenges. Local planning funds are requested in FY 2018. State and Local construction funds are requested in FY 2019 and FY 2020.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$301</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$301</b>
% change	new	n/a	n/a	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$300	\$0	\$0	\$0	\$0	\$300	\$0	\$3,000	\$3,300
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	32,400	32,400
Equipment	0	0	0	0	0	0	0	1,875	1,875
Administration	1	0	0	0	0	1	0	3	4
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	310	310
Contingency	0	0	0	0	0	0	0	413	413
<b>Total Outlay</b>	<b>\$301</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$301</b>	<b>\$0</b>	<b>\$38,001</b>	<b>\$38,302</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$123	\$0	\$0	\$0	\$0	\$123	\$0	\$6,077	\$6,200
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	178	0	0	0	0	178	0	8,744	8,922
<b>Total County Funding</b>	<b>\$301</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$301</b>	<b>\$0</b>	<b>\$14,821</b>	<b>\$15,122</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	23,180	23,180
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$301</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$301</b>	<b>\$0</b>	<b>\$38,001</b>	<b>\$38,302</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	10.5	10.5	10.5	10.5	0.0	560.9
Debt Service: Excise Tax Bonds	0.0	20.5	20.5	20.5	20.5	0.0	1,027.3
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$30.9</b>	<b>\$30.9</b>	<b>\$30.9</b>	<b>\$30.9</b>	<b>\$0.0</b>	<b>\$1,588.2</b>

**LOCATION:**  
Benjamin Stoddert Middle School

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>McDonough High School Renovation Study /</b>	New Capacity	Project #: 5144			
<b>Phase 1 Renovations</b>		Goal: 5			
<p>Preparation of a feasibility study to review rehabilitation of existing school to ensure facility in existing neighborhoods are equal to new schools. First desire is to renovate with addition to meet 21st century educational requirements and challenges. Maurice J. McDonough H.S. was built in 1977 and major building systems have reached the end of their useful life. The proposed Phase I will include; an elevator, stair modifications, improved accessibility, new secure building entrance and administrative office, renovations to convert the existing administrative spaces to program spaces, and enhancements to the performing arts area. Local funding to initiate planning will be requested in FY 2018. State and local construction funding will be requested in FY 2019.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$401</b>	<b>\$0</b>	<b>\$700</b>	<b>\$0</b>	<b>\$1,101</b>
% change	new	n/a	new	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total	Approp. thru FY15	Beyond FY 2020	Project Total
						'16-'20			
Architectural & Engineering	\$400	\$0	\$700	\$0	\$0	\$1,100	\$0	\$0	\$1,100
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	4,450	4,450
Equipment	0	0	0	0	0	0	0	100	100
Administration	1	0	0	0	0	1	0	0	1
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	50	50
Contingency	0	0	0	0	0	0	0	100	100
<b>Total Outlay</b>	<b>\$401</b>	<b>\$0</b>	<b>\$700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,101</b>	<b>\$0</b>	<b>\$4,700</b>	<b>\$5,801</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total	Approp. thru FY15	Beyond FY 2020	Project Total
						'16-'20			
Bonds	\$401	\$0	\$700	\$0	\$0	\$1,101	\$0	\$1,844	\$2,945
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$401</b>	<b>\$0</b>	<b>\$700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,101</b>	<b>\$0</b>	<b>\$1,844</b>	<b>\$2,945</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	2,856	2,856
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$401</b>	<b>\$0</b>	<b>\$700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,101</b>	<b>\$0</b>	<b>\$4,700</b>	<b>\$5,801</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	34.1	34.1	96.2	96.2	0.0	263.2
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$34.1</b>	<b>\$34.1</b>	<b>\$96.2</b>	<b>\$96.2</b>	<b>\$0.0</b>	<b>\$263.2</b>

**LOCATION:**  
McDonough High School

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Westlake H.S. Roof Replacement</b>	Existing Capacity 100% New Capacity	Requested By: BOE Project #: Goal: 5			
<p>The need is for a systemic renovation at Westlake High School, which opened in 1992 and is located in Westlake Village in St. Charles. The original roof will have reached the end of its expected life by FY2012. It is proposed that a four-ply, built-up roof with positive drainage or other acceptable roofing system be installed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unseen problems. Local funding to initiate planning will be requested in FY 2019. State funding will be requested in FY2020.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$393	\$393
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	n/a	n/a	n/a	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$392	\$0	\$392	\$0	\$0	\$392
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	2,749	2,749	0	0	2,749
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	1	1	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	200	200	0	0	200
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$393</b>	<b>\$2,950</b>	<b>\$3,343</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,343</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$393	\$1,202	\$1,595	\$0	\$0	\$1,595
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$393	\$1,202	\$1,595	\$0	\$0	\$1,595
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	1,748	1,748	0	0	1,748
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$393</b>	<b>\$2,950</b>	<b>\$3,343</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,343</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	35.6	0.0	35.6
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$35.6</b>	<b>\$0.0</b>	<b>\$35.6</b>

**LOCATION:**  
Westlake High School

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>Indian Head E.S. Boiler Replacement</b>	New Capacity	Project #:			
		Goal: 5			
<p>The need is for a systemic renovation at Indian Head Elementary School, which opened in 1976, and is located in the town of Indian Head. The two boilers and pump systems are over 30 years old and have outlived their expected usefulness. Installation of new units is proposed to increase overall efficiency of the heating system and reduce operating costs. Charles County Public Schools recently commissioned a team of consultants to provide a budget and scope analysis for mechanical, electrical, and plumbing. Their evaluation of the project and scope of work showed the need to increase the budget. Local funding to initiate planning will be requested in FY 2019. State approval will be requested for FY2020.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$129	\$129
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	n/a	n/a	n/a	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$128	\$0	\$128	\$0	\$0	\$128
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	1,096	1,096	0	0	1,096
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	1	1	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	100	100	0	0	100
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$129</b>	<b>\$1,197</b>	<b>\$1,326</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,326</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$129	\$489	\$618	\$0	\$0	\$618
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$129	\$489	\$618	\$0	\$0	\$618
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	708	708	0	0	708
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$129</b>	<b>\$1,197</b>	<b>\$1,326</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,326</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	11.7	0.0	11.7
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$11.7</b>	<b>\$0.0</b>	<b>\$11.7</b>

**LOCATION:**  
Indian Head Elementary School

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>Smallwood M.S. Roof/Chiller/H&amp;V/UV Replacement</b>	New Capacity	Project #:			
		Goal: 5			
<p>The need is for a systemic renovation at Smallwood Middle School, which was renovated in 1979 and serves a portion of the development district. The roof, two heating and ventilating units, chiller and classroom unit ventilators were installed when the building was renovated in 1979 and are approaching the end of their useful life. Approximately 40 unit ventilators, fan-coil units, &amp; convention units have been replaced as part of the FY 2013 &amp; FY 2014 Aging Schools Program (ASP) at the school. The majority of the second floor units have been replaced and select areas on the first floor have been replaced. The installation of a four-ply, built-up roof with positive drainage or other approved roofing system is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unseen problems. The installation of new efficient units is proposed, which are environmentally friendly, and will increase the overall efficiency of the heating cooling systems and reduce the operating costs. There are 16 single pane energy inefficient windows in the gymnasium at the roof level that original and in poor condition and will be replaced. Charles County Public Schools recently commissioned a team of consultants to provide a budget and scope analysis for mechanical, electrical, and plumbing. Their evaluation of the project and scope of work showed the need to increase the budget. Local funding to initiate planning will be requested in FY 2019. State and local construction funding will be requested in FY2020.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$478	\$478
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	n/a	n/a	n/a	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$477	\$0	\$477	\$0	\$0	\$477
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	3,649	3,649	0	0	3,649
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	1	1	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	300	300	0	0	300
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$478</b>	<b>\$3,950</b>	<b>\$4,428</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,428</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$478	\$1,587	\$2,065	\$0	\$0	\$2,065
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$478	\$1,587	\$2,065	\$0	\$0	\$2,065
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	2,363	2,363	0	0	2,363
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$478</b>	<b>\$3,950</b>	<b>\$4,428</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,428</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	43.3	0.0	43.3
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$43.3</b>	<b>\$0.0</b>	<b>\$43.3</b>

<b>LOCATION:</b>
General Smallwood Middle School

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>Elementary Schools - Playground Replacement</b>	New Capacity	Project #: 5135			
<b>Program - Various Locations</b>		Goal: 5			
<p>This project is a multi-year program to replace outdated, non-ADA compliant playground equipment at 15 schools and install new ADA playground equipment in the existing locations. These schools include: Wade, Jenifer, Higdon, Barnhart, Gale-Bailey, Malcolm, Parks, Martin, Berry, Dr. Craik, Matula, Mt. Hope/Nanjemoy, Ryon, Mitchell, and Dr. Brown.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$266	\$266	\$266	\$266	\$1,064
<b>Increase/(Decrease)</b>	<b>(\$266)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$266)</b>
% change	-100.0%	0.0%	0.0%	0.0%	-25.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$25	\$25	\$25	\$25	\$100	\$25	\$0	\$125
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	240	240	240	240	960	240	0	1,200
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	1	1	1	1	4	1	0	5
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$266</b>	<b>\$266</b>	<b>\$266</b>	<b>\$266</b>	<b>\$1,064</b>	<b>\$266</b>	<b>\$0</b>	<b>\$1,330</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$266	\$266	\$266	\$266	\$1,064	\$266	\$0	\$1,330
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$266</b>	<b>\$266</b>	<b>\$266</b>	<b>\$266</b>	<b>\$1,064</b>	<b>\$266</b>	<b>\$0</b>	<b>\$1,330</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$266</b>	<b>\$266</b>	<b>\$266</b>	<b>\$266</b>	<b>\$1,064</b>	<b>\$266</b>	<b>\$0</b>	<b>\$1,330</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	23.1	46.7	70.8	23.9	70.8
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$23.1</b>	<b>\$46.7</b>	<b>\$70.8</b>	<b>\$23.9</b>	<b>\$70.8</b>

**LOCATION:**  
Various schools throughout the County

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>Site Improvements/Asphalt Replacement Program</b>	New Capacity	Project #: 5136			
<b>Various Locations</b>		Goal: 5			
This project is a multi-year program for site improvements and asphalt paving replacement at various schools throughout the County.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$1,441	\$1,276	\$1,181	\$966	\$4,864
<b>Increase/(Decrease)</b>	<b>\$20</b>	<b>\$140</b>	<b>\$235</b>	<b>\$115</b>	<b>\$510</b>
% change	1.4%	11.0%	19.9%	11.9%	10.5%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$140	\$140	\$140	\$80	\$0	\$500	\$150	\$0	\$650
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,320	1,275	1,275	1,000	0	4,870	1,175	0	6,045
Equipment	0	0	0	0	0	0	0	0	0
Administration	1	1	1	1	0	4	1	0	5
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$1,461</b>	<b>\$1,416</b>	<b>\$1,416</b>	<b>\$1,081</b>	<b>\$0</b>	<b>\$5,374</b>	<b>\$1,326</b>	<b>\$0</b>	<b>\$6,700</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$1,461	\$1,416	\$1,416	\$1,081	\$0	\$5,374	\$1,326	\$0	\$6,700
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$1,461</b>	<b>\$1,416</b>	<b>\$1,416</b>	<b>\$1,081</b>	<b>\$0</b>	<b>\$5,374</b>	<b>\$1,326</b>	<b>\$0</b>	<b>\$6,700</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$1,461</b>	<b>\$1,416</b>	<b>\$1,416</b>	<b>\$1,081</b>	<b>\$0</b>	<b>\$5,374</b>	<b>\$1,326</b>	<b>\$0</b>	<b>\$6,700</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	124.2	247.1	372.7	470.6	119.3	470.6
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$124.2</b>	<b>\$247.1</b>	<b>\$372.7</b>	<b>\$470.6</b>	<b>\$119.3</b>	<b>\$470.6</b>

**LOCATION:**  
Various schools throughout the County

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>BOE: Various Maintenance Projects</b>	Existing Capacity New Capacity	Requested By: BOE Project #: 5145 Goal: 5			
These projects include the next phase of paving parking lots, interior replacements including carpet and tile, general site improvements, and are all smaller systemic renovations (under \$100,000) not eligible for state funding.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$600	\$600	\$600	\$600	\$2,400
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	0.0%	0.0%	0.0%	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$15	\$15	\$15	\$15	\$15	\$75	\$15	\$15	\$105
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	584	584	584	584	584	2,920	584	584	4,088
Equipment	0	0	0	0	0	0	0	0	0
Administration	1	1	1	1	1	5	1	1	7
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$3,000</b>	<b>\$600</b>	<b>\$600</b>	<b>\$4,200</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$600	\$600	\$600	\$600	\$600	\$3,000	\$600	\$600	\$4,200
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$3,000</b>	<b>\$600</b>	<b>\$600</b>	<b>\$4,200</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$3,000</b>	<b>\$600</b>	<b>\$600</b>	<b>\$4,200</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15		Beyond FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	51.0	103.1	156.3	210.6	54.0	265.0	0.0	0.0
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$51.0</b>	<b>\$103.1</b>	<b>\$156.3</b>	<b>\$210.6</b>	<b>\$54.0</b>	<b>\$265.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
Various schools throughout the County

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Existing Capacity 100%	Requested By: BOE			
<b>Local Portable Classrooms - Various Schools</b>	New Capacity	Project #: 5146			
<b>Goal: 5</b>					
<p>This project requests funds for the design and purchase of new or relocation of existing locally-owned relocatable classrooms to meet the changes in attendance patterns, and to provide temporary capacity until a new school can be built. The exact number of new relocatable classrooms or the identification of specific local relocatables available for relocation are based on actual enrollment patterns and needs of the individual schools. Additional maintenance of locally-owned relocatable classrooms for longevity and efficiency of the unit.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$388	\$388	\$388	\$1,164
<b>Increase/(Decrease)</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600</b>
% change	new	0.0%	0.0%	0.0%	51.5%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$46	\$46	\$46	\$46	\$46	\$230	\$46	\$46	\$322
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	492	280	280	280	280	1,612	280	280	2,172
Equipment	32	32	32	32	32	160	32	32	224
Administration	1	1	1	1	1	5	1	1	7
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	29	29	29	29	29	145	29	29	203
<b>Total Outlay</b>	<b>\$600</b>	<b>\$388</b>	<b>\$388</b>	<b>\$388</b>	<b>\$388</b>	<b>\$2,152</b>	<b>\$388</b>	<b>\$388</b>	<b>\$2,928</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$600	\$388	\$388	\$388	\$388	\$2,152	\$388	\$388	\$2,928
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$600</b>	<b>\$388</b>	<b>\$388</b>	<b>\$388</b>	<b>\$388</b>	<b>\$2,152</b>	<b>\$388</b>	<b>\$388</b>	<b>\$2,928</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$600</b>	<b>\$388</b>	<b>\$388</b>	<b>\$388</b>	<b>\$388</b>	<b>\$2,152</b>	<b>\$388</b>	<b>\$388</b>	<b>\$2,928</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	51.0	84.7	119.1	154.2	34.9	189.4
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$51.0</b>	<b>\$84.7</b>	<b>\$119.1</b>	<b>\$154.2</b>	<b>\$34.9</b>	<b>\$189.4</b>

**LOCATION:**  
Various schools

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Elementary School - Site Acquisition</b>	Existing Capacity 100% New Capacity	Requested By: BOE Project #:  Goal: 5			
<p>This project will provide funds to acquire a new elementary school site. The minimum site for an Elementary School should be 35 acres to cover minimum development area plus current forestation and solar feasibility requirements. A portion of the budget also includes a Site Analysis Report to meet the Maryland Department of Planning, Clearinghouse submittal requirements to satisfy the state which is a requirement prior to securing new school property</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$3,001	\$0	\$0	\$3,001
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	n/a	0.0%	n/a	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	3,000	0	0	0	3,000	0	0	3,000
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	1	0	0	0	1	0	0	1
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$3,001</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,001</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,001</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	3,001	0	0	0	3,001	0	0	3,001
Total County Funding	\$0	\$3,001	\$0	\$0	\$0	\$3,001	\$0	\$0	\$3,001
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$3,001</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,001</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,001</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt Service: Excise Tax Bonds	0.0	0.0	345.6	345.6	345.6	0.0	345.6
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$345.6</b>	<b>\$345.6</b>	<b>\$345.6</b>	<b>\$0.0</b>	<b>\$345.6</b>

**LOCATION:**  
Site to be determined

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Middle School - Site Acquisition</b>	Existing Capacity 100% New Capacity	Requested By: BOE Project #:  Goal: 5			
<p>This project will provide funds to acquire a new middle school site. The minimum site for a Middle School should be 50-acres to cover minimum development area plus current forestation and solar feasibility requirements. A portion of the budget also includes a Site Analysis Report to meet the Maryland Department of Planning, Clearinghouse submittal requirements to satisfy the state which is a requirement prior to securing new school property</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$4,001	\$4,001
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	n/a	n/a	n/a	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	4,000	0	4,000	0	0	4,000
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	1	0	1	0	0	1
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,001</b>	<b>\$0</b>	<b>\$4,001</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,001</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	4,001	0	4,001	0	0	4,001
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,001</b>	<b>\$0</b>	<b>\$4,001</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,001</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,001</b>	<b>\$0</b>	<b>\$4,001</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,001</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	460.7	0.0	460.7
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$460.7</b>	<b>\$0.0</b>	<b>\$460.7</b>

**LOCATION:**  
Site to be determined

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Milton Somers M.S. Gym Bleacher Replacement</b>	Existing Capacity 100% New Capacity	Requested By: BOE Project #: Goal: 5			
<p>The need is for a bleacher replacement at Milton Somers Middle School, which is located in the town of La Plata. The bleachers are original equipment when the school was constructed in 1964 and need to be replaced for safety to the school, staff, and community. The new bleachers will meet all safety requirements. Funding will be requested in FY 2020.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$52	\$52
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	n/a	n/a	n/a	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$51	\$0	\$51	\$0	\$0	\$51
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	325	325	0	0	325
Administration	0	0	0	1	1	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52</b>	<b>\$326</b>	<b>\$378</b>	<b>\$0</b>	<b>\$0</b>	<b>\$378</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$52	\$326	\$378	\$0	\$0	\$378
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$52	\$326	\$378	\$0	\$0	\$378
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52</b>	<b>\$326</b>	<b>\$378</b>	<b>\$0</b>	<b>\$0</b>	<b>\$378</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	4.7	0.0	4.7
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$4.7</b>	<b>\$0.0</b>	<b>\$4.7</b>

**LOCATION:**  
Milton Somers Middle School

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Requested By: CSM				
<b>Center for Trades and Energy Training Building</b>	Project #: 1024				
	Goal: 5				
<p>The purpose of this project is to establish a centrally located off-campus center to provide training facilities too costly to locate at each campus but essential to providing students a direct path into gainful employment in fields of high demand. The college is currently negotiating land acquisition. The proposed project will require site development including 150 parking spaces and the construction of the Center for Trades &amp; Energy Training Building.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	TOTAL				
	FY 2016	FY 2017	FY 2018	FY 2019	
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	new	n/a	n/a	n/a	n/a
	<b>\$300</b>				<b>\$0</b>
	new				new
					Funding is required to complete project. Work entails additional road and septic work.

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$601	\$0	\$601
Land & ROW	50	0	0	0	0	50	1,078	0	1,128
Construction	250	0	0	0	0	250	7,961	0	8,211
Equipment	0	0	0	0	0	0	1,000	0	1,000
Administration	0	0	0	0	0	0	3	0	3
Inspection	0	0	0	0	0	0	255	0	255
Miscellaneous	0	0	0	0	0	0	155	0	155
Contingency	0	0	0	0	0	0	347	0	347
<b>Total Outlay</b>	<b>\$300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300</b>	<b>\$11,400</b>	<b>\$0</b>	<b>\$11,700</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$300	\$0	\$0	\$0	\$0	\$0	\$300	\$3,658	\$0	\$3,958
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300</b>	<b>\$3,658</b>	<b>\$0</b>	<b>\$3,958</b>
Federal	0	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	7,742	0	7,742
Other:	0	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300</b>	<b>\$11,400</b>	<b>\$0</b>	<b>\$11,700</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating (Rental Savings)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	25.5	25.5	25.5	25.5	329.0	25.5
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$25.5</b>	<b>\$25.5</b>	<b>\$25.5</b>	<b>\$25.5</b>	<b>\$329.0</b>	<b>\$25.5</b>

<b>LOCATION:</b>
Hughesville, MD

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

**PROJECT NAME:**

**Upgrade Telecom, PBX, Safety & Security Systems**

Requested By: CSM

Project #: 1026

Goal: 5

The College's current communications infrastructure is inadequate to meet the safety and communications needs of students, faculty, staff, and the public. Instruction and operating needs dictate that the college upgrade its' data and telecommunications systems to allow the college to acquire and take advantage of the efficiency of the latest technologically advanced equipment.

**VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$5,940	\$0	\$0	\$0	\$5,940
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	0.0%	n/a	n/a	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$503	\$0	\$503
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	5,077	0	0	0	0	5,077	1,450	0	6,527
Equipment	0	0	0	0	0	0	0	0	0
Administration	1	0	0	0	0	1	1	0	2
Inspection	209	0	0	0	0	209	0	0	209
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	653	0	0	0	0	653	0	0	653
<b>Total Outlay</b>	<b>\$5,940</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,940</b>	<b>\$1,954</b>	<b>\$0</b>	<b>\$7,894</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$1,485	\$0	\$0	\$0	\$0	\$1,485	\$488	\$0	\$1,973
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$1,485	\$0	\$0	\$0	\$0	\$1,485	\$488	\$0	\$1,973
Federal	0	0	0	0	0	0	0	0	0
State	4,455	0	0	0	0	4,455	1,466	0	5,921
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$5,940</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,940</b>	<b>\$1,954</b>	<b>\$0</b>	<b>\$7,894</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	126.2	126.2	126.2	126.2	43.9	126.2
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$126.2</b>	<b>\$126.2</b>	<b>\$126.2</b>	<b>\$126.2</b>	<b>\$43.9</b>	<b>\$126.2</b>

**LOCATION:**

All Campuses

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Healthcare Training Facility</b>	Requested By: CSM Project #: Goal: 5																								
<p>Allied health programs are some of the most expensive programs offered by the College. The substantial cost for these programs makes it difficult for the college to offer these programs on all campuses; therefore students are substantially burdened to attend classes at a campus not in their county. This building will provide learning space specifically designed for allied health programs and at a convenient centralized location.</p>																									
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FY 2016</th> <th>FY 2017</th> <th>FY 2018</th> <th>FY 2019</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>Approved FY15-FY19 CIP</td> <td style="text-align: right;">\$0</td> <td style="text-align: right;">\$800</td> <td style="text-align: right;">\$10,000</td> <td style="text-align: right;">\$1,000</td> <td style="text-align: right;">\$11,800</td> </tr> <tr> <td><b>Increase/(Decrease)</b></td> <td style="text-align: right;"><b>\$0</b></td> <td style="text-align: right;"><b>\$998</b></td> <td style="text-align: right;"><b>\$11,684</b></td> <td style="text-align: right;"><b>\$3,001</b></td> <td style="text-align: right;"><b>\$15,683</b></td> </tr> <tr> <td>% change</td> <td style="text-align: center;">n/a</td> <td style="text-align: right;">124.8%</td> <td style="text-align: right;">116.8%</td> <td style="text-align: right;">300.1%</td> <td style="text-align: right;">132.9%</td> </tr> </tbody> </table>		FY 2016	FY 2017	FY 2018	FY 2019	TOTAL	Approved FY15-FY19 CIP	\$0	\$800	\$10,000	\$1,000	\$11,800	<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$998</b>	<b>\$11,684</b>	<b>\$3,001</b>	<b>\$15,683</b>	% change	n/a	124.8%	116.8%	300.1%	132.9%	<p><i>Based on existing curriculum and proposed new offerings, a larger facility with specialized labs will be required.</i></p>
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL																				
Approved FY15-FY19 CIP	\$0	\$800	\$10,000	\$1,000	\$11,800																				
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$998</b>	<b>\$11,684</b>	<b>\$3,001</b>	<b>\$15,683</b>																				
% change	n/a	124.8%	116.8%	300.1%	132.9%																				

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$1,797	\$0	\$0	\$0	\$1,797	\$0	\$0	\$1,797
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	21,683	0	0	21,683	0	0	21,683
Equipment	0	0	0	4,000	0	4,000	0	0	4,000
Administration	0	1	1	1	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$1,798</b>	<b>\$21,684</b>	<b>\$4,001</b>	<b>\$0</b>	<b>\$27,483</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,483</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$449	\$5,421	\$1,000	\$0	\$6,870	\$0	\$0	\$6,870
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$449</b>	<b>\$5,421</b>	<b>\$1,000</b>	<b>\$0</b>	<b>\$6,870</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,870</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	1,349	16,263	3,001	0	20,613	0	0	20,613
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$1,798</b>	<b>\$21,684</b>	<b>\$4,001</b>	<b>\$0</b>	<b>\$27,483</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,483</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	5.00	5.00	5.00
Personnel Costs	0.0	0.0	0.0	273.7	283.9	273.7
Operating	0.0	0.0	0.0	469.7	1,532.5	483.0
Start-Up Cost	0.0	0.0	0.0	250.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$993.4</b>	<b>\$1,816.4</b>	<b>\$756.7</b>
Debt Service: Bonds	0.0	0.0	39.0	519.8	610.3	1,010.7
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$39.0</b>	<b>\$1,513.2</b>	<b>\$2,426.7</b>	<b>\$1,767.4</b>

**LOCATION:**  
Regional Campus

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Rural Legacy Program</b>	<b>Project #: 3222</b>
	<b>Goal: 7.6</b>
<p>This project will continue funding for an existing project allowing the purchase conservation easements on productive farm and forest land within the Zekiah Watershed Rural Legacy Area. This funding is also used to leverage additional funding from the State.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$6,084
<b>Increase/(Decrease)</b>	<b>(\$48)</b>
<i>% change</i>	<i>-0.8%</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	1,506	1,506	1,506	1,506	1,506	7,530	0	1,506	9,036
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	3	3	3	15	0	3	18
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	5	5
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$1,509</b>	<b>\$1,509</b>	<b>\$1,509</b>	<b>\$1,509</b>	<b>\$1,509</b>	<b>\$7,545</b>	<b>\$0</b>	<b>\$1,514</b>	<b>\$9,059</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$509	\$509	\$509	\$509	\$509	\$2,545	\$0	\$514	\$3,059
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$509	\$509	\$509	\$509	\$509	\$2,545	\$0	\$514	\$3,059
Federal	0	0	0	0	0	0	0	0	0
State	1,000	1,000	1,000	1,000	1,000	5,000	0	1,000	6,000
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$1,509</b>	<b>\$1,509</b>	<b>\$1,509</b>	<b>\$1,509</b>	<b>\$1,509</b>	<b>\$7,545</b>	<b>\$0</b>	<b>\$1,514</b>	<b>\$9,059</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	43.3	87.5	132.6	178.7	225.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$43.3</b>	<b>\$87.5</b>	<b>\$132.6</b>	<b>\$178.7</b>	<b>\$225.2</b>

**LOCATION:**  
Zekiah Watershed Rural Legacy Area which runs north to south through Charles County. The boundary is Md. State Route 6.

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Agricultural Preservation</b>	<b>Project #: 3223</b>
	<b>Goal: 7.6</b>
<p>This project will continue funding for an existing project allowing the purchase of conservation easements on productive farm and forest land. This funding is also used to leverage the additional funding from the State at a ratio of \$1.00 of County funding for every \$1.50 of state funding.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$2,060
<b>Increase/(Decrease)</b>	<b>(\$48)</b>
% change	-2.3%
	-2.3%
<p><i>Note: The State contribution is not recorded on the County's Financial Statements.</i></p>	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	500	500	500	500	500	2,500	0	500	3,000
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	3	3	3	15	0	10	25
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	5	5
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$503</b>	<b>\$503</b>	<b>\$503</b>	<b>\$503</b>	<b>\$503</b>	<b>\$2,515</b>	<b>\$0</b>	<b>\$515</b>	<b>\$3,030</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$503	\$503	\$503	\$503	\$503	\$2,515	\$0	\$515	\$3,030
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$503</b>	<b>\$503</b>	<b>\$503</b>	<b>\$503</b>	<b>\$503</b>	<b>\$2,515</b>	<b>\$0</b>	<b>\$515</b>	<b>\$3,030</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$503</b>	<b>\$503</b>	<b>\$503</b>	<b>\$503</b>	<b>\$503</b>	<b>\$2,515</b>	<b>\$0</b>	<b>\$515</b>	<b>\$3,030</b>

*State will match \$1.50 for every \$1 of County funds:*      \$750      \$750      \$750      \$750      \$750      \$3,750

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	42.7	86.4	131.0	176.6	223.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$42.7</b>	<b>\$86.4</b>	<b>\$131.0</b>	<b>\$176.6</b>	<b>\$223.2</b>

**LOCATION:**  
Primarily for agricultural lands located in the southern part of Charles County.

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>				
<b>Purchase of Developments Rights (PDR) Program</b>	<b>Project #: 3182</b>				
	<b>Goal: 7.6</b>				
This Program would allow for the continued purchase of Transferrable Development Rights (TDR) and would create some stability to the County's TDR market. Funding this program has been a recommendation of several reports and studies, including the Report of the Charles County Rural Commission, the Assessment of the County's TDR Program, and the Land Preservation Parks and Recreation Plan.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$515	\$515	\$515	\$515	\$2,060
<b>Increase/(Decrease)</b>	<b>(\$515)</b>	<b>(\$212)</b>	<b>\$88</b>	<b>\$163</b>	<b>(\$476)</b>
% change	-100.0%	-41.2%	17.1%	31.7%	-23.1%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year	Approp. thru FY15	Beyond FY 2020	Project Total
						Total '16-'20			
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	300	600	675	750	2,325	692	750	3,767
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	3	3	3	3	12	21	3	36
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	2	0	2
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$303</b>	<b>\$603</b>	<b>\$678</b>	<b>\$753</b>	<b>\$2,337</b>	<b>\$715</b>	<b>\$753</b>	<b>\$3,805</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year	Approp. thru FY15	Beyond FY 2020	Project Total
						Total '16-'20			
Bonds	\$0	\$303	\$603	\$678	\$753	\$2,337	\$715	\$753	\$3,805
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$303</b>	<b>\$603</b>	<b>\$678</b>	<b>\$753</b>	<b>\$2,337</b>	<b>\$715</b>	<b>\$753</b>	<b>\$3,805</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$303</b>	<b>\$603</b>	<b>\$678</b>	<b>\$753</b>	<b>\$2,337</b>	<b>\$715</b>	<b>\$753</b>	<b>\$3,805</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	26.3	79.8	141.2	64.3	209.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$26.3</b>	<b>\$79.8</b>	<b>\$141.2</b>	<b>\$64.3</b>	<b>\$209.4</b>

**LOCATION:**  
Targeted to farm and forest lands in rural areas of Charles County.

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>	<b>Requested By: DPW</b>				
<b>Various Maintenance Projects</b>	<b>Project #: 3224</b>				
	<b>Goal: 2</b>				
Funding is necessary for various maintenance projects, such as, roof repairs, HVAC repairs/upgrades, gutters, soffits, windows and various renovation projects. This project would also allow a funding mechanism for items that suffer catastrophic failures, such as, boilers, compressors and other major equipment that is not funded in the operating budget.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$393	\$393	\$393	\$417	\$1,596
<b>Increase/(Decrease)</b>	<b>(\$195)</b>	<b>(\$195)</b>	<b>\$0</b>	<b>\$1</b>	<b>(\$389)</b>
% change	-49.6%	-49.6%	0.0%	0.2%	-24.4%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	175	175	350	375	375	1,450	0	375	1,825
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	3	3	3	15	0	2	17
Inspection	20	20	40	40	40	160	0	40	200
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$198</b>	<b>\$198</b>	<b>\$393</b>	<b>\$418</b>	<b>\$418</b>	<b>\$1,625</b>	<b>\$0</b>	<b>\$417</b>	<b>\$2,042</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$198	\$393	\$418	\$418	\$1,427	\$0	\$417	\$1,844
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	198	0	0	0	0	198	0	0	198
Total County Funding	\$198	\$198	\$393	\$418	\$418	\$1,625	\$0	\$417	\$2,042
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$198</b>	<b>\$198</b>	<b>\$393</b>	<b>\$418</b>	<b>\$418</b>	<b>\$1,625</b>	<b>\$0</b>	<b>\$417</b>	<b>\$2,042</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond
						FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	17.2	52.0	89.9	127.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$17.2</b>	<b>\$52.0</b>	<b>\$89.9</b>	<b>\$127.7</b>

**LOCATION:**  
Various County Facilities

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>					Requested By: PGM
<b>Various Planning and Growth Management Studies</b>					Project #: 3225
					Goal: 4
1.) Maryland Geological Survey groundwater monitoring - required. 2.) Study of historic re-use options for buildings in Port Tobacco Village. 3.) Additional studies related to the Comprehensive Plan (as may be needed or directed by the Charles County Planning Commission and/or as directed by the Charles County Board of Commissioners). 4.) Planning studies as directed by the Charles County Board of Commissioners.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$166	\$166	\$92	\$90	\$514
<b>Increase/(Decrease)</b>	<b>(\$25)</b>	<b>(\$25)</b>	<b>\$119</b>	<b>\$121</b>	<b>\$190</b>
% change	-15.1%	-15.1%	129.3%	134.4%	37.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$125	\$125	\$195	\$195	\$125	\$765	\$0	\$80	\$845
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	11	11	11	11	5	49	0	5	54
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	5	5	5	5	5	25	0	5	30
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$141</b>	<b>\$141</b>	<b>\$211</b>	<b>\$211</b>	<b>\$135</b>	<b>\$839</b>	<b>\$0</b>	<b>\$90</b>	<b>\$929</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer	General Fund	141	141	211	211	135	839	0	90	929
<b>Total County Funding</b>		<b>\$141</b>	<b>\$141</b>	<b>\$211</b>	<b>\$211</b>	<b>\$135</b>	<b>\$839</b>	<b>\$0</b>	<b>\$90</b>	<b>\$929</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$141</b>	<b>\$141</b>	<b>\$211</b>	<b>\$211</b>	<b>\$135</b>	<b>\$839</b>	<b>\$0</b>	<b>\$90</b>	<b>\$929</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
Various areas throughout Charles County.

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b> <b>Lighting Retrofit</b>	Requested By: DPW Project #: 3195 Goal: 7
This project includes replacing T12 light fixtures throughout County owned facilities to T8 lighting fixtures, which are more energy efficient. T12 lighting fixtures will be phased out of production starting July 2012.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$318
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	13	13	13	0	39	26	0	65
Equipment	0	82	82	82	0	246	164	0	410
Administration	0	3	3	3	0	9	6	0	15
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	8	8	8	0	24	16	0	40
<b>Total Outlay</b>	<b>\$0</b>	<b>\$106</b>	<b>\$106</b>	<b>\$106</b>	<b>\$0</b>	<b>\$318</b>	<b>\$212</b>	<b>\$0</b>	<b>\$530</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$106	\$106	\$106	\$0	\$318	\$212	\$0	\$530
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$106</b>	<b>\$106</b>	<b>\$106</b>	<b>\$0</b>	<b>\$318</b>	<b>\$212</b>	<b>\$0</b>	<b>\$530</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$106</b>	<b>\$106</b>	<b>\$106</b>	<b>\$0</b>	<b>\$318</b>	<b>\$212</b>	<b>\$0</b>	<b>\$530</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	(3.6)	(3.7)	(3.8)	(3.9)	0.0	(4.0)
<b>Total Operating</b>	<b>\$0.0</b>	<b>(\$3.6)</b>	<b>(\$3.7)</b>	<b>(\$3.8)</b>	<b>(\$3.9)</b>	<b>\$0.0</b>	<b>(\$4.0)</b>
Debt Service: Bonds	0.0	0.0	9.2	18.6	28.2	19.1	28.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>(\$3.6)</b>	<b>\$5.5</b>	<b>\$14.8</b>	<b>\$24.3</b>	<b>\$19.1</b>	<b>\$24.2</b>

**LOCATION:**  
Various County Facilities

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b> <b>Courthouse Renovation</b>	Requested By: DPW Project #: 3165 Goal: 2
Renovations will be performed to enable the Circuit Court to use this space after the District Court relocates to the new building. This project will provide enhanced courtrooms, ADA upgrade compliances, upgrading mechanical and electrical systems and renovating space to accommodate the needs of the Circuit Court. The project will utilize "swing space" for occupants during renovations and will allow for twelve phases of construction, including renovation of existing bathrooms to meet ADA compliance.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$303
<b>Increase/(Decrease)</b>	<b>(\$123)</b>
% change	-40.6%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$10	\$10	\$20	\$0	\$0	\$20
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	98	60	60	218	608	0	826
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	3	3	3	9	9	0	18
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	6	6	12	0	0	12
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$101</b>	<b>\$79</b>	<b>\$79</b>	<b>\$259</b>	<b>\$617</b>	<b>\$0</b>	<b>\$876</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$101	\$79	\$79	\$259	\$537	\$0	\$796
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	80	0	80
Total County Funding	\$0	\$0	\$101	\$79	\$79	\$259	\$617	\$0	\$876
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: _____	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$101</b>	<b>\$79</b>	<b>\$79</b>	<b>\$259</b>	<b>\$617</b>	<b>\$0</b>	<b>\$876</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	9.0	16.1	48.3	16.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$9.0</b>	<b>\$16.1</b>	<b>\$48.3</b>	<b>\$16.1</b>

**LOCATION:**  
Charles County Courthouse; La Plata, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b> <b>Engineering Plan Digitization</b>					Requested By: DPW Project #: 3187 Goal: 3
Update and digitize existing engineering plans for buildings. This is to be phased in and ongoing to maintain records.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$33	\$33	\$0	\$0	\$66
<b>Increase/(Decrease)</b>	<b>(\$33)</b>	<b>(\$33)</b>	<b>\$33</b>	<b>\$33</b>	<b>\$0</b>
% change	-100.0%	-100.0%	new	new	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$30	\$30	\$0	\$60	\$100	\$0	\$160
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	3	3	0	6	9	0	15
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33</b>	<b>\$33</b>	<b>\$0</b>	<b>\$66</b>	<b>\$109</b>	<b>\$0</b>	<b>\$175</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance- Bond Premium	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	0	0	33	33	0	66	109	0	175
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33</b>	<b>\$33</b>	<b>\$0</b>	<b>\$66</b>	<b>\$109</b>	<b>\$0</b>	<b>\$175</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: _____	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33</b>	<b>\$33</b>	<b>\$0</b>	<b>\$66</b>	<b>\$109</b>	<b>\$0</b>	<b>\$175</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
N/A

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>					Requested By: DPW	
<b>Sheriff's Office Improvements</b>					Project #: 3197	
					Goal: 2	
Upgrade existing infrastructure to include the following: Sheriff's Headquarters Renovation - \$20K, Sheriff's Annex Freight Elevator - \$100K.						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	FY 2016	FY 2017	FY 2018	FY 2019	<b>TOTAL</b>	<i>The High Density Filing System was removed - current CCSO staff stated it is not needed.</i>
Approved FY15-FY19 CIP	\$415	\$0	\$0	\$0	\$415	
<b>Increase/(Decrease)</b>	<b>(\$415)</b>	<b>\$0</b>	<b>\$145</b>	<b>\$0</b>	<b>(\$270)</b>	
% change	-100.0%	n/a	new	n/a	-65.1%	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$5	\$0	\$0	\$5	\$0	\$0	\$5
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	120	0	0	120	0	0	120
Equipment	0	0	0	0	0	0	353	0	353
Administration	0	0	3	0	0	3	3	0	6
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	5	0	0	5	5	0	10
Contingency	0	0	12	0	0	12	35	0	47
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$145</b>	<b>\$0</b>	<b>\$0</b>	<b>\$145</b>	<b>\$396</b>	<b>\$0</b>	<b>\$541</b>

FINANCING SOURCES						5-Year			
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$145	\$0	\$0	\$145	\$396	\$0	\$541
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$145</b>	<b>\$0</b>	<b>\$0</b>	<b>\$145</b>	<b>\$396</b>	<b>\$0</b>	<b>\$541</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$145</b>	<b>\$0</b>	<b>\$0</b>	<b>\$145</b>	<b>\$396</b>	<b>\$0</b>	<b>\$541</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	12.9	12.9	35.6	12.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$12.9</b>	<b>\$12.9</b>	<b>\$35.6</b>	<b>\$12.9</b>

**LOCATION:**  
Sheriff's Department facilities

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: DPW</b>
<b>Parking Lot Improvements</b>	<b>Project #: 3186</b>
	<b>Goal: 2</b>
<p>This project includes parking lot improvements to governmental facilities, to include, paving, patching, striping and miscellaneous parking lot repairs. The parking lots need to be maintained to prevent slips, trips, falls and damage to vehicles. Parking lots will begin to fail if not properly maintained.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$333
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	300	0	0	0	0	300	310	0	610
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	0	0	0	0	3	3	0	6
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	30	0	0	0	0	30	20	0	50
<b>Total Outlay</b>	<b>\$333</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$333</b>	<b>\$333</b>	<b>\$0</b>	<b>\$666</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds		\$333	\$0	\$0	\$0	\$0	\$333	\$34	\$0	\$367
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$333</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$333</b>	<b>\$34</b>	<b>\$0</b>	<b>\$367</b>
Federal 80%		0	0	0	0	0	0	266	0	266
State 10%		0	0	0	0	0	0	33	0	33
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$333</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$333</b>	<b>\$333</b>	<b>\$0</b>	<b>\$666</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	28.3	28.3	28.3	28.3	3.1	28.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$28.3</b>	<b>\$28.3</b>	<b>\$28.3</b>	<b>\$28.3</b>	<b>\$3.1</b>	<b>\$28.3</b>

**LOCATION:**  
Various Locations

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>					<b>Requested By: DPW</b>
<b>P.D. Brown Library Improvements</b>					<b>Project #: 3216</b>
					<b>Goal: 2</b>
This project includes a roof replacement on the original building and replacement of rooftop HVAC units, which have reached their life expectancy and are high maintenance.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$201	\$0	\$0	\$0	\$201
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i>% change</i>	<i>0.0%</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>0.0%</i>

<b>EXPENSE BUDGET</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>5-Year Total '16-'20</b>	<b>Approp. thru FY15</b>	<b>Beyond FY 2020</b>	<b>Project Total</b>
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	180	0	0	0	0	180	0	0	180
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	0	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	18	0	0	0	0	18	0	0	18
<b>Total Outlay</b>	<b>\$201</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$201</b>	<b>\$0</b>	<b>\$0</b>	<b>\$201</b>

<b>FINANCING SOURCES</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>5-Year Total '16-'20</b>	<b>Approp. thru FY15</b>	<b>Beyond FY 2020</b>	<b>Project Total</b>
Bonds	\$201	\$0	\$0	\$0	\$0	\$201	\$0	\$0	\$201
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$201</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$201</b>	<b>\$0</b>	<b>\$0</b>	<b>\$201</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$201</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$201</b>	<b>\$0</b>	<b>\$0</b>	<b>\$201</b>

<b>Operating Budget Impact</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Beyond FY 2020</b>
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	17.1	17.1	17.1	17.1	17.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$17.1</b>	<b>\$17.1</b>	<b>\$17.1</b>	<b>\$17.1</b>	<b>\$17.1</b>

**LOCATION:**  
P.D. Brown Library, Waldorf

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>					Requested By: DPW
<b>Robert J. Fuller Transitional Home Improvements</b>					Project #:
					Goal: 2
Capital maintenance services due to cyclical maintenance and replacements to include the following: Parking lot resealing and striping - \$30K, Flooring Replacement - \$20K, and exterior painting - \$20K.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$80	\$0	\$0	\$0	\$80
<b>Increase/(Decrease)</b>	<b>(\$80)</b>	<b>\$0</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>
% change	-100.0%	n/a	new	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	70	0	0	70	0	0	70
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	3	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	7	0	0	7	0	0	7
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$60	\$0	\$0	\$60	\$0	\$0	\$60
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	20	0	0	20	0	0	20
Total County Funding	\$0	\$0	\$80	\$0	\$0	\$80	\$0	\$0	\$80
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	5.3	5.3	5.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$5.3</b>	<b>\$5.3</b>	<b>\$5.3</b>

**LOCATION:**  
Robert J. Fuller Transitional Home, Waldorf

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	Requested By: DPW
<b>Generator Replacement Program</b>	Project #: 3208
	Goal: 2
Replace aging generators at various facilities that have exceeded their life cycle, have high repairs costs and/or are deemed unreliable.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$452
<b>Increase/(Decrease)</b>	<b>(\$113)</b>
% change	-25.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total 15-'19	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	100	100	100	100	400	140	0	540
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	3	3	3	3	12	3	0	15
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	10	10	10	10	40	10	0	50
<b>Total Outlay</b>	<b>\$0</b>	<b>\$113</b>	<b>\$113</b>	<b>\$113</b>	<b>\$113</b>	<b>\$452</b>	<b>\$153</b>	<b>\$0</b>	<b>\$605</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total 15-'19	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$61	\$61	\$61	\$61	\$244	\$153	\$0	\$397
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	52	52	52	52	208	0	0	208
Total County Funding	\$0	\$113	\$113	\$113	\$113	\$452	\$153	\$0	\$605
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$113</b>	<b>\$113</b>	<b>\$113</b>	<b>\$113</b>	<b>\$452</b>	<b>\$153</b>	<b>\$0</b>	<b>\$605</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	(1.0)	(2.1)	(3.2)	(4.4)	0.0	(4.5)
<b>Total Operating</b>	<b>\$0.0</b>	<b>(\$1.0)</b>	<b>(\$2.1)</b>	<b>(\$3.2)</b>	<b>(\$4.4)</b>	<b>\$0.0</b>	<b>(\$4.5)</b>
Debt Service: Bonds	0.0	0.0	5.3	10.7	16.2	13.8	16.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>-\$1.0</b>	<b>\$3.2</b>	<b>\$7.5</b>	<b>\$11.8</b>	<b>\$13.8</b>	<b>\$11.7</b>

**LOCATION:**  
 Various County facilities

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	Requested By: <b>PGM</b>
<b>Develop Road Safety Prioritization Measure &amp; Inventory</b>	Project #: <b>3210</b>
	Goal: <b>2.1.a</b>
<p>Utilize a transportation safety consultant to develop a systematic safety inventory of County roads. This can be achieved by selecting a road safety prioritization measure from available methodologies, such as usRAP. Use this inventory to identify and prioritize several cost-effective safety measures which can be implemented to reduce crash rates on Charles County roads. Provide a database that can easily be maintained and updated by Charles County staff on a regular basis.</p> <p>This tool would enable data-driven decisions for prioritization of the use of roadway safety funds, data could be available for informed decisions by the Traffic Safety Committee and the inventory could also be an objective basis for requiring improvements by developers.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$52
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total 15-'19	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$10	\$10	\$10	\$0	\$0	\$30	\$30	\$0	\$60
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	5	4	4	0	0	13	5	0	18
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	3	3	3	0	0	9	3	0	12
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$18</b>	<b>\$17</b>	<b>\$17</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52</b>	<b>\$38</b>	<b>\$0</b>	<b>\$90</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total 15-'19	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$38	\$0	\$38
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	18	17	17	0	0	52	0	0	52
<b>Total County Funding</b>	<b>\$18</b>	<b>\$17</b>	<b>\$17</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52</b>	<b>\$38</b>	<b>\$0</b>	<b>\$90</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$18</b>	<b>\$17</b>	<b>\$17</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52</b>	<b>\$38</b>	<b>\$0</b>	<b>\$90</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	3.4	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$3.4</b>	<b>\$0.0</b>

**LOCATION:**  
N/A

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>WURC Implementation Studies</b>	<b>Project #: 3213</b>
	<b>Goal: 1.1.13</b>
<p>In support of the Waldorf Urban Redevelopment Corridor implementation, various studies and consultant services are anticipated. The studies include but are not limited to the Maryland Stadium Authority analysis for the WURC plans, a redevelopment study/analysis, and miscellaneous consultant services to assist with the redevelopment district.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$364
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$77	\$77	\$77	\$77	\$77	\$385	\$107	\$77	\$569
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	6	6	6	6	6	30	6	6	42
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	8	8	8	8	8	40	8	8	56
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$91</b>	<b>\$91</b>	<b>\$91</b>	<b>\$91</b>	<b>\$91</b>	<b>\$455</b>	<b>\$121</b>	<b>\$91</b>	<b>\$667</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$91	\$91
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	91	91	91	91	91	455	121	0	576
<b>Total County Funding</b>	<b>\$91</b>	<b>\$91</b>	<b>\$91</b>	<b>\$91</b>	<b>\$91</b>	<b>\$455</b>	<b>\$121</b>	<b>\$91</b>	<b>\$667</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$91</b>	<b>\$91</b>	<b>\$91</b>	<b>\$91</b>	<b>\$91</b>	<b>\$455</b>	<b>\$121</b>	<b>\$91</b>	<b>\$667</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	8.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8.2</b>

**LOCATION:**  
Waldorf, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	Requested By: DPW
<b>Uninterrupted Power Supply (UPS) Replacement Program</b>	Project #:
	Goal: 2
Replace existing Uninterrupted Power Supply (UPS) systems at various County facilities. FY2018 includes UPS replacements at the Charles County Government Building Commissioners Wing and P.D. Brown Library.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
FY 2016    FY 2017    FY 2018    FY 2019	
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$116</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	50	50	50	150	0	0	150
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	3	3	3	9	0	0	9
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	5	5	5	15	0	0	15
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58</b>	<b>\$58</b>	<b>\$58</b>	<b>\$174</b>	<b>\$0</b>	<b>\$0</b>	<b>\$174</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$58	\$58	\$58	\$174	\$0	\$0	\$174
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58</b>	<b>\$58</b>	<b>\$58</b>	<b>\$174</b>	<b>\$0</b>	<b>\$0</b>	<b>\$174</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58</b>	<b>\$58</b>	<b>\$58</b>	<b>\$174</b>	<b>\$0</b>	<b>\$0</b>	<b>\$174</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	5.1	10.4	10.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$5.1</b>	<b>\$10.4</b>	<b>\$10.4</b>

**LOCATION:**  
 Various County facilities

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Benedict Waterfront Village Enhancements</b>	<b>Project #: 3188</b>
	<b>Goal: 1.2.4</b>
<p>To continue the village enhancement projects identified in the Benedict Waterfront Village Revitalization Plan. This project will complete the design and construction of the Village Green located on Benedict Avenue adjacent to the Post Office and new Fire Station.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$145</b>
% change	new
	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$25	\$0	\$0	\$0	\$0	\$25	\$144	\$0	\$169
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	100	0	0	0	0	100	400	0	500
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	0	0	0	0	15	0	0	15
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	5	0	0	0	0	5	10	0	15
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$145</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$145</b>	<b>\$554</b>	<b>\$0</b>	<b>\$699</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$45	\$0	\$0	\$0	\$0	\$45	\$225	\$0	\$270
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$45	\$0	\$0	\$0	\$0	\$45	\$225	\$0	\$270
Federal	0	0	0	0	0	0	104	0	104
State (MHAA)	100	0	0	0	0	100	225	0	325
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$145</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$145</b>	<b>\$554</b>	<b>\$0</b>	<b>\$699</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	3.8	3.8	3.8	3.8	20.2	3.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$3.8</b>	<b>\$3.8</b>	<b>\$3.8</b>	<b>\$3.8</b>	<b>\$20.2</b>	<b>\$3.8</b>

**LOCATION:**  
 Benedict, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	Requested By: DPW
<b>Automation &amp; Technology Master Plan- Facilities</b>	Project #: 3177
	Goal: 3
<p>This project request is the result of a study by Westin Engineering to determine the Information Technology needs of the Department of Public Works. The project will include emphasis on asset management, data management, work management, and performance management. The ultimate goal of this project is to allow the department to accomplish its' functions even in periods of growth without adding field staff and to make more efficient use of the resources currently available. The project has been broken down into phases by division and functions, as follows: Phase I – Buildings &amp; Trades (approved), Phase II – Parks &amp; Grounds, Phase III – Roads, Phase IV – Landfill which will be funded through the Solid Waste Fund.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$328</b>
<i>% change</i>	<i>new</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$70	\$0	\$0	\$70	\$452	\$0	\$522
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	225	0	0	225	450	0	675
Administration	0	0	3	0	0	3	4	0	7
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	30	0	0	30	82	0	112
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$328</b>	<b>\$0</b>	<b>\$0</b>	<b>\$328</b>	<b>\$988</b>	<b>\$0</b>	<b>\$1,316</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$328	\$0	\$0	\$328	\$988	\$0	\$1,316
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$328</b>	<b>\$0</b>	<b>\$0</b>	<b>\$328</b>	<b>\$988</b>	<b>\$0</b>	<b>\$1,316</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$328</b>	<b>\$0</b>	<b>\$0</b>	<b>\$328</b>	<b>\$988</b>	<b>\$0</b>	<b>\$1,316</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	29.1	29.1	88.9	29.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$29.1</b>	<b>\$29.1</b>	<b>\$88.9</b>	<b>\$29.1</b>

**LOCATION:**  
Department of Public Works- Facilities Building, Radio Station Road, La Plata, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b> <b>Countywide Building Re-Keying</b>	Requested By: DPW Project #:
	Goal: 2
Convert all County buildings to a new (Best) key system with interchangeable cores, to include installation of magnetic door releases and card readers. This will enhance the overall consistency and security of all County facilities.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
Approved FY15-FY19 CIP	TOTAL
\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$157</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	40	0	40	0	0	40
Equipment	0	0	0	100	0	100	0	0	100
Administration	0	0	0	3	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	14	0	14	0	0	14
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$157</b>	<b>\$0</b>	<b>\$157</b>	<b>\$0</b>	<b>\$0</b>	<b>\$157</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$157	\$0	\$157	\$0	\$0	\$157
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$157</b>	<b>\$0</b>	<b>\$157</b>	<b>\$0</b>	<b>\$0</b>	<b>\$157</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$157</b>	<b>\$0</b>	<b>\$157</b>	<b>\$0</b>	<b>\$0</b>	<b>\$157</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	14.2	14.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$14.2</b>	<b>\$14.2</b>

**LOCATION:**  
Various County Buildings

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b> <b>Security Upgrades</b>	Requested By: DPW Project #: 3217 Goal: 6
To provide security upgrades to various locations at the Government Building. The following locations will be upgraded: Commissioners' Wing Reception Area, County Attorney's Office, Permits Division and the Government Building main entrance.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$61</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$5	\$0	\$0	\$0	\$0	\$5	\$0	\$0	\$5
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	50	0	0	0	0	50	0	0	50
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	0	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	3	0	0	0	0	3	0	0	3
<b>Total Outlay</b>	<b>\$61</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	61	0	0	0	0	61	0	0	61
<b>Total County Funding</b>	<b>\$61</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$61</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond
						FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
Various County Buildings

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b> <b>Health Department Roof Replacement</b>	Requested By: <b>PGM</b> Project #: <b>3218</b> Goal: <b>2</b>
An condition assessment report for the Health Department's roof was completed in February, 2014. Based on the findings of the evaluation, a complete replacement of the existing roof is recommended.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$2,160</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year	Approp.	Beyond	Project
						Total '16-'20	thru FY15	FY 2020	Total
Architectural & Engineering	\$170	\$0	\$0	\$0	\$0	\$170	\$0	\$0	\$170
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	833	833	0	0	1,666	0	0	1,666
Equipment	0	0	0	0	0	0	0	0	0
Administration	11	45	45	0	0	101	0	0	101
Inspection	0	21	21	0	0	42	0	0	42
Miscellaneous	5	5	5	0	0	15	0	0	15
Contingency	0	83	83	0	0	166	0	0	166
<b>Total Outlay</b>	<b>\$186</b>	<b>\$987</b>	<b>\$987</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,160</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,160</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$186	\$987	\$987	\$0	\$0	\$2,160	\$0	\$0	\$2,160
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$186	\$987	\$987	\$0	\$0	\$2,160	\$0	\$0	\$2,160
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$186</b>	<b>\$987</b>	<b>\$987</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,160</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,160</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp.	Beyond
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	15.8	101.5	189.0	189.0	0.0	189.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$15.8</b>	<b>\$101.5</b>	<b>\$189.0</b>	<b>\$189.0</b>	<b>\$0.0</b>	<b>\$189.0</b>

**LOCATION:**  
White Plains, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b> <b>Charles County Courthouse HVAC Improvements</b>	Requested By: PGM Project #: Goal: 2
A study to identify existing conditions and deficiencies of the Charles County Courthouse's HVAC systems was completed in August, 2013. The evaluation addressed the air handling system, air cooled chillers, fuel oil fired boiler system, hydronic pumping systems, building exhaust systems, and the energy management system. Based on the findings of the study, improvements to these systems were recommended.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	TOTAL
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$1,540</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$220	\$0	\$0	\$220	\$0	\$0	\$220
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	1,100	1,100	2,200	0	0	2,200
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	14	55	55	124	0	0	124
Inspection	0	0	0	26	25	51	0	0	51
Miscellaneous	0	0	5	10	10	25	0	0	25
Contingency	0	0	0	110	110	220	0	0	220
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$239</b>	<b>\$1,301</b>	<b>\$1,300</b>	<b>\$2,840</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,840</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$239	\$1,301	\$1,300	\$2,840	\$0	\$0	\$2,840
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$239</b>	<b>\$1,301</b>	<b>\$1,300</b>	<b>\$2,840</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,840</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: _____	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$239</b>	<b>\$1,301</b>	<b>\$1,300</b>	<b>\$2,840</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,840</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	21.2	139.0	0.0	139.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$21.2</b>	<b>\$139.0</b>	<b>\$0.0</b>	<b>\$139.0</b>

**LOCATION:**  
La Plata, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Government Building Water Infiltration Improvements</b>	<b>Project #:</b>
	<b>Goal: 2</b>
<p>An evaluation to determine the cause of water infiltration in various areas of the Charles County Government Building was completed in September, 2013. Based on the findings of the study, improvements/replacement of windows and spot repairs to the building's brick were recommended.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$190</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$14	\$0	\$0	\$14	\$0	\$0	\$14
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	137	0	0	137	0	0	137
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	8	0	0	8	0	0	8
Inspection	0	0	15	0	0	15	0	0	15
Miscellaneous	0	0	2	0	0	2	0	0	2
Contingency	0	0	14	0	0	14	0	0	14
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$190	\$0	\$0	\$190	\$0	\$0	\$190
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$190	\$0	\$0	\$190	\$0	\$0	\$190
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	16.9	16.9	16.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$16.9</b>	<b>\$16.9</b>	<b>\$16.9</b>

<b>LOCATION:</b>
La Plata, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>																								
<b>Detention Center Roof Replacement</b>	<b>Project #:</b>																								
	<b>Goal: 2</b>																								
<p>An evaluation of the existing flat roof for the Detention Center was completed in June, 2013. The study looked at the existing condition of the flat membrane roof to determine the approximate remaining service life and provided recommendations for repair or replacement. Additionally, the roofing system was reviewed for Code implications to determine if the flat roof drainage capacity met the requirement for a 100 year storm event. Based on the findings of the study, replacement of the roof was recommended.</p>																									
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>																									
Approved FY15-FY19 CIP	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%; text-align: center;">FY 2016</td> <td style="width: 12.5%; text-align: center;">FY 2017</td> <td style="width: 12.5%; text-align: center;">FY 2018</td> <td style="width: 12.5%; text-align: center;">FY 2019</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%; text-align: center;"><b>TOTAL</b></td> </tr> <tr> <td style="text-align: center;">\$0</td> </tr> <tr> <td style="text-align: center;"><b>Increase/(Decrease)</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$1,346</b></td> <td style="text-align: center;"><b>\$1,126</b></td> <td style="text-align: center;"><b>\$2,472</b></td> </tr> <tr> <td style="text-align: center;">% change</td> <td style="text-align: center;">n/a</td> <td style="text-align: center;">n/a</td> <td style="text-align: center;">new</td> <td style="text-align: center;">new</td> <td style="text-align: center;">new</td> </tr> </table>	FY 2016	FY 2017	FY 2018	FY 2019		<b>TOTAL</b>	\$0	\$0	\$0	\$0	\$0	\$0	<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,346</b>	<b>\$1,126</b>	<b>\$2,472</b>	% change	n/a	n/a	new	new	new
FY 2016	FY 2017	FY 2018	FY 2019		<b>TOTAL</b>																				
\$0	\$0	\$0	\$0	\$0	\$0																				
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,346</b>	<b>\$1,126</b>	<b>\$2,472</b>																				
% change	n/a	n/a	new	new	new																				

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$190	\$0	\$0	\$190	\$0	\$0	\$190
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	950	950	0	1,900	0	0	1,900
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	57	48	0	105	0	0	105
Inspection	0	0	24	24	0	48	0	0	48
Miscellaneous	0	0	11	10	0	21	0	0	21
Contingency	0	0	114	95	0	209	0	0	209
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,346</b>	<b>\$1,126</b>	<b>\$0</b>	<b>\$2,472</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,472</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$1,346	\$1,126	\$0	\$2,472	\$0	\$0	\$2,472
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,346</b>	<b>\$1,126</b>	<b>\$0</b>	<b>\$2,472</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,472</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,346</b>	<b>\$1,126</b>	<b>\$0</b>	<b>\$2,472</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,472</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	119.4	221.3	221.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$119.4</b>	<b>\$221.3</b>	<b>\$221.3</b>

**LOCATION:**  
La Plata, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Detention Center Annex Roof and Walls Improvements</b>	<b>Project #:</b>
	<b>Goal: 2</b>
An evaluation of the existing roof and exterior walls was completed in November, 2013. Based on the findings of the evaluation, replacement of the flat roof along with various general repairs to the walls were recommended.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$867</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$67	\$0	\$0	\$67	\$0	\$0	\$67
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	335	335	0	670	0	0	670
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	20	17	0	37	0	0	37
Inspection	0	0	10	8	0	18	0	0	18
Miscellaneous	0	0	4	3	0	7	0	0	7
Contingency	0	0	34	34	0	68	0	0	68
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$470</b>	<b>\$397</b>	<b>\$0</b>	<b>\$867</b>	<b>\$0</b>	<b>\$0</b>	<b>\$867</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$470	\$397	\$0	\$867	\$0	\$0	\$867
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$470	\$397	\$0	\$867	\$0	\$0	\$867
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$470</b>	<b>\$397</b>	<b>\$0</b>	<b>\$867</b>	<b>\$0</b>	<b>\$0</b>	<b>\$867</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00		0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0		0.0
Operating	0.0	0.0	0.0	0.0	0.0		0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>		<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	41.7	77.6		77.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0		0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$41.7</b>	<b>\$77.6</b>		<b>\$77.6</b>

<b>LOCATION:</b> La Plata, MD
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**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>	<b>Requested By:</b> DPW
<b>Detention Center and Detention Center Annex Improvements</b>	<b>Project #:</b>
	<b>Goal: 2</b>
Project consists for various improvements to include, flooring repairs, rebuild gating system, add personnel gate, intercom system replacement, upgrade sprinkler system, door control system, install hand rails, and expand electrical service.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$170</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$3	\$3	\$0	\$6	\$0	\$0	\$6
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	75	75	0	150	0	0	150
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	3	3	0	6	0	0	6
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	4	4	0	8	0	0	8
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$85</b>	<b>\$85</b>	<b>\$0</b>	<b>\$170</b>	<b>\$0</b>	<b>\$0</b>	<b>\$170</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$85	\$85	\$0	\$170	\$0	\$0	\$170
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$85	\$85	\$0	\$170	\$0	\$0	\$170
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$85</b>	<b>\$85</b>	<b>\$0</b>	<b>\$170</b>	<b>\$0</b>	<b>\$0</b>	<b>\$170</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00		0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0		0.0
Operating	0.0	0.0	0.0	0.0	0.0		0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>		<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	7.5	15.2		15.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0		0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$7.5</b>	<b>\$15.2</b>		<b>\$15.2</b>

<b>LOCATION:</b> Charles County Detention Center
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**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	Requested By: DPW
<b>Detention Center Pump Station Rehab</b>	Project #:
	Goal: 2
<p>The existing pumps and rail system are aged and in need of replacement. In addition, the pump station will be evaluated to determine the best method for debris handling to reduce pump clogging.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$186</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$100	\$0	\$0	\$100	\$0	\$0	\$100
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	75	0	0	75	0	0	75
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	3	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	8	0	0	8	0	0	8
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$186</b>	<b>\$0</b>	<b>\$0</b>	<b>\$186</b>	<b>\$0</b>	<b>\$0</b>	<b>\$186</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$186	\$0	\$0	\$186	\$0	\$0	\$186
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$186	\$0	\$0	\$186	\$0	\$0	\$186
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$186</b>	<b>\$0</b>	<b>\$0</b>	<b>\$186</b>	<b>\$0</b>	<b>\$0</b>	<b>\$186</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	16.5	16.5	16.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$16.5</b>	<b>\$16.5</b>	<b>\$16.5</b>

**LOCATION:**  
Charles County Detention Center

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>	<b>Requested By: DPW</b>
<b>Tri-County Animal Shelter Improvements</b>	<b>Project #: 3219</b>
	<b>Goal: 2</b>
Additional improvements to this facility to include roof replacement of the 20 year old shingle roof. The plywood in areas of the roof membrane will need to be replaced as well. Prior appropriations include funds to repair and replace fencing, flooring, walk-in freezer, underground storage tank, boiler replacement, HVAC improvements, one-wing renovation, etc.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$47</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	40	0	0	0	0	40	0	0	40
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	0	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	4	0	0	0	0	4	0	0	4
<b>Total Outlay</b>	<b>\$47</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	18	0	0	0	0	18	0	0	18
<b>Total County Funding</b>	<b>\$18</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: Calvert & St. Mary's	29	0	0	0	0	29	0	0	29
<b>Total Funding</b>	<b>\$47</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
						0.00
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

<b>LOCATION:</b> Tri-County Animal Shelter
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**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: FAS</b>
<b>Replacement of County Financial Software Program</b>	<b>Project #:</b>
	<b>Goal: 3.6</b>
Replacement of NWS software and conversion of existing data. This includes all financial applications (G/L, A/P, A/R, Procurement, Budget, Project/Grant Actg, Revenue Actg, and Asset Tracking). This also includes Payroll Processing, Tax Billing/Collections, and Utility Billing. Current NWS software was acquired in early 90s and is at end of life. Vendor is no longer enhancing software and it is anticipated that the vendor will stop supporting the software in the next 4-5 years.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	766	0	0	766	0	0	766
Administration	0	0	3	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	77	0	0	77	0	0	77
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$846</b>	<b>\$0</b>	<b>\$0</b>	<b>\$846</b>	<b>\$0</b>	<b>\$0</b>	<b>\$846</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$723	\$0	\$0	\$723	\$0	\$0	\$723
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$723	\$0	\$0	\$723	\$0	\$0	\$723
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: Other Funds	0	0	123	0	0	123	0	0	123
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$846</b>	<b>\$0</b>	<b>\$0</b>	<b>\$846</b>	<b>\$0</b>	<b>\$0</b>	<b>\$846</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond thru FY15 FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	6.8	6.9	7.0	7.2	0.0	7.4
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$6.8</b>	<b>\$6.9</b>	<b>\$7.0</b>	<b>\$7.2</b>	<b>\$0.0</b>	<b>\$7.4</b>
Debt Service: Bonds	0.0	0.0	0.0	64.1	64.1	0.0	64.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$6.8</b>	<b>\$6.9</b>	<b>\$71.1</b>	<b>\$71.3</b>	<b>\$0.0</b>	<b>\$71.5</b>

**LOCATION:**  
La Plata, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>																												
<b>Public Facility Impact Fee Analysis</b>	<b>Project #:</b>																												
	<b>Goal: 2.1</b>																												
<p>In order for the County to gain a better understanding of the costs associated with growth and how best to meet the financial challenges brought on by growth, it is recommended that a County-wide public facility impact fee analysis be conducted as related to new development costs and impacts. This study may or may not result in recommendations for new or revised impact fees related to: sewer, water, roads, schools, parks, drainage, fire and emergency services or potentially other areas of impact such as farmland and open space preservation costs. A benefit/cost analysis of services in relation to the various development types will be conducted. Impact fees will be matched to projected public facility needs based on growth projections. A draft ordinance with potential fees will be considered.</p>																													
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>																													
	<b>TOTAL</b>																												
Approved FY15-FY19 CIP	\$0																												
<b>Increase/(Decrease)</b>	<b>\$270</b>																												
% change	<i>new</i>																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FY 2016</th> <th>FY 2017</th> <th>FY 2018</th> <th>FY 2019</th> </tr> </thead> <tbody> <tr> <td>Approved FY15-FY19 CIP</td> <td style="text-align: center;">\$0</td> <td style="text-align: center;">\$0</td> <td style="text-align: center;">\$0</td> <td style="text-align: center;">\$0</td> </tr> <tr> <td><b>Increase/(Decrease)</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$270</b></td> <td style="text-align: center;"><b>\$0</b></td> </tr> <tr> <td>% change</td> <td style="text-align: center;"><i>n/a</i></td> <td style="text-align: center;"><i>n/a</i></td> <td style="text-align: center;"><i>new</i></td> <td style="text-align: center;"><i>n/a</i></td> </tr> </tbody> </table>		FY 2016	FY 2017	FY 2018	FY 2019	Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>	<b>\$0</b>	% change	<i>n/a</i>	<i>n/a</i>	<i>new</i>	<i>n/a</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>Approved FY15-FY19 CIP</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td><b>Increase/(Decrease)</b></td> <td style="text-align: right;"><b>\$270</b></td> </tr> <tr> <td>% change</td> <td style="text-align: right;"><i>new</i></td> </tr> </tbody> </table>		TOTAL	Approved FY15-FY19 CIP	\$0	<b>Increase/(Decrease)</b>	<b>\$270</b>	% change	<i>new</i>
	FY 2016	FY 2017	FY 2018	FY 2019																									
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0																									
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>	<b>\$0</b>																									
% change	<i>n/a</i>	<i>n/a</i>	<i>new</i>	<i>n/a</i>																									
	TOTAL																												
Approved FY15-FY19 CIP	\$0																												
<b>Increase/(Decrease)</b>	<b>\$270</b>																												
% change	<i>new</i>																												

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$250	\$0	\$0	\$250	\$0	\$0	\$250
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	16	0	0	16	0	0	16
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	4	0	0	4	0	0	4
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	270	0	0	270	0	0	270
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
County-wide, potentially divided into various types of development areas.

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Government Center Master Plan</b>	<b>Project #:</b>
	<b>Goal: #1.2, #1.18, #2</b>
<p>The proposal is to conduct a planning and conceptual urban design study to create a long-range Master Redevelopment Plan for the County government services in La Plata:</p> <ul style="list-style-type: none"> <li>• Review existing facilities and potential long term county expansion needs;</li> <li>• Review potential for redevelopment of county land of the existing administrative building, parking areas and adjacent developable lands;</li> <li>• Work with County Commissioners and departments to project long range needs;</li> <li>• Examine potential for a new Government Center Complex and multiple uses in the immediate area to be accommodated through redevelopment;</li> <li>• Consider development of a parking garage to help stimulate adjacent redevelopment in the downtown area and to create a greater urban and pedestrian friendly environment;</li> <li>• Estimate potential costs and revenues associated with redevelopment for public and private sectors as proposed in the design;</li> <li>• Work with the Town of La Plata and the La Plata Development Corporation on common goals for the downtown area and consider their input;</li> <li>• Help create a vibrant Town Center area that meets the future needs for the County and helps stimulate economic vitality in La Plata.</li> </ul>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	new
	<b>\$98</b>
	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$80	\$0	\$0	\$80	\$0	\$0	\$80
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	13	0	0	13	0	0	13
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	5	0	0	5	0	0	5
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	98	0	0	98	0	0	98
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
County Government Complex in La Plata, MD.

**APPROVED CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016  
(\$ in thousands)**

<b>PROJECT NAME:</b>					<b>Requested By: DES</b>
<b>Radio Communications System Upgrade</b>					<b>Project #: 3220</b>
					<b>Goal: 6</b>
<p>This project will upgrade the County's current Motorola 4.1 800 MHz Smartzone radio system to a P25 platform. The County's radio system is quickly falling out of support with Motorola. Some integral parts of the system are no longer supported and our service provider has to search with third party vendors such as Ebay to attempt to find replacements. The support for the rest of the system will end in December of 2018. We suffer insufficient system capacity issues due to the increased number of radio system users (more than 2000) and their operational requirements. Our radios are not capable of using the most current encryption technology. Adding more frequencies and moving to a spectrum efficient (TDMA) technology to correct our capacity issues is also not possible with the current system. A radio system upgrade would allow the County to improve our interoperability with regional partners. Radio coverage problems, including the possibility of additional towers, will also be evaluated and corrected with as part of a radio system upgrade. Upgrading the Public Safety radio system directly impacts the safety and security of the County's citizens and first responders. Charles County users; Commissioner President, County Administrator, CCG Security, CCG Safety Officer, Public Works, VanGo, Planning &amp; Growth, College of SoMD, Health Department, Charles Regional Med Ctr, Towns of Indian Head and La Plata, Emergency Services, Fire Dept, Emergency Medical Services, Sheriffs Dept, Corrections, State Police, Bridge Police. Given our proximity to the National Capital Region and shared responsibility for public safety on the Potomac River we have a number of external users; Fire Marshal's Office, Natural Resource Police, Forestry Dept., Dept of Environment, US Marshall, Bureau of Land Management, USMC Quantico FD, Naval District Washington Fire Dept - Indian Head and Dahlgren, FBI, US Park Police, St. Mary's, Calvert, Prince Georges, King George, Stafford, Prince William, Fairfax, Arlington, Alexandria, District of Columbia, Metropolitan Washington Airport Authority.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$371</b>	<b>\$471</b>	<b>\$0</b>	<b>\$0</b>	<b>\$842</b>
% change	new	new	n/a	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$350	\$450	\$0	\$0	\$0	\$800	\$0	\$5,331	\$6,131
Land & ROW	0	0	0	0	0	0	0	320	320
Construction	0	0	0	0	0	0	0	4,620	4,620
Equipment	0	0	0	0	0	0	0	21,911	21,911
Administration	21	21	0	0	0	42	0	93	135
Inspection	0	0	0	0	0	0	0	631	631
Miscellaneous	0	0	0	0	0	0	0	160	160
Contingency	0	0	0	0	0	0	0	940	940
<b>Total Outlay</b>	<b>\$371</b>	<b>\$471</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$842</b>	<b>\$0</b>	<b>\$34,006</b>	<b>\$34,848</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$371	\$471	\$0	\$0	\$0	\$842	\$0	\$34,006	\$34,848
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$371	\$471	\$0	\$0	\$0	\$842	\$0	\$34,006	\$34,848
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$371</b>	<b>\$471</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$842</b>	<b>\$0</b>	<b>\$34,006</b>	<b>\$34,848</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	31.5	72.4	72.4	72.4	0.0	3,152.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$31.5</b>	<b>\$72.4</b>	<b>\$72.4</b>	<b>\$72.4</b>	<b>\$0.0</b>	<b>\$3,152.4</b>

**LOCATION:**  
N/A

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>La Plata Library Relocation</b>	<b>Project #:</b>
	<b>Goal: 2</b>
<p>The current La Plata Library was built in 1967 and is located on Route 6 in La Plata adjacent to UM Charles Regional Medical Center (formerly Civista). It contains 12,889 square feet used as a library and an additional 3,158 square feet of basement/mechanical storage room space. The Library sits on 1.507 acres and is located within the Town of La Plata. This request would replace that Library with a new 13,000 square-foot library also within the town of La Plata. This is consistent with a decision paper prepared by PGM which estimated the cost to be \$2,860,000 and presented to the County Commissioners on April 9, 2012. Funding sources include possible State grants and sale proceeds from surplus property.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$2,627</b>
% change	<i>new</i>
	<i>new</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$286	\$0	\$0	\$286	\$0	\$0	\$286
Land & ROW	0	0	650	0	0	650	0	0	650
Construction	0	0	0	1,430	1,430	2,860	0	0	2,860
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	72	72	144	0	0	144
Inspection	0	0	0	36	36	72	0	0	72
Miscellaneous	0	0	0	10	10	20	0	0	20
Contingency	0	0	0	143	143	286	0	0	286
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$936</b>	<b>\$1,691</b>	<b>\$1,691</b>	<b>\$4,318</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,318</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$351	\$634	\$634	\$1,619	\$0	\$0	\$1,619
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$351</b>	<b>\$634</b>	<b>\$634</b>	<b>\$1,619</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,619</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: Land Sale / State	0	0	585	1,057	1,057	2,699	0	0	2,699
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$936</b>	<b>\$1,691</b>	<b>\$1,691</b>	<b>\$4,318</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,318</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	11.9	12.1	12.4	12.7
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$11.9</b>	<b>\$12.1</b>	<b>\$12.4</b>	<b>\$12.7</b>
Debt Service: Bonds	0.0	0.0	0.0	31.1	88.6	88.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$11.9</b>	<b>\$43.2</b>	<b>\$101.0</b>	<b>\$101.3</b>

**LOCATION:**  
Downtown La Plata

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>National Guard Armory Renovations Study</b>	<b>Project #: 3221</b>
	<b>Goal: 2</b>
<p>In 2011, the Department of Public Works (DPW) performed a preliminary assessment on the former National Guard Armory building located in La Plata, MD. Based on DPW's findings, required renovations include lead paint, mold and asbestos abatement, handicap compliance upgrades, replacement of plumbing, heating and cooling, electrical, sprinkler and mechanical systems, structural repairs, environmental site assessment, and site improvements. Before design and construction can be implemented, a detailed study is needed to determine the extent of the renovations along with providing recommendations on potential uses of the facility. When completed, the study will be the basis for deciding if and how to move forward with renovations.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$80</b>
<i>% change</i>	<i>new</i>
<i>FY 2016</i>	<i>FY 2017</i>
<i>FY 2018</i>	<i>FY 2019</i>
<i>new</i>	<i>n/a</i>
<i>n/a</i>	<i>n/a</i>
<i>n/a</i>	<i>n/a</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$65	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$65
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	10	0	0	0	0	10	0	0	10
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	5	0	0	0	0	5	0	0	5
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	80	0	0	0	0	80	0	0	80
<b>Total County Funding</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020	
						FY 2020	Total
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
La Plata, MD

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: DPW</b>
<b>Park Repair &amp; Maintenance Projects</b>	<b>Project #: 4095</b>
	<b>Goal: 2</b>
<p>Ongoing renovation and improvement of community athletic fields and tennis facilities used exclusively by the public and the purchase of bleachers, benches, picnic tables and infield mix on a Countywide basis. Other capital maintenance projects include such work as the repair and replacement of fences, backstops, restroom facilities, 20+ year-old playground equipment and field lighting equipment that has deteriorated and become a safety concern.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$1,272
<b>Increase/(Decrease)</b>	<b>(\$158)</b>
<i>% change</i>	<i>-12.4%</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	3	3	3	15	0	3	18
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	236	236	315	315	315	1,417	0	315	1,732
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$239</b>	<b>\$239</b>	<b>\$318</b>	<b>\$318</b>	<b>\$318</b>	<b>\$1,432</b>	<b>\$0</b>	<b>\$318</b>	<b>\$1,750</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	239	239	318	318	318	1,432	0	318	1,750
Total County Funding	\$239	\$239	\$318	\$318	\$318	\$1,432	\$0	\$318	\$1,750
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$239</b>	<b>\$239</b>	<b>\$318</b>	<b>\$318</b>	<b>\$318</b>	<b>\$1,432</b>	<b>\$0</b>	<b>\$318</b>	<b>\$1,750</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
County-wide

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Various Pedestrian &amp; Bicycle Facilities</b>	<b>Project #: 4069</b>
	<b>Goal: 3.5</b>
<p>To provide a network of pedestrian &amp; bicycle facilities within the Development District &amp; to provide amenities such as park &amp; walk/bike lots &amp; rest stops as part of the linear trails being constructed with the Enhanced Transportation program. If a project is located on a State road, then project is eligible for State funding. The following projects are currently being considered:</p>	
<ol style="list-style-type: none"> <li>1. Smallwood Drive from Route 301 eastward to St. Charles Parkway.</li> <li>2. Old Washington Road from Route 5 to Substation Road.</li> <li>3. Route 210 from Route 227 to Ruth B. Swann Drive.</li> <li>4. Route 227 from Billingsley Rd. to Route 210 northward to trail tie-in.</li> <li>5. Chapel Point Road from Causeway Dr. to Commerce Street.</li> </ol>	<ol style="list-style-type: none"> <li>6. From intersection of Route 227 and Route 210 northward on Route 210 approximately 300 lf and westward on Route 227 to Matthews Road.</li> <li>7. Route 227 from Food Lion entrance eastward to Matthews Road and northward on Matthews Road to auxiliary road eastward to Route 210.</li> <li>8. Route 227 westward to Matthews Road southward to Shopping Center Entrance.</li> <li>9. BUS 5 from Burnt Store Road to Bypass - North &amp; South.</li> <li>10. BUS 5 from 231 to Bypass - South.</li> <li>11. Lexington Drive (Berry Valley Neighborhood).</li> </ol>
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$240
<b>Increase/(Decrease)</b>	<b>(\$80)</b>
% change	-33.3%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$5	\$5	\$5	\$15	\$19	\$5	\$39
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	53	53	53	159	9	53	221
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	6	6	6	18	4	6	28
Inspection	0	0	5	5	5	15	14	5	34
Miscellaneous	0	0	5	5	5	15	11	5	31
Contingency	0	0	6	6	6	18	0	6	24
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>	<b>\$80</b>	<b>\$80</b>	<b>\$240</b>	<b>\$56</b>	<b>\$80</b>	<b>\$376</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$80	\$80	\$80	\$240	\$45	\$80	\$365
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	11	0	11
Total County Funding	\$0	\$0	\$80	\$80	\$80	\$240	\$56	\$80	\$376
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80</b>	<b>\$80</b>	<b>\$80</b>	<b>\$240</b>	<b>\$56</b>	<b>\$80</b>	<b>\$376</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	7.1	14.3	4.0	21.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$7.1</b>	<b>\$14.3</b>	<b>\$4.0</b>	<b>\$21.6</b>

<b>LOCATION:</b>
County-wide

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: DPW</b>
<b>Waterfront Acquisition</b>	<b>Project #:</b>
	<b>Goal: 2</b>
Land acquisition of Potomac River (or tributary) to preserve open space, give citizens access to waterfront and to protect sensitive environmental areas. Project is specific to meeting the Commissioners Goals and Objectives.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$1,503
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	1,500	0	0	0	1,500	0	0	1,500
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	3	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$1,503</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,503</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,503</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	3	0	0	0	3	0	0	3
Total County Funding	\$0	\$3	\$0	\$0	\$0	\$3	\$0	\$0	\$3
Federal	0	0	0	0	0	0	0	0	0
State	0	1,500	0	0	0	1,500	0	0	1,500
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$1,503</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,503</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,503</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
To be determined

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> DPW
<b>Milton Somers Football Stadium Improvements</b>	<b>Project #:</b>
	<b>Goal: 3.5</b>
<p>This project was requested by the Charles County Youth Football League Board of Directors. The request includes demolition of existing facility grandstands which are roped off in sections, and would acquire new bleachers for safety issues.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$195
<b>Increase/(Decrease)</b>	<b>(\$107)</b>
% change	-54.9%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	10	0	0	0	10	0	15	25
Equipment	0	60	0	0	0	60	0	135	195
Administration	0	3	0	0	0	3	0	3	6
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	15	0	0	0	15	0	0	15
<b>Total Outlay</b>	<b>\$0</b>	<b>\$88</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$88</b>	<b>\$0</b>	<b>\$153</b>	<b>\$241</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$88	\$0	\$0	\$0	\$88	\$0	\$153	\$241
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$88	\$0	\$0	\$0	\$88	\$0	\$153	\$241
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$88</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$88</b>	<b>\$0</b>	<b>\$153</b>	<b>\$241</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	1.3	1.3	1.3	1.4
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1.3</b>	<b>\$1.3</b>	<b>\$1.3</b>	<b>\$1.4</b>
Debt Service: Bonds	0.0	0.0	7.6	7.6	7.6	21.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8.9</b>	<b>\$8.9</b>	<b>\$8.9</b>	<b>\$22.9</b>

**LOCATION:**  
Milton Somers Middle School, La Plata, MD

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: DPW</b>
<b>Oak Ridge Development Phase II</b>	<b>Project #:</b>
	<b>Goal: 3.5</b>
Phase II development of Oak Ridge Park will include additional athletic playing fields to meet active recreation demands of the Hughesville, Bryantown and Dentsville communities. Athletic field lights to be included on at least two fields.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$443
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	400	0	0	400	0	0	400
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	3	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	40	0	0	40	0	0	40
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$443</b>	<b>\$0</b>	<b>\$0</b>	<b>\$443</b>	<b>\$0</b>	<b>\$0</b>	<b>\$443</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$143	\$0	\$0	\$143	\$0	\$0	\$143
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$143	\$0	\$0	\$143	\$0	\$0	\$143
Federal	0	0	0	0	0	0	0	0	0
State	0	0	300	0	0	300	0	0	300
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$443</b>	<b>\$0</b>	<b>\$0</b>	<b>\$443</b>	<b>\$0</b>	<b>\$0</b>	<b>\$443</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.15	0.15	0.15
Personnel Costs	0.0	0.0	0.0	3.6	3.7	3.9
Operating	0.0	0.0	0.0	10.8	11.0	11.4
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$14.4</b>	<b>\$14.7</b>	<b>\$15.3</b>
Debt Service: Bonds	0.0	0.0	0.0	12.7	12.7	12.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$27.1</b>	<b>\$27.4</b>	<b>\$28.0</b>

**LOCATION:**  
Bryantown, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: DPW</b>
<b>Gilbert Run/Oak Ridge Connection Trail</b>	<b>Project #:</b>
	<b>Goal: 3.5</b>
<p>Development of a hiking/equestrian trail to connect Oak Ridge Park with Gilbert Run Park. A stone dust surface trail to follow a 50' ROW through several residential communities. Approximately 1.5 miles in length, this trail would expand hiking/horseback riding opportunities and serve adjacent communities as an off-road access to several County parks.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$279
<b>Increase/(Decrease)</b>	<b>(\$251)</b>
% change	-90.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$25	\$0	\$25	\$0	\$0	\$25
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	225	225	0	0	225
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	3	3	6	0	0	6
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	23	23	0	0	23
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$28</b>	<b>\$251</b>	<b>\$279</b>	<b>\$0</b>	<b>\$0</b>	<b>\$279</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
Bonds	\$0	\$0	\$0	\$28	\$82	\$110	\$0	\$0	\$110
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$28	\$82	\$110	\$0	\$0	\$110
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	169	169	0	0	169
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$28</b>	<b>\$251</b>	<b>\$279</b>	<b>\$0</b>	<b>\$0</b>	<b>\$279</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	1.3
Operating	0.0	0.0	0.0	0.0	0.0	4.2
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$5.5</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	2.5	2.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	1.6
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$2.5</b>	<b>\$9.6</b>

**LOCATION:**  
Gilbert Run/Oak Ridge Parks

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Popes Creek Rail Trail</b>	<b>Requested By:</b> DPW <b>Project #:</b> 4047 <b>Goal:</b> 3.5																				
Development: Hiker/Biker trail to be developed along three mile abandoned rail road corridor. This project will help the County provide passive recreation trail opportunities that are currently not available. It is consistent with the County's Land Preservation and Recreation Plan and Comprehensive Plans, as well as, the Tri-County Council Regional Trail & Bikeway Plan and the Maryland Greenways Plan.																					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>																					
	<i>The project has changed from 56 acres to 220 acres, added amenities, significant erosion since Tropical Storm Lee, and with additional federal funding, requirements are much more in depth for SWM, wetlands, borings, etc.</i>																				
	<b>TOTAL</b>																				
Approved FY15-FY19 CIP	\$278																				
<b>Increase/(Decrease)</b>	<b>\$768</b>																				
% change	276.3%																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 15%;">FY 2016</th> <th style="width: 15%;">FY 2017</th> <th style="width: 15%;">FY 2018</th> <th style="width: 15%;">FY 2019</th> </tr> </thead> <tbody> <tr> <td>Approved FY15-FY19 CIP</td> <td style="text-align: right;">\$278</td> <td style="text-align: right;">\$0</td> <td style="text-align: right;">\$0</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td><b>Increase/(Decrease)</b></td> <td style="text-align: right;"><b>\$325</b></td> <td style="text-align: right;"><b>\$443</b></td> <td style="text-align: right;"><b>\$0</b></td> <td style="text-align: right;"><b>\$0</b></td> </tr> <tr> <td>% change</td> <td style="text-align: right;">116.9%</td> <td style="text-align: right;">new</td> <td style="text-align: right;">n/a</td> <td style="text-align: right;">n/a</td> </tr> </tbody> </table>		FY 2016	FY 2017	FY 2018	FY 2019	Approved FY15-FY19 CIP	\$278	\$0	\$0	\$0	<b>Increase/(Decrease)</b>	<b>\$325</b>	<b>\$443</b>	<b>\$0</b>	<b>\$0</b>	% change	116.9%	new	n/a	n/a	
	FY 2016	FY 2017	FY 2018	FY 2019																	
Approved FY15-FY19 CIP	\$278	\$0	\$0	\$0																	
<b>Increase/(Decrease)</b>	<b>\$325</b>	<b>\$443</b>	<b>\$0</b>	<b>\$0</b>																	
% change	116.9%	new	n/a	n/a																	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$30	\$0	\$30
Land & ROW	0	0	0	0	0	0	1,426	0	1,426
Construction	550	400	0	0	0	950	670	0	1,620
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	0	0	0	6	4	0	10
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	50	40	0	0	0	90	67	0	157
<b>Total Outlay</b>	<b>\$603</b>	<b>\$443</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,046</b>	<b>\$2,197</b>	<b>\$0</b>	<b>\$3,243</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
Bonds	\$328	\$243	\$0	\$0	\$0	\$571	\$460	\$0	\$1,031
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	1	0	1
<b>Total County Funding</b>	<b>\$328</b>	<b>\$243</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$571</b>	<b>\$461</b>	<b>\$0</b>	<b>\$1,032</b>
Federal	0	0	0	0	0	0	963	0	963
State	275	200	0	0	0	475	773	0	1,248
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$603</b>	<b>\$443</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,046</b>	<b>\$2,197</b>	<b>\$0</b>	<b>\$3,243</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond thru FY15 FY 2020	
No. of Personnel	0.00	0.31	0.31	0.31	0.31	0.00	0.31
Personnel Costs	0.0	6.0	6.2	6.5	6.7	0.0	7.0
Operating	0.0	7.6	7.8	8.0	8.1	0.0	8.4
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$13.6</b>	<b>\$14.0</b>	<b>\$14.5</b>	<b>\$14.8</b>	<b>\$0.0</b>	<b>\$15.4</b>
Debt Service: Bonds	0.0	27.9	49.0	49.0	49.0	41.4	49.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$41.5</b>	<b>\$63.0</b>	<b>\$63.5</b>	<b>\$63.8</b>	<b>\$41.4</b>	<b>\$64.4</b>

**LOCATION:**  
Faulkner, Maryland (between Route 301 and Pope's Creek Road)

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> DPW
<b>Road Overlay Program</b>	<b>Project #:</b> 2205
<b>Goal: 2</b>	
Highway Maintenance Program to complete asphalt overlay, modified seal, slurry seal, crack seal, line striping, deep patching, pavement markings, and repairs on various roads in the county. Roads for treatment to be determined.	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$12,312
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	3,000	3,000	3,000	3,000	3,000	15,000	0	3,000	18,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	3	3	3	15	0	3	18
Inspection	75	75	75	75	75	375	0	75	450
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$3,078</b>	<b>\$3,078</b>	<b>\$3,078</b>	<b>\$3,078</b>	<b>\$3,078</b>	<b>\$15,390</b>	<b>\$0</b>	<b>\$3,078</b>	<b>\$18,468</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 year)	\$2,588	\$2,916	\$2,916	\$2,916	\$2,916	\$14,252	\$0	\$2,916	\$17,168
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	328	0	0	0	0	328	0	0	328
<b>Total County Funding</b>	<b>\$2,916</b>	<b>\$2,916</b>	<b>\$2,916</b>	<b>\$2,916</b>	<b>\$2,916</b>	<b>\$14,580</b>	<b>\$0</b>	<b>\$2,916</b>	<b>\$17,496</b>
Federal	0	0	0	0	0	0	0	0	0
State	162	162	162	162	162	810	0	162	972
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$3,078</b>	<b>\$3,078</b>	<b>\$3,078</b>	<b>\$3,078</b>	<b>\$3,078</b>	<b>\$15,390</b>	<b>\$0</b>	<b>\$3,078</b>	<b>\$18,468</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	219.9	473.1	731.7	995.8	1,260.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$219.9</b>	<b>\$473.1</b>	<b>\$731.7</b>	<b>\$995.8</b>	<b>\$1,260.0</b>

**LOCATION:**  
Roads throughout Charles County

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>County Drainage Systems Improvement Program</b>	<b>Project #: 2161</b>
	<b>Goal: 2.1</b>
Provide drainage improvements at various locations that have been recorded as experiencing serious drainage problems: A follow up study is being conducted by the US Army Corp. of Engineers (USACE) for which the County contributed \$104K that represented 40% of the cost for the study on Pinefield, Halley Estates, Strawberry Hills, and Acton Village Phase 2.	
(1) Carrington - According to a supplemental drainage study (October 2007) performed by PGM Staff, the accumulation of trash and debris coupled with fallen trees has contributed to poor drainage in open and closed section stormwater conveyance systems serving over 250 of mix use acres that includes the Carrington neighborhood. Estimated remediation costs: \$435,000	
(2) Halley Estates - Flooding occurs during rain events. Repair costs are estimated at \$316,000.	
(3) Pinefield Subdivision - Flooding routinely occurs in streets during rain events. A study was performed identifying major problems in the Pinefield community and several problem areas were noted. The County's SWM Engineer suggests that a final study be done to determine the exact improvements required. Engineering and construction cost for the needed improvements were estimated at \$1.4 million in 1990. A final study as suggested was performed by the US Army Corp of Engineers through its 510 Program revealed that more extensive repairs were needed than what was originally envisioned. Revised estimate provided in the USACE study shows construction at \$2,879,500.	
(4) Pinefield Drive Sink Hole Repairs - Estimated costs: \$140,000.	
(5) Acton Village/Coventry Manor Drainage Improvements - Serious flooding and erosion is occurring in the rear of some townhomes that receives runoff from Acton Lane. Estimated remediation costs: \$25,000.	
(6) Cobb Island - This older community has many inadequate pipes, ditches, etc. that need improvement. Estimated costs: \$25,000	
(7) Douglas Circle. Estimated costs: \$40,000	
(8) Norwood Subdivision Failing Storm Drain: Estimated costs: \$25,000	
(9) Chapel Point Woods Drainage Improvements - Improvements to drainage issues in the front of private properties west side of Twinberry Drive. Discharge exceeds capacity of driveway culverts causing yard flooding. Estimated Costs: \$10,000 A/E and \$100,000 Construction	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$1,573
<b>Increase/(Decrease)</b>	<b>(\$721)</b>
% change	-45.8%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$15	\$15	\$15	\$15	\$15	\$75	\$382	\$15	\$472
Land & ROW	0	0	0	0	0	0	55	0	55
Construction	170	170	170	170	170	850	1,893	170	2,913
Equipment	0	0	0	0	0	0	0	0	0
Administration	9	9	9	9	9	45	92	9	146
Inspection	0	0	0	0	0	0	75	0	75
Miscellaneous	2	2	2	2	2	10	46	2	58
Contingency	17	17	17	17	17	85	316	17	418
<b>Total Outlay</b>	<b>\$213</b>	<b>\$213</b>	<b>\$213</b>	<b>\$213</b>	<b>\$213</b>	<b>\$1,065</b>	<b>\$2,859</b>	<b>\$213</b>	<b>\$4,137</b>

FINANCING SOURCES						5-Year			
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$213	\$213	\$213	\$213	\$213	\$1,065	\$2,819	\$213	\$4,097
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$213</b>	<b>\$213</b>	<b>\$213</b>	<b>\$213</b>	<b>\$213</b>	<b>\$1,065</b>	<b>\$2,819</b>	<b>\$213</b>	<b>\$4,097</b>
Federal	0	0	0	0	0	0	40	0	40
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$213</b>	<b>\$213</b>	<b>\$213</b>	<b>\$213</b>	<b>\$213</b>	<b>\$1,065</b>	<b>\$2,859</b>	<b>\$213</b>	<b>\$4,137</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	14.6	29.6	45.0	60.8	253.5	76.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$14.6</b>	<b>\$29.6</b>	<b>\$45.0</b>	<b>\$60.8</b>	<b>\$253.5</b>	<b>\$76.6</b>

**LOCATION:**  
Various Sites throughout County. (See description above.)

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Safety Improvement Program- Existing Roadways</b>	<b>Project #:</b> 2177
	<b>Goal:</b> 2.2
Design and construct various roadway safety improvements/upgrades as recommended by the Charles County Safety Committee:	
1.) Lomax Rd. Upgrade - (Joe Court to eastern terminus). 2.) Ripley Rd. & Poorhouse Rd. (sight distance improvements). 3.) Poplar Hill Rd./Dr. Sam. Mudd Rd. (intersection safety Improvements). 4.) Fenwick Rd. northeast of Bluejay Way (drainage improvements). 5.) Berry Hills Rd. east of Marshall Hall Rd. (drainage improvements). 6.) Turkey Hill Rd. (eliminate 90 degree bend). 7.) Mitchell Rd. @ College of Southern Maryland (sight distance improvements).	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$1,097
<b>Increase/(Decrease)</b>	<b>(\$187)</b>
% change	-17.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$7	\$18	\$18	\$18	\$18	\$79	\$76	\$18	\$173
Land & ROW	5	15	15	15	15	65	29	15	109
Construction	70	185	185	185	185	810	194	184	1,188
Equipment	0	0	0	0	0	0	0	0	0
Administration	7	18	18	18	18	79	28	14	121
Inspection	5	14	14	14	14	61	35	18	114
Miscellaneous	1	2	2	2	2	9	9	2	20
Contingency	5	18	18	18	18	77	20	19	116
<b>Total Outlay</b>	<b>\$100</b>	<b>\$270</b>	<b>\$270</b>	<b>\$270</b>	<b>\$270</b>	<b>\$1,180</b>	<b>\$391</b>	<b>\$270</b>	<b>\$1,841</b>

FINANCING SOURCES						5-Year			
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$100	\$270	\$270	\$270	\$270	\$1,180	\$391	\$270	\$1,841
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$100	\$270	\$270	\$270	\$270	\$1,180	\$391	\$270	\$1,841
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$100</b>	<b>\$270</b>	<b>\$270</b>	<b>\$270</b>	<b>\$270</b>	<b>\$1,180</b>	<b>\$391</b>	<b>\$270</b>	<b>\$1,841</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	6.8	25.8	45.4	65.4	35.2	85.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$6.8</b>	<b>\$25.8</b>	<b>\$45.4</b>	<b>\$65.4</b>	<b>\$35.2</b>	<b>\$85.4</b>

**LOCATION:**  
Various Sites throughout County

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Traffic Signal Program</b>	<b>Project #:</b> 2156
	<b>Goal:</b> 2.2
Install new traffic signal at various locations throughout the county in conjunction with the Maryland State Highway Administration.	
1) Western Prkwy @ St. Patrick's Dr. - Signal & lane modifications	
2) St. Charles Prkwy @ St. Ignatius - Signal & lane modifications	
3) Washington Rd. and Heritage Green Parkway	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$1,066
<b>Increase/(Decrease)</b>	<b>(\$196)</b>
% change	-18.4%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$8	\$8	\$16	\$16	\$16	\$64	\$30	\$18	\$112
Land & ROW	5	5	10	10	10	40	20	11	71
Construction	105	105	200	200	200	810	349	204	1,363
Equipment	0	0	0	0	0	0	0	0	0
Administration	8	8	16	16	16	64	26	15	105
Inspection	10	10	18	18	18	74	33	20	127
Miscellaneous	3	3	5	5	5	21	2	1	24
Contingency	11	11	20	20	20	82	16	11	109
<b>Total Outlay</b>	<b>\$150</b>	<b>\$150</b>	<b>\$285</b>	<b>\$285</b>	<b>\$285</b>	<b>\$1,155</b>	<b>\$476</b>	<b>\$280</b>	<b>\$1,911</b>

FINANCING SOURCES						5-Year			
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$150	\$150	\$285	\$285	\$285	\$1,155	\$446	\$280	\$1,881
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	0	0	0	0	0	0	30	0	30
<b>Total County Funding</b>	<b>\$150</b>	<b>\$150</b>	<b>\$285</b>	<b>\$285</b>	<b>\$285</b>	<b>\$1,155</b>	<b>\$476</b>	<b>\$280</b>	<b>\$1,911</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$150</b>	<b>\$150</b>	<b>\$285</b>	<b>\$285</b>	<b>\$285</b>	<b>\$1,155</b>	<b>\$476</b>	<b>\$280</b>	<b>\$1,911</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	10.3	20.8	41.4	62.6	40.2	83.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$10.3</b>	<b>\$20.8</b>	<b>\$41.4</b>	<b>\$62.6</b>	<b>\$40.2</b>	<b>\$83.4</b>

**LOCATION:**  
County Wide

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> DPW
<b>Sidewalk Improvement Program</b>	<b>Project #:</b> 2206
	<b>Goal:</b> 2.1
<p>This project includes residential sidewalk repairs in the development district to include panel replacement, repair damaged concrete, safety risks and tripping hazards. Staff performs sidewalk inspections county-wide and prioritizes repairs based on safety risks that may be posed to the public. The condition rating guidelines that are followed rate sidewalks in the following prioritization:</p> <ul style="list-style-type: none"> <li>Priority 1 – Missing concrete panel, lifted panel 2" or higher</li> <li>Priority 2 – Concrete panels lifted ½" to 2" high</li> <li>Priority 3 – Concrete panels with heavy cracking, delamination or spaulding</li> </ul> <p>Maintenance for Hiker-Biker Paths and all sidewalks within subdivisions which are located within the County right-of-way, both of which were designed and constructed in accordance with the 1995 Road Ordinance or more recent revision, shall be the responsibility of Charles County.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$612
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	150	150	150	150	150	750	0	150	900
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	3	3	3	15	0	3	18
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$153</b>	<b>\$153</b>	<b>\$153</b>	<b>\$153</b>	<b>\$153</b>	<b>\$765</b>	<b>\$0</b>	<b>\$153</b>	<b>\$918</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$0	\$153	\$153	\$153	\$153	\$612	\$0	\$153	\$765
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	153	0	0	0	0	153	0	0	153
<b>Total County Funding</b>	<b>\$153</b>	<b>\$153</b>	<b>\$153</b>	<b>\$153</b>	<b>\$153</b>	<b>\$765</b>	<b>\$0</b>	<b>\$153</b>	<b>\$918</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$153</b>	<b>\$153</b>	<b>\$153</b>	<b>\$153</b>	<b>\$153</b>	<b>\$765</b>	<b>\$0</b>	<b>\$153</b>	<b>\$918</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	10.8	21.8	33.2	44.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$10.8</b>	<b>\$21.8</b>	<b>\$33.2</b>	<b>\$44.5</b>

**LOCATION:**  
To be determined.

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Mill Hill Road Upgrade</b>	<b>Project #:</b> 2134
	<b>Goal:</b> 2.2
<p>Due to the uncertainty of the Cross County Connector the upgrade of Mill Hill Road has been downsized to include 2 of the ultimate 4 lanes and road ordinance safety improvements from the Davis Road to Devenfield Avenue. The County has received complaints from the Board of Education and the residents/HOA of Avalon South due to safety concerns. This project will bring the aforementioned portion of Mill Hill Rd. up to County Road Ordinance standards.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$228
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$418	\$0	\$418
Land & ROW	228	0	0	0	0	228	100	0	328
Construction	0	0	0	0	0	0	2,647	0	2,647
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	206	0	206
Inspection	0	0	0	0	0	0	60	0	60
Miscellaneous	0	0	0	0	0	0	51	0	51
Contingency	0	0	0	0	0	0	288	0	288
<b>Total Outlay</b>	<b>\$228</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$228</b>	<b>\$3,769</b>	<b>\$0</b>	<b>\$3,997</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$228	\$0	\$0	\$0	\$0	\$228	\$3,360	\$0	\$3,588
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	0	0	0	0	0	0	409	0	409
<b>Total County Funding</b>	<b>\$228</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$228</b>	<b>\$3,769</b>	<b>\$0</b>	<b>\$3,997</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$228</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$228</b>	<b>\$3,769</b>	<b>\$0</b>	<b>\$3,997</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	15.6	15.6	15.6	15.6	302.2	15.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$15.6</b>	<b>\$15.6</b>	<b>\$15.6</b>	<b>\$15.6</b>	<b>\$302.2</b>	<b>\$15.6</b>

**LOCATION:**  
Waldorf, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Light Rail Transit Initiative</b>	<b>Project #:</b> 2180
	<b>Goal:</b> 2.2.b
<p>Funding is needed to start the project planning phase, consistent with the Federal Transit Administration's project development process, in cooperation with Prince George's County and the Maryland Department of Transportation (MDOT). The MDOT FY2014-2019 Consolidated Transportation Program (CTP) included \$5,000,000 to initiate Project Planning. Funding is needed for local planning and engineering activities to support the transit planning and preliminary engineering. A series of consulting services are needed to provide the necessary data gathering and production, local level analysis, and assistance with project management and coordination as this top County transportation priority is developed. Technical services needed will include but not limited to traffic analysis, population and employment analyses, transit ridership generation projections, site analyses for potential future transit stations, right-of-way preservation coordination and associated site assessment activities, transit development project coordination with the transit project, and assistance with interagency data coordination among the project team.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$540
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$270	\$270	\$0	\$0	\$0	\$540	\$810	\$0	\$1,350
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$270</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$540</b>	<b>\$810</b>	<b>\$0</b>	<b>\$1,350</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	270	270	0	0	0	540	810	0	1,350
Operating Transfer - General Fund	0	0	0	0	0	0	0	0	0
Total County Funding	\$270	\$270	\$0	\$0	\$0	\$540	\$810	\$0	\$1,350
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$270</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$540</b>	<b>\$810</b>	<b>\$0</b>	<b>\$1,350</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**LOCATION:**  
 Rail Line to be located adjacent/parallel to the west side Popes Creek Railroad Line in Waldorf from the Charles County Line to DeMarr Road in White Plains

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Billingsley Road Safety Improvements</b>	<b>Project #:</b> 2178
	<b>Goal:</b> 2.2
<p>A preliminary report of a study to determine where safety improvements are warranted along the Billingsley Road corridor from Middletown Rd. to Md. Route 210 has identified several areas for which safety improvement measures should be implemented. The recommended improvements consist of short term (tree removal, shoulder repair, and signage), medium range (shoulder installation and drainage), and long term solutions (realignment, and intersection improvements). The next phase of this project is to implement the short term and mid range improvements. The long term improvements will require a formal design to construct the realignment and intersection improvements.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$3,000
<b>Increase/(Decrease)</b>	<b>(\$1,253)</b>
<b>% change</b>	<b>7.0%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$127	\$0	\$0	\$0	\$0	\$127	\$153	\$340	\$620
Land & ROW	150	0	0	0	0	150	8	200	357
Construction	1,312	1,312	0	0	0	2,624	262	6,998	9,884
Equipment	0	0	0	0	0	0	0	0	0
Administration	46	39	0	0	0	85	10	102	197
Inspection	43	43	0	0	0	86	5	120	210
Miscellaneous	4	3	0	0	0	7	8	20	35
Contingency	65	65	0	0	0	130	8	220	358
<b>Total Outlay</b>	<b>\$1,747</b>	<b>\$1,462</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,209</b>	<b>\$453</b>	<b>\$8,000</b>	<b>\$11,662</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$1,747	\$1,462	\$0	\$0	\$0	\$3,209	\$453	\$8,000	\$11,662
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$1,747</b>	<b>\$1,462</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,209</b>	<b>\$453</b>	<b>\$8,000</b>	<b>\$11,662</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$1,747</b>	<b>\$1,462</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,209</b>	<b>\$453</b>	<b>\$8,000</b>	<b>\$11,662</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	119.6	222.5	222.5	222.5	40.7	816.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$119.6</b>	<b>\$222.5</b>	<b>\$222.5</b>	<b>\$222.5</b>	<b>\$40.7</b>	<b>\$816.4</b>

**LOCATION:**  
Waldorf, MD

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Old Washington Road Reconstruction</b>	<b>Project #: 2186</b>
	<b>Goal: 1.1.13</b>
<p>As part of the implementation of the Waldorf Urban Redevelopment Corridor (WURC) Study, reconstruction of portions of Old Washington Road is necessary to support increase in North-South traffic flow and overall traffic circulation. This route is a vital link to supporting commercial businesses in the Waldorf community. Old Washington Road is not only a North-South link, but will also support East-West connectivity between Western Parkway, US Rte. 301, and Post Office Road, via projects such as Holly Lane, Acton Lane.</p> <p>Estimated costs are subject to change after preliminary engineering is completed.                  Ex. ROW=30', Prop.R/W=72-80'; Length=1.67mi.. Major Collector</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$7,692
<b>Increase/(Decrease)</b>	<b>\$193</b>
% change	2.5%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$180	\$0	\$0	\$0	\$0	\$180	\$360	\$0	\$540
Land & ROW	500	500	0	0	0	1,000	0	0	1,000
Construction	0	470	2,495	2,495	0	5,460	0	0	5,460
Equipment	0	0	0	0	0	0	0	0	0
Administration	25	29	60	60	0	174	7	0	181
Inspection	0	0	129	129	0	258	0	0	258
Miscellaneous	10	25	111	110	0	256	5	0	261
Contingency	0	50	254	253	0	557	0	0	557
<b>Total Outlay</b>	<b>\$715</b>	<b>\$1,074</b>	<b>\$3,049</b>	<b>\$3,047</b>	<b>\$0</b>	<b>\$7,885</b>	<b>\$372</b>	<b>\$0</b>	<b>\$8,257</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)		\$715	\$1,074	\$3,049	\$3,047	\$0	\$7,885	\$372	\$0	\$8,257
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$715</b>	<b>\$1,074</b>	<b>\$3,049</b>	<b>\$3,047</b>	<b>\$0</b>	<b>\$7,885</b>	<b>\$372</b>	<b>\$0</b>	<b>\$8,257</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$715</b>	<b>\$1,074</b>	<b>\$3,049</b>	<b>\$3,047</b>	<b>\$0</b>	<b>\$7,885</b>	<b>\$372</b>	<b>\$0</b>	<b>\$8,257</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	49.0	124.5	344.9	571.1	33.5	571.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$49.0</b>	<b>\$124.5</b>	<b>\$344.9</b>	<b>\$571.1</b>	<b>\$33.5</b>	<b>\$571.1</b>

**LOCATION:**  
 Waldorf, Md. Route 5 to Substation Road

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Bridge Replacement Program</b>	<b>Project #: 2201</b>
	<b>Goal: 2.2</b>
<p>Replace deteriorating bridges within the County. Bridges are inspected on a bi-annual basis. Bridge may be eligible for Federal Bridge funding. Currently, Trinity Church Road Bridge &amp; Poplar Hill Road Bridge over the Zekiah Swamp have low ratings and may soon be deficient.</p> <p>Approval is contingent upon securing State and/or Federal funds.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$262
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	191	0	0	0	0	191	0	0	191
Equipment	0	0	0	0	0	0	0	0	0
Administration	10	0	0	0	0	10	0	0	10
Inspection	19	0	0	0	0	19	0	0	19
Miscellaneous	19	0	0	0	0	19	0	0	19
Contingency	23	0	0	0	0	23	0	0	23
<b>Total Outlay</b>	<b>\$262</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$262</b>	<b>\$0</b>	<b>\$0</b>	<b>\$262</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)		\$158	\$0	\$0	\$0	\$0	\$158	\$0	\$0	\$158
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$158</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$158</b>	<b>\$0</b>	<b>\$0</b>	<b>\$158</b>
Federal		104	0	0	0	0	104	0	0	104
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$262</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$262</b>	<b>\$0</b>	<b>\$0</b>	<b>\$262</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	10.8	10.8	10.8	10.8	10.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$10.8</b>	<b>\$10.8</b>	<b>\$10.8</b>	<b>\$10.8</b>	<b>\$10.8</b>

**PROJECT IS CONTINGENT UPON SECURING FEDERAL FUNDS.**

<b>LOCATION:</b>
Poplar Hill Road just West of Doctor Samuel Mudd Road.

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Washington Ave.- Various Intersection Improvements</b>	<b>Project #:</b> 2191
	<b>Goal:</b> 2.2
Provide left turn lanes at high-volume intersections, including the following:	
• Heritage Green Parkway • Shining Willow Way • E. Hawthorne Drive • Talbot Street • Cecil Street	
<p>Washington Ave. is an urban major collector road. As such, the goal is to ultimately provide a center turn lane along the road. The Fire Department made a request in 2011 for a traffic signal at their location on Washington Ave. at Shining Willow Way due to a traffic accident that tied up their main access to the fire station. This is also the subject of a Traffic Safety Committee request for October 2012, requesting that the shoulder northbound be striped for a right turn lane. The best response to both concerns would be to provide a left-turn lane at Shining Willow Way so that vehicles could get around anyone stopped to turn left.</p> <p>The US DOT and FHWA are encouraging the provision of left turn lanes as one of 9 proven safety measures, and are asking local and state jurisdictions to determine how and when they can consider these measures to improve safety, especially when federally funded investments are pursued. AASHTO recommends that left-turn lanes should be provided at street intersections along major arterials and collector roads wherever left turns are permitted. Studies have shown total crash reductions ranging from 28-44% and fatal/injury crash reductions of 35-55% when a left turn lane is provided on just one of the major street approaches and even more if on both approaches.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$915
<b>Increase/(Decrease)</b>	<b>(\$305)</b>
% change	-33.3%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$50	\$50	\$50	\$150	\$140	\$50	\$340
Land & ROW	0	0	40	40	40	120	40	0	160
Construction	0	0	170	170	170	510	170	170	850
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	16	16	16	48	21	16	85
Inspection	0	0	8	8	8	24	11	8	43
Miscellaneous	0	0	4	4	4	12	4	29	45
Contingency	0	0	17	17	17	51	17	105	173
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$305</b>	<b>\$305</b>	<b>\$305</b>	<b>\$915</b>	<b>\$403</b>	<b>\$378</b>	<b>\$1,696</b>

FINANCING SOURCES						5-Year			
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$0	\$0	\$305	\$305	\$305	\$915	\$403	\$378	\$1,696
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$305</b>	<b>\$305</b>	<b>\$305</b>	<b>\$915</b>	<b>\$403</b>	<b>\$378</b>	<b>\$1,696</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$305</b>	<b>\$305</b>	<b>\$305</b>	<b>\$915</b>	<b>\$403</b>	<b>\$378</b>	<b>\$1,696</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	22.0	44.7	36.2	50.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$22.0</b>	<b>\$44.7</b>	<b>\$36.2</b>	<b>\$50.7</b>

**LOCATION:**  
La Plata, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>St. Patrick's Dr. and Western Pkwy. Ped. Intersection Improvements</b>	<b>Project #:</b> 2192
	<b>Goal:</b> 2.2
<p>In response to a traffic safety complaint, vehicular/pedestrian traffic patterns were observed at the St. Patrick's Dr./Western Parkway intersection. It was noted that nearly every signal cycle has pedestrians crossing Western Parkway. Conflicts were observed between pedestrian with vehicles during both the left turn arrow (east bound approach) phase as well as with right-turn-on-red (south bound approach) vehicles. There is a site plan (Clarion Hotel Conversion, SDP 110041) for an adult community near this intersection, which will further increase the demand for a protected pedestrian crossing. There is a receiving sidewalk on both ends (east &amp; west side of Western Parkway) which will facilitate adding a crosswalk at this location.</p>	
<b>VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$147
<b>Increase/(Decrease)</b>	<b>\$0</b>
<i>% change</i>	<i>0.0%</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total 15-'19	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$30	\$0	\$30
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	110	0	0	0	0	110	110	0	220
Equipment	0	0	0	0	0	0	0	0	0
Administration	9	0	0	0	0	9	9	0	18
Inspection	12	0	0	0	0	12	12	0	24
Miscellaneous	5	0	0	0	0	5	5	0	10
Contingency	11	0	0	0	0	11	11	0	22
<b>Total Outlay</b>	<b>\$147</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147</b>	<b>\$177</b>	<b>\$0</b>	<b>\$324</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total 15-'19	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)		\$147	\$0	\$0	\$0	\$0	\$147	\$0	\$0	\$147
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer	CIP	0	0	0	0	0	0	177	0	177
<b>Total County Funding</b>		<b>\$147</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147</b>	<b>\$177</b>	<b>\$0</b>	<b>\$324</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$147</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147</b>	<b>\$177</b>	<b>\$0</b>	<b>\$324</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	10.1	10.1	10.1	10.1	0.0	10.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$10.1</b>	<b>\$10.1</b>	<b>\$10.1</b>	<b>\$10.1</b>	<b>\$0.0</b>	<b>\$10.1</b>

**LOCATION:**  
Western Pkwy @ St. Patrick's Drive Intersection

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>					<b>Requested By: PGM</b>	
<b>Neighborhood Traffic Calming Program</b>					<b>Project #: 2193</b>	
					<b>Goal: 2.2.a</b>	
<p>It is anticipated that a neighborhood traffic calming program may be adopted by the Board of Commissioners and that some funding will be necessary to implement that program. Additional staff and consultant resources would be required for necessary studies as well as for the cost of constructing actual traffic calming practices. Since a program has not been adopted, a funding formula has not been established. Many jurisdictions are starting to require part or full funding by the requesting neighborhoods. However, a survey of 21 jurisdictions showed traffic calming is budgeted from \$30,000 to \$600,000 per year. Initial cost of implementation may be greater.</p>						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2018</b>	<b>TOTAL</b>	<i>Construction costs include installation of traffic measures (i.e. speed bumps, round-a-bouts, rumble strips, etc. This will be an ongoing project, so the number of years are not finite.</i>
Approved FY15-FY19 CIP	\$312	\$312	\$312	\$312	\$1,248	
<b>Increase/(Decrease)</b>	<b>(\$312)</b>	<b>(\$35)</b>	<b>(\$35)</b>	<b>(\$35)</b>	<b>(\$417)</b>	
% change	-100.0%	-11.2%	-11.2%	-11.2%	-33.4%	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total 15-'19	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$21	\$21	\$21	\$21	\$84	\$60	\$60	\$204
Land & ROW	0	5	5	5	5	20	5	5	30
Construction	0	200	200	200	200	800	200	200	1,200
Equipment	0	12	12	12	12	48	0	0	48
Administration	0	12	12	12	12	48	16	16	80
Inspection	0	4	4	4	4	16	8	8	32
Miscellaneous	0	3	3	3	3	12	3	3	18
Contingency	0	20	20	20	20	80	20	20	120
<b>Total Outlay</b>	<b>\$0</b>	<b>\$277</b>	<b>\$277</b>	<b>\$277</b>	<b>\$277</b>	<b>\$1,108</b>	<b>\$312</b>	<b>\$312</b>	<b>\$1,732</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total 15-'19	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (10 year)		\$0	\$277	\$277	\$277	\$277	\$1,108	\$312	\$312	\$1,732
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$0</b>	<b>\$277</b>	<b>\$277</b>	<b>\$277</b>	<b>\$277</b>	<b>\$1,108</b>	<b>\$312</b>	<b>\$312</b>	<b>\$1,732</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: _____		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$277</b>	<b>\$277</b>	<b>\$277</b>	<b>\$277</b>	<b>\$1,108</b>	<b>\$312</b>	<b>\$312</b>	<b>\$1,732</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	1.00	1.00	1.00	1.00	0.00	1.00
Personnel Costs	0.0	75.4	78.4	81.6	84.8	0.0	88.2
Operating	0.0	31.2	63.7	97.4	132.5	0.0	136.5
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$106.6</b>	<b>\$142.1</b>	<b>\$179.0</b>	<b>\$217.3</b>	<b>\$0.0</b>	<b>\$224.7</b>
Debt Service: Bonds	0.0	0.0	31.9	63.8	95.7	38.5	99.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$106.6</b>	<b>\$174.0</b>	<b>\$242.8</b>	<b>\$313.0</b>	<b>\$38.5</b>	<b>\$324.4</b>

**LOCATION:**  
Various locations throughout the County that are yet to be determined.

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Middletown Road Phase 3</b>	<b>Project #:</b>
	<b>Goal:</b> 2.2
<p>Upgrade of existing Middletown Road from two lanes to four lanes as identified in the Waldorf Subarea Plan. This stretch of Middletown Road will provide supplemental traffic flow capacity for north-south travel through Charles County from the Cross County Connector to Md. Route 227 linking the two roads while relieving some of the traffic congestion from MD. Rte. 301.</p> <p>Estimated costs are subject to change after preliminary engineering is completed. Ex. ROW=30', Prop.R/W=150'; Length=1.25 mi. Minor Arterial</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$1,717</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$400	\$0	\$0	\$400	\$0	\$0	\$400
Land & ROW	0	0	1,250	0	0	1,250	0	1,250	2,500
Construction	0	0	0	0	0	0	0	4,620	4,620
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	22	0	0	22	0	148	170
Inspection	0	0	0	0	0	0	0	232	232
Miscellaneous	0	0	45	0	0	45	0	40	85
Contingency	0	0	0	0	0	0	0	462	462
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,717</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,717</b>	<b>\$0</b>	<b>\$6,752</b>	<b>\$8,469</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)		\$0	\$0	\$1,717	\$0	\$0	\$1,717	\$0	\$6,752	\$8,469
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$0</b>	<b>\$0</b>	<b>\$1,717</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,717</b>	<b>\$0</b>	<b>\$6,752</b>	<b>\$8,469</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$0</b>	<b>\$1,717</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,717</b>	<b>\$0</b>	<b>\$6,752</b>	<b>\$8,469</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00		0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0		0.0
Operating	0.0	0.0	0.0	0.0	0.0		0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>		<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	124.1	124.1		628.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0		0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$124.1</b>	<b>\$124.1</b>		<b>\$628.7</b>

**LOCATION:**  
Middletown Road from Billingsley Road to Md. Route 227

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Bibury Lane Bridge Replacement</b>	<b>Project #:</b> 2202
	<b>Goal:</b> 2
<p>The replacement of an existing bridge is necessary based on the 2014 Bridge Load Rating Analysis Report. The results of the load rating indicate that the bridge is insufficient to support the standard legal and permit trucks under both inventory and operating conditions. Therefore, it is recommended that the bridge be posted for a 14,000 lbs single unit truck and a 24,000 lbs combination truck. The load rating performed for the emergency vehicles indicates that the bridge is sufficient for the Ambulance vehicle in operating conditions, but insufficient for the Fire Engine, Tank Truck, Ladder Truck and Ladder Tower for both inventory and operating loading.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$310</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$50	\$0	\$0	\$0	\$0	\$50	\$0	\$0	\$50
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	200	0	0	0	0	200	0	0	200
Equipment	0	0	0	0	0	0	0	0	0
Administration	25	0	0	0	0	25	0	0	25
Inspection	10	0	0	0	0	10	0	0	10
Miscellaneous	5	0	0	0	0	5	0	0	5
Contingency	20	0	0	0	0	20	0	0	20
<b>Total Outlay</b>	<b>\$310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$310</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$310	\$0	\$0	\$0	\$0	\$310	\$0	\$0	\$310
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$310</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$310</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	21.2	21.2	21.2	21.2	0.0	21.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$21.2</b>	<b>\$21.2</b>	<b>\$21.2</b>	<b>\$21.2</b>	<b>\$0.0</b>	<b>\$21.2</b>

**LOCATION:**  
Off of Hawthorne Road in La Plata, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>					<b>Requested By: PGM</b>
<b>Old McDaniel Road to Ocelot Street</b>					<b>Project #: 2200</b>
					<b>Goal: 2.2</b>
<p>Per direction of the Board of County Commissioners, PGM evaluated alternative options to provide an alternate ingress/egress for Piney Grove Estates, in addition to providing greater roadway connectivity and circulation in the area. The extension of Old McDaniel Road as a Minor Collector roadway, from McDaniel Road to Ocelot Street, will connect the Piney Grove Estates, Charles Crossing, and Hampshire neighborhoods.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$929</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,529</b>
% change	<i>new</i>	<i>new</i>	<i>n/a</i>	<i>n/a</i>	<i>new</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$128	\$0	\$128
Land & ROW	317	0	0	0	0	317	8	0	325
Construction	497	496	0	0	0	993	0	0	993
Equipment	0	0	0	0	0	0	0	0	0
Administration	31	25	0	0	0	56	5	0	61
Inspection	25	24	0	0	0	49	0	0	49
Miscellaneous	9	5	0	0	0	14	1	0	15
Contingency	50	50	0	0	0	100	0	0	100
<b>Total Outlay</b>	<b>\$929</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,529</b>	<b>\$142</b>	<b>\$0</b>	<b>\$1,671</b>

FINANCING SOURCES						5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$929	\$600	\$0	\$0	\$0				
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$929</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,529</b>	<b>\$142</b>	<b>\$0</b>	<b>\$1,671</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: _____	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$929</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,529</b>	<b>\$142</b>	<b>\$0</b>	<b>\$1,671</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	63.6	105.8	105.8	105.8	12.8	105.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$63.6</b>	<b>\$105.8</b>	<b>\$105.8</b>	<b>\$105.8</b>	<b>\$12.8</b>	<b>\$105.8</b>

<b>LOCATION:</b>
Old McDaniel Road and Ocelot Street, Waldorf, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Middletown/Billingsley Roads Traffic Signal &amp; Intersection Improvements</b>	<b>Project #:</b> 2203
	<b>Goal:</b> 2
<p>The current traffic control setup and the Middletown/Billingsley Road intersection is a 4-way stop. During peak traffic hours, the intersection experiences vehicular backups in the Billingsley Road west bound and Middletown Road south bound lanes. Designs for a roundabout at this intersection were underway when funding for the roundabout was pulled. Since the traffic backup issue persists, an alternate solution to lessen the impact of the peak-hour traffic congestion is needed. This project will design and construct intersection improvements to include a new traffic signal.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$880</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year	Approp. thru FY15	Beyond FY 2020	Project Total
						Total '16-'20			
Architectural & Engineering	\$100	\$0	\$0	\$0	\$0	\$100	\$0	\$0	\$100
Land & ROW	150	0	0	0	0	150	0	0	150
Construction	0	500	0	0	0	500	0	0	500
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	30	0	0	0	45	0	0	45
Inspection	0	25	0	0	0	25	0	0	25
Miscellaneous	5	5	0	0	0	10	0	0	10
Contingency	0	50	0	0	0	50	0	0	50
<b>Total Outlay</b>	<b>\$270</b>	<b>\$610</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$880</b>	<b>\$0</b>	<b>\$0</b>	<b>\$880</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)	\$270	\$610	\$0	\$0	\$0	\$880	\$0	\$0	\$880
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$270</b>	<b>\$610</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$880</b>	<b>\$0</b>	<b>\$0</b>	<b>\$880</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$270</b>	<b>\$610</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$880</b>	<b>\$0</b>	<b>\$0</b>	<b>\$880</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	18.5	61.4	61.4	61.4	0.0	61.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$18.5</b>	<b>\$61.4</b>	<b>\$61.4</b>	<b>\$61.4</b>	<b>\$0.0</b>	<b>\$61.4</b>

**LOCATION:**  
Middletown/Billingsley Road intersection

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Radio Station Road/Rt. 488 Traffic Signal &amp; Geometric Improvements</b>	<b>Project #:</b>
	<b>Goal: 2</b>
<p>The installation of a traffic signal along with geometric improvements to the Radio Station Road/Md. Route 488 intersection are warranted based on a traffic analysis performed during morning and afternoon peak traffic conditions. The upgrades will support the increased traffic volume experienced since the opening of St. Charles Parkway and will improve the traffic circulation during AM and PM peak traffic periods.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$800</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$60	\$0	\$0	\$0	\$60	\$0	\$0	\$60
Land & ROW	0	30	0	0	0	30	0	0	30
Construction	0	600	0	0	0	600	0	0	600
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	40	0	0	0	40	0	0	40
Inspection	0	12	0	0	0	12	0	0	12
Miscellaneous	0	8	0	0	0	8	0	0	8
Contingency	0	50	0	0	0	50	0	0	50
<b>Total Outlay</b>	<b>\$0</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)		\$0	\$800	\$0	\$0	\$0	\$800	\$0	\$0	\$800
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$0</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	56.3	56.3	56.3	0.0	56.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$56.3</b>	<b>\$56.3</b>	<b>\$56.3</b>	<b>\$0.0</b>	<b>\$56.3</b>

**LOCATION:**  
Radio Station Road, La Plata MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2016**

*(\$ in thousands)*

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Intersection Analyses/Traffic Signal Warrant Analyses</b>	<b>Project #: 2204</b>
	<b>Goal: 2.2.a</b>
<p>Intersection Analyses - Collect and analyze current vehicular, bicycle, and pedestrian activity data at major County arterial intersections in order to aid the County in making decisions for potential intersection improvements and/or traffic signal alterations. This analysis should include, but is not limited to, certain intersections along Smallwood Drive, St. Charles Parkway, Rosewick Road, St. Patrick's Drive, Billingsley Road, and Middletown Road. Current available data is very limited and requires analysis of site specific locations to make informed decisions for potential improvements relating to traffic safety.</p> <p>Traffic Signal Warrant Analyses – Consulting services are needed to assist the Charles County Traffic Safety Committee (TSC) to determine the eligibility and need for the construction or enhancement of a traffic signal at an intersection of two or more County roads. It is estimated that approximately four warrant studies are needed per year.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$300</b>
<i>% change</i>	<i>new</i>
	<i>new</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '14-'18	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$40	\$40	\$80	\$80	\$80	\$320	\$0	\$0	\$320
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	5	5	10	10	10	40	0	0	40
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	5	5	10	10	10	40	0	0	40
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$50</b>	<b>\$50</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>	<b>\$400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '14-'18	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer	General Fund	50	50	100	100	100	400	0	0	400
Total County Funding		\$50	\$50	\$100	\$100	\$100	\$400	\$0	\$0	\$400
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$50</b>	<b>\$50</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>	<b>\$400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00		0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0		0.0
Operating	0.0	0.0	0.0	0.0	0.0		0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>		<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0		0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0		0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>		<b>\$0.0</b>

**LOCATION:**  
To be determined

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Western Parkway Road Improvements Phase 2</b>	<b>Project #:</b> 2013
	<b>Goal:</b> 2.2
<p>The construction of Western Parkway, Phase 2 from Acton Lane north to US 301 near the Charles County and Prince George's County line will provide for a completed north/south route that will facilitate local vehicular traffic within Waldorf, serving as an alternate to US 301. This project will also provide for the completion of missing links of the bicycle and pedestrian facilities within the Waldorf Urban Core area, particularly west of Crain Highway. Consistent with the Charles County Comprehensive Plan, Western Parkway will parallel US 301, resulting in a grid network street pattern. This additional north/south route will provide greater roadway connectivity and increased traffic circulation patterns, while ultimately relieving some traffic congestion on US 301/Crain Highway.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
Approved FY15-FY19 CIP	TOTAL
FY 2016    FY 2017    FY 2018    FY 2019	\$0
\$0            \$0            \$0            \$0	\$0
<b>Increase/(Decrease)</b>	<b>\$2,754</b>
% change	new
new            new            new            new	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '14-'18	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$318	\$0	\$318
Land & ROW	15	0	0	0	0	15	93	0	108
Construction	0	758	759	759	0	2,276	1,858	0	4,134
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	52	53	53	0	158	94	0	252
Inspection	0	20	21	21	0	62	141	0	203
Miscellaneous	0	5	5	5	0	15	279	0	294
Contingency	0	76	76	76	0	228	15	0	243
<b>Total Outlay</b>	<b>\$15</b>	<b>\$911</b>	<b>\$914</b>	<b>\$914</b>	<b>\$0</b>	<b>\$2,754</b>	<b>\$2,797</b>	<b>\$0</b>	<b>\$5,551</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '14-'18	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)		\$15	\$911	\$914	\$914	\$0	\$2,754	\$2,797	\$0	\$5,551
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$15</b>	<b>\$911</b>	<b>\$914</b>	<b>\$914</b>	<b>\$0</b>	<b>\$2,754</b>	<b>\$2,797</b>	<b>\$0</b>	<b>\$5,551</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$15</b>	<b>\$911</b>	<b>\$914</b>	<b>\$914</b>	<b>\$0</b>	<b>\$2,754</b>	<b>\$2,797</b>	<b>\$0</b>	<b>\$5,551</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	1.0	65.1	131.2	199.0	251.6	133.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$1.0</b>	<b>\$65.1</b>	<b>\$131.2</b>	<b>\$199.0</b>	<b>\$251.6</b>	<b>\$133.0</b>

**LOCATION:**  
Phases 2 from Acton Lane north to US 301 near the Charles County and Prince George's County line

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Western Parkway Road Improvements Phase 3</b>	<b>Project #: 2013</b>
	<b>Goal: 2.2</b>
<p>The construction of Western Parkway, Phase 3 from Pierce Road north to US 301 near the Charles County and Prince George's County line will provide for a completed north/south route that will facilitate local vehicular traffic within Waldorf, serving as an alternate to US 301. This project will also provide for the completion of missing links of the bicycle and pedestrian facilities within the Waldorf Urban Core area, particularly west of Crain Highway. Consistent with the Charles County Comprehensive Plan, Western Parkway will parallel US 301, resulting in a grid network street pattern. This additional north/south route will provide greater roadway connectivity and increased traffic circulation patterns, while ultimately relieving some traffic congestion on US 301/Crain Highway. The project scope also includes the replacement and relocation of 5,000 LF of existing AT&amp;T Washington –Richmond FT “B” fiber optic cable due to conflicts with the proposed storm drain pipe at stations 100+50 to station 106+50. AT&amp;T has prior rights in this area and therefore the County is responsible for 100% of the cost to relocate.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$847</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '14-'18	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$630	\$0	\$0	\$0	\$0	\$630	\$215	\$0	\$845
Land & ROW	185	0	0	0	0	185	2,152	0	2,337
Construction	0	0	0	0	0	0	5,657	2,280	7,937
Equipment	0	0	0	0	0	0	0	0	0
Administration	32	0	0	0	0	32	261	96	389
Inspection	0	0	0	0	0	0	325	60	385
Miscellaneous	0	0	0	0	0	0	232	10	242
Contingency	0	0	0	0	0	0	0	300	300
<b>Total Outlay</b>	<b>\$847</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$847</b>	<b>\$8,842</b>	<b>\$2,746</b>	<b>\$12,435</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '14-'18	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (20 year)		\$847	\$0	\$0	\$0	\$0	\$847	\$8,842	\$2,746	\$12,435
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$847</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$847</b>	<b>\$8,842</b>	<b>\$2,746</b>	<b>\$12,435</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$847</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$847</b>	<b>\$8,842</b>	<b>\$2,746</b>	<b>\$12,435</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	58.0	58.0	58.0	58.0	795.2	261.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$58.0</b>	<b>\$58.0</b>	<b>\$58.0</b>	<b>\$58.0</b>	<b>\$795.2</b>	<b>\$261.8</b>

**LOCATION:**  
Phase 3 from Pierce Road northward to US 301 near the Charles County and Prince George's County line

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Water User	50.0%	Requested By: DPW		
<b>Automation &amp; Technology Master Plan</b>	Water Connection		Project #: 6081		
	Sewer User	50.0%	Goal: 3		
	Sewer Connection				
	<p>This project request is the result of an extensive study in FY08 and FY09 by Westin Engineering to determine the Information Technology needs of the Utilities Division in order to bring it into the 21st century. The project will include emphasis on Supervisor, Control, and Data Acquisition (SCADA), regulatory compliance, data management, work management, and performance management, among other issues. The ultimate goal of this project is for the Department of Public Works - Utilities to accomplish its functions even in periods of growth without adding field staff and to make more efficient use of the resources currently available. Additional facility control, instrumentation, and communication improvements have been determined necessary through further evaluation and design of the SCADA system than originally scoped resulting in an overall project increase.</p>				
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$1,984	\$2,064	\$2,339	\$2,084	\$8,471
<b>Increase/(Decrease)</b>	<b>(\$1,799)</b>	<b>(\$125)</b>	<b>(\$321)</b>	<b>\$208</b>	<b>(\$2,037)</b>
% change	-90.7%	-6.1%	-13.7%	10.0%	-24.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$825	\$905	\$1,180	\$925	\$3,835	\$5,636	\$0	\$9,471
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	815	815	815	815	3,260	3,616	0	6,876
Equipment	0	125	125	125	125	500	1,521	0	2,021
Administration	35	47	46	46	46	220	268	0	488
Inspection	150	45	45	44	44	328	200	0	528
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	82	82	82	82	328	0	0	328
<b>Total Outlay</b>	<b>\$185</b>	<b>\$1,939</b>	<b>\$2,018</b>	<b>\$2,292</b>	<b>\$2,037</b>	<b>\$8,471</b>	<b>\$11,241</b>	<b>\$0</b>	<b>\$19,712</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (10 Year)	\$185	\$1,939	\$2,018	\$2,292	\$2,037	\$8,471	\$11,157	\$0	\$19,628
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$185</b>	<b>\$1,939</b>	<b>\$2,018</b>	<b>\$2,292</b>	<b>\$2,037</b>	<b>\$8,471</b>	<b>\$11,157</b>	<b>\$0</b>	<b>\$19,628</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	50	0	50
Other: WSSC	0	0	0	0	0	0	34	0	34
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$185</b>	<b>\$1,939</b>	<b>\$2,018</b>	<b>\$2,292</b>	<b>\$2,037</b>	<b>\$8,471</b>	<b>\$11,241</b>	<b>\$0</b>	<b>\$19,712</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	1,301.3	1,323.7	1,564.5	1,821.5	2,120.4	1,301.3	1,827.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$1,301.3</b>	<b>\$1,323.7</b>	<b>\$1,564.5</b>	<b>\$1,821.5</b>	<b>\$2,120.4</b>	<b>\$1,301.3</b>	<b>\$1,827.8</b>
<b>Increase to Water User Fee:</b>	<b>29.1¢</b>	<b>29.1¢</b>	<b>33.9¢</b>	<b>38.8¢</b>	<b>44.5¢</b>	<b>29.1¢</b>	<b>37.8¢</b>
<b>Increase to Sewer User Fee:</b>	<b>31.1¢</b>	<b>25.2¢</b>	<b>29.4¢</b>	<b>32.0¢</b>	<b>36.7¢</b>	<b>31.1¢</b>	<b>31.2¢</b>
<b>Combined Fee Increase:</b>	<b>60.2¢</b>	<b>54.3¢</b>	<b>63.2¢</b>	<b>70.8¢</b>	<b>81.2¢</b>	<b>60.2¢</b>	<b>69.0¢</b>

**LOCATION:**  
County-wide

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Customer Account Fee	100.0%	<b>Requested By:</b> DPW		
<b>Treasurer's Office Reconfiguration</b>			<b>Project #:</b> 6113		
			<b>Goal:</b> 2		
Project includes reconfiguration of the Treasurer's Office, as well as relocation of Water & Sewer Billing to the Treasurer's Office.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$134</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$134</b>
% change	new	n/a	n/a	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$10	\$0	\$0	\$0	\$0	\$10	\$0	\$0	\$10
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	40	0	0	0	0	40	0	0	40
Equipment	75	0	0	0	0	75	0	0	75
Administration	3	0	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	2	0	0	0	0	2	0	0	2
Contingency	4	0	0	0	0	4	0	0	4
<b>Total Outlay</b>	<b>\$134</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$134</b>	<b>\$0</b>	<b>\$0</b>	<b>\$134</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$134	\$0	\$0	\$0	\$0	\$134	\$0	\$0	\$134
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$134</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$134</b>	<b>\$0</b>	<b>\$0</b>	<b>\$134</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$134</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$134</b>	<b>\$0</b>	<b>\$0</b>	<b>\$134</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	11.8	11.8	11.8	11.8	0.0	11.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$11.8</b>	<b>\$11.8</b>	<b>\$11.8</b>	<b>\$11.8</b>	<b>\$0.0</b>	<b>\$11.8</b>

<b>Increase to Customer Account Fee:</b>	0.00¢	0.09¢	0.09¢	0.09¢	0.08¢	0.0¢	0.08¢
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**LOCATION:**

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Underground Infrastructure Repairs</b>	Water User 100%	Requested By: DPW				
	Water Connection 0%	Project #: 6105				
		Goal: 2				
<p>Excavate and replace corroded bonnet bolts on underground valves in Lexington, Wexford, and other areas of the County. The bolts are only 11 years old but have already begun to fail because stainless steel was not used in the original construction. Also need to excavate and replace corroded steel service saddles in Pinefield which are approaching 40 years of service life. These have begun to fail and repairing them only as breaks occur results in unscheduled outages, unplanned emergency repair work involving larger excavations, and more extensive restoration, all of which are far more costly.</p>						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>	
Approved FY15-FY19 CIP	\$553	\$553	\$553	\$553	\$2,212	The increase is for re-paving streets disturbed by multiple repairs in lieu of only paving the immediate areas of repair (patch paving).
<b>Increase/(Decrease)</b>	<b>\$165</b>	<b>\$165</b>	<b>\$165</b>	<b>\$165</b>	<b>\$660</b>	
<b>% change</b>	<b>29.8%</b>	<b>29.8%</b>	<b>29.8%</b>	<b>29.8%</b>	<b>29.8%</b>	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$315	\$315
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	650	650	650	650	650	3,250	500	3,150	6,900
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	3	3	3	15	3	332	350
Inspection	0	0	0	0	0	0	0	315	315
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	65	65	65	65	65	325	50	315	690
<b>Total Outlay</b>	<b>\$718</b>	<b>\$718</b>	<b>\$718</b>	<b>\$718</b>	<b>\$718</b>	<b>\$3,590</b>	<b>\$553</b>	<b>\$4,427</b>	<b>\$8,570</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$718	\$718	\$718	\$718	\$718	\$3,590	\$553	\$4,427	\$8,570
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$718</b>	<b>\$718</b>	<b>\$718</b>	<b>\$718</b>	<b>\$718</b>	<b>\$3,590</b>	<b>\$553</b>	<b>\$4,427</b>	<b>\$8,570</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$718</b>	<b>\$718</b>	<b>\$718</b>	<b>\$718</b>	<b>\$718</b>	<b>\$3,590</b>	<b>\$553</b>	<b>\$4,427</b>	<b>\$8,570</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	46.0	109.0	174.3	241.8	311.7	46.0	742.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$46.0</b>	<b>\$109.0</b>	<b>\$174.3</b>	<b>\$241.8</b>	<b>\$311.7</b>	<b>\$46.0</b>	<b>\$742.5</b>
<b>Increase to Water User Fee:</b>	<b>2.1¢</b>	<b>4.8¢</b>	<b>7.5¢</b>	<b>10.3¢</b>	<b>13.1¢</b>	<b>0.0¢</b>	<b>30.7¢</b>

**LOCATION:**  
Development District

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Water Model Update</b>	Water User 55%	Requested By: PGM			
	Water Connection 45%	Project #: 6090			
		Goal: 2			
<p>To update the current County Water Model by including newly installed water utilities and verifying the system stability and deficiencies. The County anticipates having to make changes to our traditional operations of our water system, due to concerns with water supply in certain geographic areas.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$76	\$76	\$76	\$76	\$304
<b>Increase/(Decrease)</b>	<b>\$22</b>	<b>\$22</b>	<b>\$22</b>	<b>\$22</b>	<b>\$88</b>
% change	28.9%	28.9%	28.9%	28.9%	28.9%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$27	\$27	\$27	\$27	\$27	\$135	\$247	\$27	\$409
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	68	68	68	68	68	340	56	68	464
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	3	3	3	3	3	15	30	3	48
<b>Total Outlay</b>	<b>\$98</b>	<b>\$98</b>	<b>\$98</b>	<b>\$98</b>	<b>\$98</b>	<b>\$490</b>	<b>\$332</b>	<b>\$98</b>	<b>\$920</b>

FINANCING SOURCES									
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	98	98	98	98	98	490	332	98	920
Total County Funding	\$98	\$98	\$98	\$98	\$98	\$490	\$332	\$98	\$920
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$98</b>	<b>\$98</b>	<b>\$98</b>	<b>\$98</b>	<b>\$98</b>	<b>\$490</b>	<b>\$332</b>	<b>\$98</b>	<b>\$920</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
 Increase to Water User Fee:	 0.6¢	 0.0¢	 0.0¢	 0.0¢	 0.0¢	 1.8¢	 0.0¢

<b>LOCATION:</b> County-wide
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# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Various County Water Studies</b>	<b>Water User</b> 0% <b>Water Connection</b> 100%	<b>Requested By:</b> PGM <b>Project #:</b> 6091 <b>Goal:</b> 2.3			
<p><b>Surface Water Treatment Plant Study (New)</b> - Consistent with the recommendations of the 2006 Water Resources Advisory Committee Report to the Charles County Commissioners, an evaluation of feasibility is needed to determine the infrastructure needs, potential natural environmental and socio-economic impacts, and cost implications of a surface water treatment facility in Charles County. The feasibility study will determine the cost versus benefit of a surface water treatment system and associated water distribution logistics over other currently used water sources. The Study will also take into account the potential for multiple users/multiple jurisdictions as a regional water supply.</p> <p><b>Aquifer Storage Recovery Feasibility Study (New)</b>- Consistent with the recommendations of the 2006 Water Resources Advisory Committee Report to the Charles County Commissioners, an evaluation is needed to determine the feasibility of implementing an Aquifer Storage Recovery System (ASR). The Study will include an evaluation of the infrastructure needs, potential natural environmental and socio-economic impacts, and cost implications of the ASR System. The Study will also evaluate the necessary Federal, State and Local regulatory obstacles and associated changes to permit an ASR system in Charles County.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$89	\$0	\$0	\$0	\$89
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>% change</b>	<b>0.0%</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.0%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$75	\$0	\$0	\$0	\$0	\$75	\$300	\$0	\$375
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	10	0	0	0	0	10	38	0	48
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	4	0	0	0	0	4	16	0	20
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$89</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$89</b>	<b>\$354</b>	<b>\$0</b>	<b>\$443</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	89	0	0	0	0	89	354	0	443
<b>Total County Funding</b>	<b>\$89</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$89</b>	<b>\$354</b>	<b>\$0</b>	<b>\$443</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$89</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$89</b>	<b>\$354</b>	<b>\$0</b>	<b>\$443</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
County-wide

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>South County Water Transmission Main</b>	Water User 50%	Requested By: DPW/PGM			
	Water Connection 50%	Project #: 6101			
		Goal: 2			
Interconnection of the Waldorf Water System with satellite water systems in the southern region of the County to continue to provide a healthy, sustainable water supply. This project will also help control rising costs associated with operating and maintaining multiple small satellite community water systems once the interconnection is completed.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0	\$565	\$0	\$8,240	\$8,805
<b>Increase/(Decrease)</b>	<b>\$7</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$4,172)</b>	<b>(\$4,165)</b>
% change	new	0.0%	n/a	-50.6%	-47.3%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$550	\$0	\$225	\$225	\$1,000	\$200	\$0	\$1,200
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	3,375	3,375	6,750	0	0	6,750
Equipment	0	0	0	0	0	0	0	0	0
Administration	7	15	0	15	15	52	10	0	62
Inspection	0	0	0	115	115	230	0	0	230
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	338	338	676	0	0	676
<b>Total Outlay</b>	<b>\$7</b>	<b>\$565</b>	<b>\$0</b>	<b>\$4,068</b>	<b>\$4,068</b>	<b>\$8,708</b>	<b>\$210</b>	<b>\$0</b>	<b>\$8,918</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$7	\$565	\$0	\$4,068	\$4,068	\$8,708	\$210	\$0	\$8,918
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$7	\$565	\$0	\$4,068	\$4,068	\$8,708	\$210	\$0	\$8,918
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$7</b>	<b>\$565</b>	<b>\$0</b>	<b>\$4,068</b>	<b>\$4,068</b>	<b>\$8,708</b>	<b>\$210</b>	<b>\$0</b>	<b>\$8,918</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	17.5	18.1	69.4	69.4	465.3	17.5	465.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$17.5</b>	<b>\$18.1</b>	<b>\$69.4</b>	<b>\$69.4</b>	<b>\$465.3</b>	<b>\$17.5</b>	<b>\$465.3</b>
<b>Increase to Water User Fee:</b>	<b>0.4¢</b>	<b>0.4¢</b>	<b>1.5¢</b>	<b>1.5¢</b>	<b>9.8¢</b>	<b>0.4¢</b>	<b>9.6¢</b>

**LOCATION:**  
Southern portion of the County

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Satellite Water Facility Upgrades</b>	Water User 100%	Requested By: DPW			
	Water Connection 0%	Project #: 6093			
		Goal: 2			
<p>To provide necessary upgrades to various satellite water facilities that include, but are not limited to the following: Install generator with automatic transfer switch for power distribution system reliability at the following sites: Swan Point, Bel Alton, Spring Valley, Beantown Woodley, Newtown Village, Mariellen, Ellenwood, St. Anne's, electrical/mechanical equipment replacement at Swan Pt. Wells #1 &amp; #2, Newtown Village, Jude House Reverse Osmosis system, coating replacement at Chapel Pt. Woods standpipe, Jude House Well Replacement, and installation of additional standpipe at Chapel Pt. Woods.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$1,021	\$701	\$681	\$681	\$3,082
<b>Increase/(Decrease)</b>	<b>(\$360)</b>	<b>(\$40)</b>	<b>(\$20)</b>	<b>(\$20)</b>	<b>(\$438)</b>
<b>% change</b>	<b>-35.2%</b>	<b>-5.6%</b>	<b>-2.9%</b>	<b>-2.9%</b>	<b>-14.2%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$75	\$75	\$75	\$75	\$75	\$375	\$425	\$75	\$875
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	475	475	475	475	475	2,375	2,320	475	5,170
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	15	15	75	57	15	147
Inspection	48	48	48	48	48	240	279	48	567
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	48	48	48	48	48	240	149	48	437
<b>Total Outlay</b>	<b>\$661</b>	<b>\$661</b>	<b>\$661</b>	<b>\$661</b>	<b>\$661</b>	<b>\$3,305</b>	<b>\$3,230</b>	<b>\$661</b>	<b>\$7,196</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$661	\$661	\$661	\$661	\$661	\$3,305	\$3,230	\$661	\$7,196
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$661	\$661	\$661	\$661	\$661	\$3,305	\$3,230	\$661	\$7,196
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$661</b>	<b>\$661</b>	<b>\$661</b>	<b>\$661</b>	<b>\$661</b>	<b>\$3,305</b>	<b>\$3,230</b>	<b>\$661</b>	<b>\$7,196</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	268.6	326.6	386.7	448.9	513.2	268.6	577.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$268.6</b>	<b>\$326.6</b>	<b>\$386.7</b>	<b>\$448.9</b>	<b>\$513.2</b>	<b>\$268.6</b>	<b>\$577.5</b>
<b>Increase to Water User Fee:</b>	<b>12.0¢</b>	<b>14.4¢</b>	<b>16.7¢</b>	<b>19.1¢</b>	<b>21.5¢</b>	<b>12.0¢</b>	<b>23.9¢</b>

**LOCATION:**  
Various locations, see description above

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Bensville Water Tower No. 8</b>	Water User Water Connection	0% 100%	Requested By: PGM Project #: 6107 Goal: 2		
<p>As described in the Charles County Water &amp; Sewer Engineering &amp; Operations Plan, a 2 million gallon water storage tower will be needed in the Bensville area in 2020. The project will provide funding for preliminary engineering, design, and construction of a 2 MGD water storage tower.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$1,930	\$1,930	\$1,930	\$0	\$5,790
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	0.0%	0.0%	0.0%	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0	\$500
Land & ROW	0	0	0	0	0	0	10	0	10
Construction	1,667	1,667	1,666	0	0	5,000	0	0	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	80	80	80	0	0	240	20	0	260
Inspection	40	40	40	0	0	120	0	0	120
Miscellaneous	10	10	10	0	0	30	5	0	35
Contingency	133	133	134	0	0	400	0	0	400
<b>Total Outlay</b>	<b>\$1,930</b>	<b>\$1,930</b>	<b>\$1,930</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,790</b>	<b>\$535</b>	<b>\$0</b>	<b>\$6,325</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)		\$1,930	\$1,930	\$1,930	\$0	\$0	\$5,790	\$535	\$0	\$6,325
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$1,930</b>	<b>\$1,930</b>	<b>\$1,930</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,790</b>	<b>\$535</b>	<b>\$0</b>	<b>\$6,325</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$1,930</b>	<b>\$1,930</b>	<b>\$1,930</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,790</b>	<b>\$535</b>	<b>\$0</b>	<b>\$6,325</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15		Beyond FY 2020	
						0.00	0.00	0.00	0.00
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	44.5	213.9	389.3	570.8	570.8	44.5	570.8	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$44.5</b>	<b>\$213.9</b>	<b>\$389.3</b>	<b>\$570.8</b>	<b>\$570.8</b>	<b>\$44.5</b>	<b>\$570.8</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
MD 224 at Bumpy Oak Road

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Chapel Point Water Tower (Relocated)</b>	Water User 100%	Requested By: PGM			
	Water Connection 0%	Project #: 6108			
		Goal: 2			
<p>The existing Waldorf Fire House 200,000 Gallon Water Tower has been unused for several years at its present location in Waldorf. The tower still has years of useable life with some rehab work but is not needed for the Waldorf system. Relocating the tank to the Chapel Point well site would provide consistent pressure and fire flow capacity protection to the community. The project involves construction of a new foundation, dismantling of the tower, the rehabilitation and installation the tower in its new location.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$442	\$442	\$0	\$0	\$884
<b>Increase/(Decrease)</b>	<b>\$8</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8</b>
% change	1.8%	0.0%	n/a	n/a	0.9%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$75
Land & ROW	8	0	0	0	0	8	0	0	8
Construction	375	375	0	0	0	750	0	0	750
Equipment	0	0	0	0	0	0	0	0	0
Administration	19	19	0	0	0	38	11	0	49
Inspection	10	10	0	0	0	20	0	0	20
Miscellaneous	0	0	0	0	0	0	5	0	5
Contingency	38	38	0	0	0	76	0	0	76
<b>Total Outlay</b>	<b>\$450</b>	<b>\$442</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$892</b>	<b>\$91</b>	<b>\$0</b>	<b>\$983</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$450	\$442	\$0	\$0	\$0	\$892	\$91	\$0	\$983
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$450</b>	<b>\$442</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$892</b>	<b>\$91</b>	<b>\$0</b>	<b>\$983</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$450</b>	<b>\$442</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$892</b>	<b>\$91</b>	<b>\$0</b>	<b>\$983</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	7.6	47.1	87.2	87.2	87.2	7.6	87.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$7.6</b>	<b>\$47.1</b>	<b>\$87.2</b>	<b>\$87.2</b>	<b>\$87.2</b>	<b>\$7.6</b>	<b>\$87.2</b>
<b>Increase to Water User Fee:</b>	<b>0.3¢</b>	<b>2.1¢</b>	<b>3.8¢</b>	<b>3.7¢</b>	<b>3.7¢</b>	<b>0.3¢</b>	<b>3.6¢</b>

<b>LOCATION:</b> Chapel Point Road
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## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Pinefield Water Tower Rehabilitation</b>	Water User 100%	Requested By: <b>PGM</b>			
	Water Connection 0%	Project #:			
		<b>Goal: 2</b>			
<p>The 1 MG Pinefield Water Tower is in need of rehabilitation. This project will include a preliminary assessment inspection and report, evaluation, recoating, and miscellaneous repairs.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0	\$90	\$568	\$568	\$1,226
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>% change</b>	n/a	0.0%	0.0%	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$70	\$0	\$0	\$0	\$70	\$0	\$0	\$70
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	453	453	0	906	0	0	906
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	10	39	39	0	88	0	0	88
Inspection	0	0	30	30	0	60	0	0	60
Miscellaneous	0	10	0	0	0	10	0	0	10
Contingency	0	0	46	46	0	92	0	0	92
<b>Total Outlay</b>	<b>\$0</b>	<b>\$90</b>	<b>\$568</b>	<b>\$568</b>	<b>\$0</b>	<b>\$1,226</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,226</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$0	\$90	\$568	\$568	\$0	\$1,226	\$0	\$0	\$1,226
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$90</b>	<b>\$568</b>	<b>\$568</b>	<b>\$0</b>	<b>\$1,226</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,226</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$90</b>	<b>\$568</b>	<b>\$568</b>	<b>\$0</b>	<b>\$1,226</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,226</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	8.2	61.6	116.9	0.0	116.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8.2</b>	<b>\$61.6</b>	<b>\$116.9</b>	<b>\$0.0</b>	<b>\$116.9</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.4¢</b>	<b>2.6¢</b>	<b>4.9¢</b>	<b>0.0¢</b>	<b>4.8¢</b>

**LOCATION:**  
Pinefield, Charles County

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Gleneagles 2MG Water Tower</b>	Water User Water Connection	0% 100%	Requested By: PGM Project #: 6109 Goal: 2		
Additional fire storage volume and another tank is needed to equalize pressure in the water distribution system along Rosewick Road. Residents are experiencing low water pressure. This project is for the acquisition of a tower site, design, and construction based on a study performed in 2010.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$1,850	\$1,850	\$1,849	\$0	\$5,549
<b>Increase/(Decrease)</b>	<b>(\$1,850)</b>	<b>(\$1,850)</b>	<b>\$1</b>	<b>\$1,850</b>	<b>(\$1,849)</b>
% change	-100.0%	-100.0%	0.1%	new	-33.3%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0	\$500
Land & ROW	0	0	0	0	0	0	150	0	150
Construction	0	0	1,667	1,667	1,666	5,000	0	0	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	63	63	63	189	53	0	242
Inspection	0	0	30	30	30	90	0	0	90
Miscellaneous	0	0	0	0	0	0	10	0	10
Contingency	0	0	90	90	90	270	0	0	270
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,850</b>	<b>\$1,850</b>	<b>\$1,849</b>	<b>\$5,549</b>	<b>\$713</b>	<b>\$0</b>	<b>\$6,262</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)		\$0	\$0	\$1,850	\$1,850	\$1,849	\$5,549	\$713	\$0	\$6,262
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$0</b>	<b>\$0</b>	<b>\$1,850</b>	<b>\$1,850</b>	<b>\$1,849</b>	<b>\$5,549</b>	<b>\$713</b>	<b>\$0</b>	<b>\$6,262</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$0</b>	<b>\$1,850</b>	<b>\$1,850</b>	<b>\$1,849</b>	<b>\$5,549</b>	<b>\$713</b>	<b>\$0</b>	<b>\$6,262</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	59.3	59.3	59.3	233.3	413.4	59.3	413.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$59.3</b>	<b>\$59.3</b>	<b>\$59.3</b>	<b>\$233.3</b>	<b>\$413.4</b>	<b>\$59.3</b>	<b>\$413.4</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
St. Charles, Rosewick Road (proposed location)

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Water User	10%	Requested By:	PGM	
<b>Waldorf Fire House Water Tower Replacement</b>	Water Connection	90%	Project #:	6110	
<b>Goal: 2</b>					
<p>The existing Waldorf Fire House Water Tower is being proposed for rehabilitation and relocation to Chapel Point. The water system in its current location needs additional fire storage volume and another tank to equalize pressure in the system. This project is for the design and construction based of a new 2MG water tower based on a study performed in 2010.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$1,850	\$1,850	\$1,849	\$0	\$5,549
<b>Increase/(Decrease)</b>	<b>\$107</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$107</b>
% change	5.8%	0.0%	0.0%	n/a	1.9%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0	\$500
Land & ROW	100	0	0	0	0	100	150	0	250
Construction	1,667	1,667	1,666	0	0	5,000	0	0	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	70	63	63	0	0	196	53	0	249
Inspection	30	30	30	0	0	90	0	0	90
Miscellaneous	0	0	0	0	0	0	10	0	10
Contingency	90	90	90	0	0	270	0	0	270
<b>Total Outlay</b>	<b>\$1,957</b>	<b>\$1,850</b>	<b>\$1,849</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,656</b>	<b>\$713</b>	<b>\$0</b>	<b>\$6,369</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)		\$1,957	\$1,850	\$1,849	\$0	\$0	\$5,656	\$713	\$0	\$6,369
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$1,957</b>	<b>\$1,850</b>	<b>\$1,849</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,656</b>	<b>\$713</b>	<b>\$0</b>	<b>\$6,369</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$1,957</b>	<b>\$1,850</b>	<b>\$1,849</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,656</b>	<b>\$713</b>	<b>\$0</b>	<b>\$6,369</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	59.3	231.0	399.2	573.1	573.1	59.3	573.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$59.3</b>	<b>\$231.0</b>	<b>\$399.2</b>	<b>\$573.1</b>	<b>\$573.1</b>	<b>\$59.3</b>	<b>\$573.1</b>
<b>Increase to Water User Fee:</b>	<b>0.3¢</b>	<b>1.0¢</b>	<b>1.7¢</b>	<b>2.4¢</b>	<b>2.4¢</b>	<b>0.3¢</b>	<b>2.4¢</b>

<b>LOCATION:</b>
Waldorf, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>White Plains 2MG Water Tower</b>	Water User Water Connection	0% 100%	Requested By: PGM Project #: Goal: 2		
Development is underway in White Plains. The system needs additional fire storage volume and another tank to equalize pressure in the system. Property needs acquired. This is for the design and construction based on a study performed in 2010.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$713	\$1,850	\$1,850	\$4,413
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>(\$713)</b>	<b>(\$1,850)</b>	<b>(\$1,137)</b>	<b>(\$3,700)</b>
% change	n/a	-100.0%	-100.0%	-61.5%	-83.8%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$500	\$0	\$500	\$0	\$0	\$500
Land & ROW	0	0	0	150	0	150	0	0	150
Construction	0	0	0	0	1,667	1,667	0	3,333	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	53	63	116	0	126	242
Inspection	0	0	0	0	30	30	0	60	90
Miscellaneous	0	0	0	10	0	10	0	0	10
Contingency	0	0	0	0	90	90	0	180	270
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$713</b>	<b>\$1,850</b>	<b>\$2,563</b>	<b>\$0</b>	<b>\$3,699</b>	<b>\$6,262</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$713	\$1,850	\$2,563	\$0	\$3,699	\$6,262
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$713</b>	<b>\$1,850</b>	<b>\$2,563</b>	<b>\$0</b>	<b>\$3,699</b>	<b>\$6,262</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$713</b>	<b>\$1,850</b>	<b>\$2,563</b>	<b>\$0</b>	<b>\$3,699</b>	<b>\$6,262</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	69.4	0.0	429.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$69.4</b>	<b>\$0.0</b>	<b>\$429.4</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
White Plains, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Settle Woods Water Tower Rehabilitation</b>	Water User 100%	Requested By: PGM			
	Water Connection 0%	Project #: 2			
<b>Goal: 2</b>					
The 500K-Gallon Settle Woods Water Tower is in need of rehabilitation to include a preliminary assessment inspection and report, evaluation, recoating, and miscellaneous repairs.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$67	\$309	\$309	\$685
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	n/a	0.0%	0.0%	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$50	\$0	\$0	\$0	\$50	\$0	\$0	\$50
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	250	250	0	500	0	0	500
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	7	22	22	0	51	0	0	51
Inspection	0	0	12	12	0	24	0	0	24
Miscellaneous	0	10	0	0	0	10	0	0	10
Contingency	0	0	25	25	0	50	0	0	50
<b>Total Outlay</b>	<b>\$0</b>	<b>\$67</b>	<b>\$309</b>	<b>\$309</b>	<b>\$0</b>	<b>\$685</b>	<b>\$0</b>	<b>\$0</b>	<b>\$685</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)		\$0	\$67	\$309	\$309	\$0	\$685	\$0	\$0	\$685
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$0</b>	<b>\$67</b>	<b>\$309</b>	<b>\$309</b>	<b>\$0</b>	<b>\$685</b>	<b>\$0</b>	<b>\$0</b>	<b>\$685</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$67</b>	<b>\$309</b>	<b>\$309</b>	<b>\$0</b>	<b>\$685</b>	<b>\$0</b>	<b>\$0</b>	<b>\$685</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	6.1	35.2	65.2	0.0	65.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$6.1</b>	<b>\$35.2</b>	<b>\$65.2</b>	<b>\$0.0</b>	<b>\$65.2</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.3¢</b>	<b>1.5¢</b>	<b>2.7¢</b>	<b>0.0¢</b>	<b>2.7¢</b>

**LOCATION:**  
Settle Woods, Waldorf, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> Cliffton Replacement Well	Water User 100%	Requested By: DPW
	Water Connection 0%	Project #: 6078
		Goal: 2

Gross alpha levels at Cliffton Well #2 necessitate the drilling of a new well.

**VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL	
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0	Additional upgrades to the existing electrical and mechanical systems are needed that were not anticipated when originally budgeted.
<b>Increase/(Decrease)</b>	<b>\$763</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$763</b>	
% change	new	n/a	n/a	n/a	new	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$85	\$0	\$0	\$0	\$0	\$85	\$57	\$0	\$142
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	525	0	0	0	0	525	481	0	1,006
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	0	0	0	0	15	2	0	17
Inspection	85	0	0	0	0	85	0	0	85
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	53	0	0	0	0	53	0	0	53
<b>Total Outlay</b>	<b>\$763</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$763</b>	<b>\$540</b>	<b>\$0</b>	<b>\$1,303</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$763	\$0	\$0	\$0	\$0	\$763	\$540	\$0	\$1,303
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$763	\$0	\$0	\$0	\$0	\$763	\$540	\$0	\$1,303
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$763</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$763</b>	<b>\$540</b>	<b>\$0</b>	<b>\$1,303</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	44.9	111.9	111.9	111.9	111.9	44.9	111.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$44.9</b>	<b>\$111.9</b>	<b>\$111.9</b>	<b>\$111.9</b>	<b>\$111.9</b>	<b>\$44.9</b>	<b>\$111.9</b>
<b>Increase to Water User Fee:</b>	<b>2.0¢</b>	<b>4.9¢</b>	<b>4.8¢</b>	<b>4.8¢</b>	<b>4.7¢</b>	<b>2.0¢</b>	<b>4.6¢</b>

**LOCATION:**  
Cliffton Well

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Bryans Road 2MG Water Tower</b>	Water User Water Connection	0% 100%	Requested By: PGM Project #: Goal: 2		
<p>The existing Bryan's Road Water System has only the existing Fire House Water Storage Tank. Redundancy to the system and fire storage volume for the airport/ tech park is needed. This is for the design and construction including coordination with FAA for approval.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350</b>	<b>\$1,223</b>	<b>\$1,573</b>
% change	n/a	n/a	new	new	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$300	\$0	\$0	\$300	\$0	\$0	\$300
Land & ROW	0	0	7	0	0	7	0	0	7
Construction	0	0	0	1,000	1,000	2,000	0	1,000	3,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	28	80	80	188	0	80	268
Inspection	0	0	0	33	33	66	0	33	99
Miscellaneous	0	0	0	10	10	20	0	10	30
Contingency	0	0	15	100	100	215	0	100	315
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350</b>	<b>\$1,223</b>	<b>\$1,223</b>	<b>\$2,796</b>	<b>\$0</b>	<b>\$1,223</b>	<b>\$4,019</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$0	\$0	\$350	\$1,223	\$1,223	\$2,796	\$0	\$1,223	\$4,019
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350</b>	<b>\$1,223</b>	<b>\$1,223</b>	<b>\$2,796</b>	<b>\$0</b>	<b>\$1,223</b>	<b>\$4,019</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350</b>	<b>\$1,223</b>	<b>\$1,223</b>	<b>\$2,796</b>	<b>\$0</b>	<b>\$1,223</b>	<b>\$4,019</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	32.9	152.0	0.0	271.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$32.9</b>	<b>\$152.0</b>	<b>\$0.0</b>	<b>\$271.0</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
Md. Route 224 at Bumpy Oak Road

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Bensville Road Water Line Extension</b>	Water User Water Connection	0% 100%	Requested By: PGM Project #: Goal: 2		
Design and construct approximately 6,800 linear feet extension of existing 16" waterline along Bensville Road from Elsa Avenue to Robey Manor Drive. This will initiate the development of a future interconnection of the Bryans Road and Waldorf water systems. This line will also provide public water service to Robey Manor if needed.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$403</b>	<b>\$403</b>
% change	n/a	n/a	n/a	new	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$136	\$0	\$136	\$0	\$0	\$136
Land & ROW	0	0	0	204	0	204	0	0	204
Construction	0	0	0	0	1,360	1,360	0	0	1,360
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	31	107	138	0	0	138
Inspection	0	0	0	0	41	41	0	0	41
Miscellaneous	0	0	0	15	5	20	0	0	20
Contingency	0	0	0	17	136	153	0	0	153
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$403</b>	<b>\$1,649</b>	<b>\$2,052</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,052</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$403	\$1,649	\$2,052	\$0	\$0	\$2,052
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$403	\$1,649	\$2,052	\$0	\$0	\$2,052
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$403</b>	<b>\$1,649</b>	<b>\$2,052</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,052</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	39.2	0.0	39.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$39.2</b>	<b>\$0.0</b>	<b>\$39.2</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
Bensville Road

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Water User 50%	Requested By: PGM			
<b>Bensville/Bryans Road Water Systems Interconnection Study</b>	Water Connection 50%	Project #: Goal: 2			
<p>Conduct a study to determine the feasibility of extending the existing 16" water line from Bensville Road via the Indian Rail Trail and Livingston Rd to interconnect with the Bryans Rd Water System. The link between the Bryans Road and Waldorf water systems has been a long term goal to ease the burden on the aquifers in the western part of Charles County. The primary objective of this study will be to explore this and alternative routes for the water line.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$0</b>	<b>\$100</b>
% change	n/a	n/a	new	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$83	\$0	\$0	\$83	\$0	\$0	\$83
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	11	0	0	11	0	0	11
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	6	0	0	6	0	0	6
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	100	0	0	100	0	0	100
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>2.2¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
Billingsley Road

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Hughesville Water Line</b>	Water User Water Connection	0% 100%	Requested By: PGM Project #: 6114 Goal: 2		
Design and construct 9,000 linear feet of water line in Hughesville to serve the village core.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$507</b>	<b>\$2,195</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,702</b>
% change	new	new	n/a	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$180	\$0	\$0	\$0	\$0	\$180	\$0	\$0	\$180
Land & ROW	270	0	0	0	0	270	0	0	270
Construction	0	1,800	0	0	0	1,800	0	0	1,800
Equipment	0	0	0	0	0	0	0	0	0
Administration	19	140	0	0	0	159	0	0	159
Inspection	0	70	0	0	0	70	0	0	70
Miscellaneous	15	5	0	0	0	20	0	0	20
Contingency	23	180	0	0	0	203	0	0	203
<b>Total Outlay</b>	<b>\$507</b>	<b>\$2,195</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,702</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,702</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$507	\$2,195	\$0	\$0	\$0	\$2,702	\$0	\$0	\$2,702
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$507	\$2,195	\$0	\$0	\$0	\$2,702	\$0	\$0	\$2,702
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$507</b>	<b>\$2,195</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,702</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,702</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	44.5	244.0	244.0	244.0	0.0	244.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$44.5</b>	<b>\$244.0</b>	<b>\$244.0</b>	<b>\$244.0</b>	<b>\$0.0</b>	<b>\$244.0</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
Leonardtown Road, Hughesville

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Water User 0%	Requested By: PGM			
<b>Private Water System Interconnection Program</b>	Water Other 100%	Project #: 6115			
		Goal: 2			
<p>As part of the County's initiative to interconnect failing community water systems, funding is needed to offset the design and construction costs of water infrastructure replacements necessary to meet required County Standards. This project is supported by the County's Water Resource Advisory Committee recommendations to assist failing private water systems with infrastructure replacements that are currently cost prohibitive.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$307</b>	<b>\$129</b>	<b>\$129</b>	<b>\$129</b>	<b>\$694</b>
% change	<i>new</i>	<i>new</i>	<i>new</i>	<i>new</i>	<i>new</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$50	\$25	\$25	\$25	\$25	\$150	\$0	\$0	\$150
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	200	75	75	75	75	500	0	0	500
Equipment	0	0	0	0	0	0	0	0	0
Administration	22	12	12	12	12	70	0	0	70
Inspection	10	4	4	4	4	26	0	0	26
Miscellaneous	5	5	5	5	5	25	0	0	25
Contingency	20	8	8	8	8	52	0	0	52
<b>Total Outlay</b>	<b>\$307</b>	<b>\$129</b>	<b>\$129</b>	<b>\$129</b>	<b>\$129</b>	<b>\$823</b>	<b>\$0</b>	<b>\$0</b>	<b>\$823</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)		\$107	\$0	\$0	\$0	\$0	\$107	\$0	\$0	\$107
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$107</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$107</b>	<b>\$0</b>	<b>\$0</b>	<b>\$107</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: Property Owners		200	129	129	129	129	716	0	0	716
<b>Total Funding</b>		<b>\$307</b>	<b>\$129</b>	<b>\$129</b>	<b>\$129</b>	<b>\$129</b>	<b>\$823</b>	<b>\$0</b>	<b>\$0</b>	<b>\$823</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	9.4	9.4	9.4	9.4	0.0	9.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$9.4</b>	<b>\$9.4</b>	<b>\$9.4</b>	<b>\$9.4</b>	<b>\$0.0</b>	<b>\$9.4</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Influent/Effluent Pump Station</b>	Sewer User Sewer Connection	55% 45%	Requested By: <b>PGM</b> Project #: <b>7063</b>	Goal: <b>2</b>	
<p>A thorough evaluation of Mattawoman WWTP Influent/Effluent pump stations, &amp; the Influent Wet Well is necessary to upgrade, overhaul &amp; replace outdated, inadequate, and/or unsafe/inefficient processes. Problems with the main pumping station include hydraulic, control, capacity, &amp; safety. The pumps are aging and obtaining parts has become a serious problem, so it is time to replace them, as well as the isolation and control valves. The location of the wet wells makes access for cleaning extremely difficult, time-consuming, and expensive. This study will present alternatives that will provide better access for cleaning/inspection, for providing code required ventilation, and possibly a self-cleaning configuration. Project will provide recommendations, prepare design documents, and implement the repairs or replacement. Project also includes replacement of barscreen #1. Existing funding is needed for immediate repairs/replacements of existing equipment.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$5,190	\$0	\$0	\$0	\$5,190
<b>Increase/(Decrease)</b>	<b>(\$5,190)</b>	<b>\$2,547</b>	<b>\$2,643</b>	<b>\$0</b>	<b>\$0</b>
% change	-100.0%	new	new	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$88	\$87	\$0	\$0	\$175	\$1,094	\$0	\$1,269
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	2,050	2,050	0	0	4,100	8,453	0	12,553
Equipment	0	0	0	0	0	0	960	0	960
Administration	0	113	112	0	0	225	417	0	642
Inspection	0	53	52	0	0	105	325	0	430
Miscellaneous	0	33	32	0	0	65	92	0	157
Contingency	0	210	310	0	0	520	736	0	1,256
<b>Total Outlay</b>	<b>\$0</b>	<b>\$2,547</b>	<b>\$2,643</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,190</b>	<b>\$12,077</b>	<b>\$0</b>	<b>\$17,267</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
Bonds (30 Year)	\$0	\$2,165	\$2,247	\$0	\$0	\$4,412	\$9,312	\$0	\$13,724
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$2,165</b>	<b>\$2,247</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,412</b>	<b>\$9,312</b>	<b>\$0</b>	<b>\$13,724</b>
Federal	0	0	0	0	0	0	728	0	728
State	0	0	0	0	0	0	383	0	383
Other: WSSC @ 15%	0	382	396	0	0	778	1,654	0	2,432
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$2,547</b>	<b>\$2,643</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,190</b>	<b>\$12,077</b>	<b>\$0</b>	<b>\$17,267</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond thru FY15 FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	532.0	532.0	675.2	832.4	832.4	532.0	832.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$532.0</b>	<b>\$532.0</b>	<b>\$675.2</b>	<b>\$832.4</b>	<b>\$832.4</b>	<b>\$532.0</b>	<b>\$832.4</b>
<b>Increase to Sewer User Fee:</b>	<b>14.0¢</b>	<b>11.1¢</b>	<b>13.9¢</b>	<b>16.1¢</b>	<b>15.9¢</b>	<b>14.0¢</b>	<b>15.6¢</b>

**LOCATION:**  
Mattawoman WWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Electrical System Replacement</b>	Sewer User 55%	Requested By: DPW			
	Sewer Connection 45%	Project #: 7078			
<b>Goal: 2</b>					
Design and construct the replacement needs of the existing electrical system and implement the required upgrades to include but not limited to wiring, control panels, relays, backup power, and other affiliated equipment. The existing electrical system is beyond its life expectancy (over 30 years) and a phased plan needs to be developed to replace this equipment in a programmed manner.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
FY 2016	FY 2017	FY 2018	FY 2019	TOTAL	<i>Completed a preliminary engineering report outlines extensive improvements. The latest cost estimate has a total project cost of approximately \$9.5M.</i>
Approved FY15-FY19 CIP	\$2,145	\$2,070	\$0	\$0	
<b>Increase/(Decrease)</b>	<b>(\$2,145)</b>	<b>\$2,008</b>	<b>\$4,078</b>	<b>\$0</b>	
% change	-100.0%	97.0%	new	n/a	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$165	\$165	\$0	\$0	\$330	\$801	\$0	\$1,131
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	3,375	3,375	0	0	6,750	550	0	7,300
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	35	35	0	0	70	60	0	130
Inspection	0	165	165	0	0	330	45	0	375
Miscellaneous	0	0	0	0	0	0	15	0	15
Contingency	0	338	338	0	0	676	17	0	693
<b>Total Outlay</b>	<b>\$0</b>	<b>\$4,078</b>	<b>\$4,078</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,156</b>	<b>\$1,488</b>	<b>\$0</b>	<b>\$9,644</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
Bonds (15 Year)		\$0	\$3,466	\$3,466	\$0	\$0	\$6,932	\$1,265	\$0	\$8,197
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
Total County Funding		\$0	\$3,466	\$3,466	\$0	\$0	\$6,932	\$1,265	\$0	\$8,197
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	612	612	0	0	1,224	223	0	1,447
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$4,078</b>	<b>\$4,078</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,156</b>	<b>\$1,488</b>	<b>\$0</b>	<b>\$9,644</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>						
Debt Service: Bonds	105.2	105.2	420.2	746.3	746.3	105.2	746.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$105.2</b>	<b>\$105.2</b>	<b>\$420.2</b>	<b>\$746.3</b>	<b>\$746.3</b>	<b>\$105.2</b>	<b>\$746.3</b>
<b>Increase to Sewer User Fee:</b>	<b>2.8¢</b>	<b>2.2¢</b>	<b>8.7¢</b>	<b>14.4¢</b>	<b>14.2¢</b>	<b>2.8¢</b>	<b>14.0¢</b>

**LOCATION:**  
Mattawoman WWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Flow Equalization</b>	Sewer User 55%	Requested By: DPW				
	Sewer Connection 45%	Project #: 7095				
<b>Goal: 2</b>						
Feasibility, evaluation, and design of flow equalization/storage system at MWWTP to buffer peak flows and prevent sanitary sewer overflows and unauthorized discharges.						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>	<i>This project addresses four areas of the plant. Through discussion with O&amp;M staff, the tank is the highest priority and was therefore moved ahead of the other recommended improvements.</i>
Approved FY15-FY19 CIP	\$4,081	\$5,850	\$8,600	\$8,600	\$27,131	
<b>Increase/(Decrease)</b>	<b>(\$68)</b>	<b>\$2,528</b>	<b>(\$2,272)</b>	<b>(\$5,492)</b>	<b>(\$5,304)</b>	
% change	-1.7%	43.2%	-26.4%	-63.9%	-19.5%	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$165	\$675	\$325	\$125	\$125	\$1,415	\$600	\$0	\$2,015
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	3,325	6,675	5,175	2,575	2,575	20,325	475	0	20,800
Equipment	0	0	0	0	0	0	0	0	0
Administration	25	35	35	25	25	145	44	0	189
Inspection	165	325	275	125	125	1,015	48	0	1,063
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	333	668	518	258	258	2,035	48	0	2,083
<b>Total Outlay</b>	<b>\$4,013</b>	<b>\$8,378</b>	<b>\$6,328</b>	<b>\$3,108</b>	<b>\$3,108</b>	<b>\$24,935</b>	<b>\$1,215</b>	<b>\$0</b>	<b>\$26,150</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)		\$3,411	\$7,121	\$5,379	\$2,642	\$2,642	\$21,195	\$1,033	\$0	\$22,228
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$3,411</b>	<b>\$7,121</b>	<b>\$5,379</b>	<b>\$2,642</b>	<b>\$2,642</b>	<b>\$21,195</b>	<b>\$1,033</b>	<b>\$0</b>	<b>\$22,228</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		602	1,257	949	466	466	3,740	182	0	3,922
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$4,013</b>	<b>\$8,378</b>	<b>\$6,328</b>	<b>\$3,108</b>	<b>\$3,108</b>	<b>\$24,935</b>	<b>\$1,215</b>	<b>\$0</b>	<b>\$26,150</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	59.0	272.1	743.3	1,119.6	1,314.6	59.0	1,314.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$59.0</b>	<b>\$272.1</b>	<b>\$743.3</b>	<b>\$1,119.6</b>	<b>\$1,314.6</b>	<b>\$59.0</b>	<b>\$1,314.6</b>
<b>Increase to Sewer User Fee:</b>	<b>1.6¢</b>	<b>5.7¢</b>	<b>15.3¢</b>	<b>21.6¢</b>	<b>25.0¢</b>	<b>1.6¢</b>	<b>24.7¢</b>

**LOCATION:**  
Mattawoman WWTP

**APPROVED CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2016**

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Mattawoman Infiltration and Inflow</b>	<b>Sewer User</b> 55%	<b>Requested By:</b> PGM			
	<b>Sewer Connection</b> 45%	<b>Project #:</b> 7074			
		<b>Goal:</b> 2			
<p>The Mattawoman WWTP service area has high Inflow and Infiltration (I/I) during storm events entering the sanitary sewer causing sanitary sewer overflows (SSOs) where system capacity is not sufficient. SSOs range from backups into basements to overflows from the sewer manholes. In addition to being a public health risk, it is also a regulatory issue. This project will provide information on the condition of the Mattawoman sewer system, identify areas where I/I already exists or a high I/I potential exists, and design/construct repairs for I/I removal. This project will also investigate feasibility of providing in-line storage for flow equalization; identify locations for design and construction projects to implement the in-line flow equalization and acquisition of right of way needed to implement the projects. The repairs proposed will address the sewer basins with the highest I/I severity (Tier 1) resulting in the greatest amount of I/I removal for the lowest cost. This project will be on-going multi-year endeavor.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$2,957	\$2,957	\$3,275	\$3,275	\$12,464
<b>Increase/(Decrease)</b>	<b>(\$2,957)</b>	<b>\$2,957</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>% change</b>	<b>-100.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$800	\$600	\$600	\$600	\$2,600	\$3,504	\$600	\$6,704
Land & ROW	0	100	50	50	50	250	50	50	350
Construction	0	4,600	2,400	2,400	2,400	11,800	5,370	2,400	19,570
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	276	153	153	153	735	349	153	1,237
Inspection	0	138	72	72	72	354	342	72	768
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$5,914</b>	<b>\$3,275</b>	<b>\$3,275</b>	<b>\$3,275</b>	<b>\$15,739</b>	<b>\$9,615</b>	<b>\$3,275</b>	<b>\$28,629</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$0	\$3,687	\$2,042	\$2,042	\$2,042	\$9,813	\$6,136	\$2,042	\$17,991
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$3,687	\$2,042	\$2,042	\$2,042	\$9,813	\$6,136	\$2,042	\$17,991
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 37.65%	0	2,227	1,233	1,233	1,233	5,926	3,479	1,233	10,638
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$5,914</b>	<b>\$3,275</b>	<b>\$3,275</b>	<b>\$3,275</b>	<b>\$15,739</b>	<b>\$9,615</b>	<b>\$3,275</b>	<b>\$28,629</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>						
Debt Service: Bonds	350.5	350.5	594.5	737.3	888.1	350.5	1,038.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$350.5</b>	<b>\$350.5</b>	<b>\$594.5</b>	<b>\$737.3</b>	<b>\$888.1</b>	<b>\$350.5</b>	<b>\$1,038.8</b>
<b>Increase to Sewer User Fee:</b>	<b>9.2¢</b>	<b>7.3¢</b>	<b>12.3¢</b>	<b>14.2¢</b>	<b>16.9¢</b>	<b>9.2¢</b>	<b>19.5¢</b>

**LOCATION:**  
Mattawoman Sewer Service Area

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Mattawoman WWTP Automation</b>	Sewer User 55%	Requested By: DPW				
	Sewer Connection 45%	Project #: 7083				
<b>Goal: 3</b>						
Automation of the Mattawoman WWTP facility to improve the efficiency of operations and maintenance, thereby minimizing resources and resulting in cost avoidance. Design standards will be determined for the project and implemented on the remaining processes to monitor the system via plant SCADA system and ensure system stays in compliance.						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>	
Approved FY15-FY19 CIP	\$1,130	\$1,130	\$0	\$0	\$2,260	<i>Completed a preliminary engineering report that outlines improvements with construction costs that are higher than originally budgeted.</i>
<b>Increase/(Decrease)</b>	<b>(\$1,130)</b>	<b>\$990</b>	<b>\$1,020</b>	<b>\$0</b>	<b>\$880</b>	
<b>% change</b>	<b>-100.0%</b>	<b>87.6%</b>	<b>new</b>	<b>n/a</b>	<b>38.9%</b>	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$85	\$35	\$0	\$0	\$120	\$725	\$0	\$845
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	1,750	750	0	0	2,500	975	0	3,475
Equipment	0	0	0	0	0	0	1,214	0	1,214
Administration	0	25	25	0	0	50	75	0	125
Inspection	0	85	35	0	0	120	85	0	205
Miscellaneous	0	0	0	0	0	0	1	0	1
Contingency	0	175	175	0	0	350	46	0	396
<b>Total Outlay</b>	<b>\$0</b>	<b>\$2,120</b>	<b>\$1,020</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,140</b>	<b>\$3,121</b>	<b>\$0</b>	<b>\$6,261</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
Bonds (15 Year)		\$0	\$1,802	\$867	\$0	\$0	\$2,669	\$2,653	\$0	\$5,322
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$0</b>	<b>\$1,802</b>	<b>\$867</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,669</b>	<b>\$2,653</b>	<b>\$0</b>	<b>\$5,322</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	318	153	0	0	471	468	0	939
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$2,120</b>	<b>\$1,020</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,140</b>	<b>\$3,121</b>	<b>\$0</b>	<b>\$6,261</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>						
Debt Service: Bonds	220.6	220.6	384.4	466.0	466.0	220.6	466.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$220.6</b>	<b>\$220.6</b>	<b>\$384.4</b>	<b>\$466.0</b>	<b>\$466.0</b>	<b>\$220.6</b>	<b>\$466.0</b>
<b>Increase to Sewer User Fee:</b>	<b>5.8¢</b>	<b>4.6¢</b>	<b>7.9¢</b>	<b>9.0¢</b>	<b>8.9¢</b>	<b>5.8¢</b>	<b>8.8¢</b>

**LOCATION:**  
Mattawoman WWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Sewer User</b>	100%	<b>Requested By:</b>	DPW	
<b>Pump Station Rehabs and Replacements</b>	<b>Sewer Connection</b>	0%	<b>Project #:</b>	7097	
<b>Goal: 2</b>					
Rehabilitation at various wastewater pumping facilities to update to current standards and replace aged equipment/infrastructure that include, but are not limited to the following: Strawberry Hills P.S., Theodore Green Blvd. P.S., Checkers P.S., Thomas Stone P.S., Indian Head Manor P.S., Ryon Woods P.S., Rt. 925B P.S., St. Charles P.S. #5A, Pinefield P.S. Forcemain, Bar Harbor PS, Bachelors Hope PS, Cuckolds Creek PS, Wisteria PS, Bath House PS, and a barscreen at PS3B.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$3,310	\$3,130	\$1,570	\$1,570	\$9,580
<b>Increase/(Decrease)</b>	<b>(\$2,727)</b>	<b>(\$1,442)</b>	<b>\$118</b>	<b>(\$75)</b>	<b>(\$4,126)</b>
<b>% change</b>	<b>-82.4%</b>	<b>-46.1%</b>	<b>7.5%</b>	<b>-4.8%</b>	<b>-43.1%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$175	\$175	\$115	\$115	\$580	\$651	\$215	\$1,446
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	275	1,275	1,275	1,100	1,100	5,025	1,546	1,100	7,671
Equipment	0	0	0	0	0	0	0	0	0
Administration	55	55	55	55	55	275	29	35	339
Inspection	225	55	55	115	115	565	227	110	902
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	28	128	128	110	110	504	143	110	757
<b>Total Outlay</b>	<b>\$583</b>	<b>\$1,688</b>	<b>\$1,688</b>	<b>\$1,495</b>	<b>\$1,495</b>	<b>\$6,949</b>	<b>\$2,596</b>	<b>\$1,570</b>	<b>\$11,115</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)		\$583	\$1,688	\$1,688	\$1,495	\$1,495	\$6,949	\$2,596	\$1,570	\$11,115
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$583</b>	<b>\$1,688</b>	<b>\$1,688</b>	<b>\$1,495</b>	<b>\$1,495</b>	<b>\$6,949</b>	<b>\$2,596</b>	<b>\$1,570</b>	<b>\$11,115</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$583</b>	<b>\$1,688</b>	<b>\$1,688</b>	<b>\$1,495</b>	<b>\$1,495</b>	<b>\$6,949</b>	<b>\$2,596</b>	<b>\$1,570</b>	<b>\$11,115</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>						
Debt Service: Bonds	215.9	267.0	420.4	579.2	724.7	215.9	877.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$215.9</b>	<b>\$267.0</b>	<b>\$420.4</b>	<b>\$579.2</b>	<b>\$724.7</b>	<b>\$215.9</b>	<b>\$877.5</b>
<b>Increase to Sewer User Fee:</b>	<b>10.3¢</b>	<b>10.2¢</b>	<b>15.8¢</b>	<b>20.3¢</b>	<b>25.1¢</b>	<b>10.3¢</b>	<b>30.0¢</b>

**LOCATION:**  
Various pumping stations countywide

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Satellite Wastewater Facility Upgrades</b>	<b>Sewer User</b> 100%	<b>Requested By:</b> DPW			
	<b>Sewer Connection</b> 0%	<b>Project #:</b> 7098			
<b>Goal: 2</b>					
<p>To provide necessary upgrades to various satellite pumping stations and treatment plant facilities that include, but are not limited to the following: Replacement of generator and automatic transfer switch at Cobb Island Pumping Station to maintain power distribution reliability. Install asphalt access drives that will replace failing gravel drives at Strawberry Hills P.S., Clifton Pumping Station #2, Clifton Pumping Station #4, and Mt. Carmel WWTP. Relocate chemical feed system at Swan Point Vacuum Pumping Station into building to be constructed. Construct regional storage facility at Swan Point WWTP. Construct Chemical Building at Swan Point WWTP. Construct building at Bel Alton WWTP that will aid in maintaining process temperatures for improved system performance. Structural, process, and mechanical improvements at Clifton WWTP and Mt. Carmel WWTP. Sprayfield improvements at Breeze Farm and Cuckolds Creek facilities. Construct regional operation and maintenance facility at St. Charles PS2A site. Chemical feed system improvements at various satellite treatment plants.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$651	\$651	\$651	\$651	\$2,602
<b>Increase/(Decrease)</b>	<b>(\$110)</b>	<b>(\$110)</b>	<b>(\$110)</b>	<b>(\$110)</b>	<b>(\$438)</b>
<b>% change</b>	<b>-16.8%</b>	<b>-16.8%</b>	<b>-16.8%</b>	<b>-16.8%</b>	<b>-16.8%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$75	\$75	\$75	\$75	\$75	\$375	\$358	\$75	\$808
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	375	375	375	375	375	1,875	423	375	2,673
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	15	15	75	53	15	143
Inspection	38	38	38	38	38	190	133	38	361
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	38	38	38	38	38	190	0	38	228
<b>Total Outlay</b>	<b>\$541</b>	<b>\$541</b>	<b>\$541</b>	<b>\$541</b>	<b>\$541</b>	<b>\$2,705</b>	<b>\$967</b>	<b>\$541</b>	<b>\$4,213</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	(15 Year)	\$541	\$541	\$541	\$541	\$541	\$2,705	\$967	\$541	\$4,213
Fund Balance	Appropriation	0	0	0	0	0	0	0	0	0
Operating	Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$541</b>	<b>\$541</b>	<b>\$541</b>	<b>\$541</b>	<b>\$541</b>	<b>\$2,705</b>	<b>\$967</b>	<b>\$541</b>	<b>\$4,213</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:	WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$541</b>	<b>\$541</b>	<b>\$541</b>	<b>\$541</b>	<b>\$541</b>	<b>\$2,705</b>	<b>\$967</b>	<b>\$541</b>	<b>\$4,213</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	80.4	127.9	177.1	228.0	280.6	80.4	333.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$80.4</b>	<b>\$127.9</b>	<b>\$177.1</b>	<b>\$228.0</b>	<b>\$280.6</b>	<b>\$80.4</b>	<b>\$333.3</b>
<b>Increase to Sewer User Fee:</b>	<b>3.8¢</b>	<b>4.9¢</b>	<b>6.6¢</b>	<b>8.0¢</b>	<b>9.7¢</b>	<b>3.8¢</b>	<b>11.4¢</b>

**LOCATION:**  
Various Sites-see description

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Clarifier and Thickener Repairs</b>	Sewer User 55%	Requested By: DPW			
	Sewer Connection 45%	Project #: 7093			
Goal: 2					
Gravity Thickeners #1 & #2, Secondary Clarifiers #5 & #6, and Final Clarifiers #1 through #4 are aged and in need of rehabilitation. Work includes mechanical, electrical, and structural repairs/replacements.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$976	\$976	\$976	\$976	\$3,903
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	0.0%	0.0%	0.0%	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$150	\$150	\$150	\$150	\$150	\$750	\$525	\$150	\$1,425
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	675	675	675	675	675	3,375	1,495	675	5,545
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	15	15	75	48	15	138
Inspection	68	68	68	68	68	340	103	68	511
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	68	68	68	68	68	339	53	68	459
<b>Total Outlay</b>	<b>\$976</b>	<b>\$976</b>	<b>\$976</b>	<b>\$976</b>	<b>\$976</b>	<b>\$4,879</b>	<b>\$2,224</b>	<b>\$976</b>	<b>\$8,078</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$830	\$830	\$830	\$830	\$830	\$4,149	\$1,890	\$830	\$6,868
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$830</b>	<b>\$830</b>	<b>\$830</b>	<b>\$830</b>	<b>\$830</b>	<b>\$4,149</b>	<b>\$1,890</b>	<b>\$830</b>	<b>\$6,868</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	146	146	146	146	146	730	334	146	1,210
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$976</b>	<b>\$976</b>	<b>\$976</b>	<b>\$976</b>	<b>\$976</b>	<b>\$4,879</b>	<b>\$2,224</b>	<b>\$976</b>	<b>\$8,078</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond thru FY15 FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	108.0	159.8	214.8	272.8	334.0	108.0	395.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$108.0</b>	<b>\$159.8</b>	<b>\$214.8</b>	<b>\$272.8</b>	<b>\$334.0</b>	<b>\$108.0</b>	<b>\$395.2</b>
<b>Increase to Sewer User Fee:</b>	<b>2.8¢</b>	<b>3.3¢</b>	<b>4.4¢</b>	<b>5.3¢</b>	<b>6.4¢</b>	<b>2.8¢</b>	<b>7.4¢</b>

**LOCATION:**  
Mattawoman WWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Cobb Island/Swan Point Interconnection</b>	Sewer User Sewer Connection	50% 50%	Requested By: <b>DPW</b> Project #: <b>7100</b> Goal: <b>2</b>			
<p>To provide operational flexibility in diverting flows between the Cobb Island and Swan Point treatment systems. This project will also provide sewer system improvements that will address failing septic's within the service area.</p>						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>			This project consists of two phases – Interconnection of Swan Pt. and Cobb Island Wastewater Facilities (FY15/16) and Infrastructure Improvements to Facilitate Connection of Failing Septic Areas (FY19/20). Additional funding is needed for the Interconnection Project based on the latest cost estimates prepared by the design engineer.			
	FY 2016	FY 2017		FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0		\$0	\$290	\$290
<b>Increase/(Decrease)</b>	<b>\$987</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$987</b>
<i>% change</i>	<i>new</i>	<i>n/a</i>	<i>n/a</i>	<i>0.0%</i>	<i>340.3%</i>	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$275	\$0	\$275	\$275	\$120	\$670
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	815	0	0	0	0	815	145	1,200	2,160
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	0	0	15	0	30	11	15	56
Inspection	75	0	0	0	0	75	22	120	217
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	82	0	0	0	0	82	0	0	82
<b>Total Outlay</b>	<b>\$987</b>	<b>\$0</b>	<b>\$0</b>	<b>\$290</b>	<b>\$0</b>	<b>\$1,277</b>	<b>\$453</b>	<b>\$1,455</b>	<b>\$3,185</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	(30 Year)	\$987	\$0	\$0	\$290	\$0	\$1,277	\$453	\$1,455	\$3,185
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$987</b>	<b>\$0</b>	<b>\$0</b>	<b>\$290</b>	<b>\$0</b>	<b>\$1,277</b>	<b>\$453</b>	<b>\$1,455</b>	<b>\$3,185</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$987</b>	<b>\$0</b>	<b>\$0</b>	<b>\$290</b>	<b>\$0</b>	<b>\$1,277</b>	<b>\$453</b>	<b>\$1,455</b>	<b>\$3,185</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	25.9	87.5	87.5	87.5	109.0	25.9	216.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$25.9</b>	<b>\$87.5</b>	<b>\$87.5</b>	<b>\$87.5</b>	<b>\$109.0</b>	<b>\$25.9</b>	<b>\$216.4</b>
<b>Increase to Sewer User Fee:</b>	<b>0.6¢</b>	<b>1.7¢</b>	<b>1.6¢</b>	<b>1.5¢</b>	<b>1.9¢</b>	<b>0.6¢</b>	<b>3.7¢</b>

**LOCATION:**  
Cobb Island, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Utility Water System Evaluation &amp; Improvement</b>	Sewer User 55% Sewer Connection 45%	Requested By: DPW Project #: 7101 Goal: 2				
<p>The plant utility water system has not always been satisfactory in supporting all of the demands for Non-Potable Water (NPW) at the MWWTP. Sludge production and other needs for NPW have increased over the years. Low NPW pressures have been experienced throughout the plant and the sludge dewatering process has been negatively affected as a result. Evaluation of the plant utility water system is needed to determine what improvements are necessary in order to satisfy the plant NPW demands. The effect of the UV upgrade was to cut the system from a 4 pump system to a 2 pump system, and it has become a common occurrence to have to defer wash-downs in other areas of the plant in order to operate the belt filter presses or vice versa.</p>						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL	
Approved FY15-FY19 CIP	\$641	\$0	\$0	\$0	\$641	<i>Additional improvements were identified and construction costs are expected to be higher than preliminary estimates</i>
<b>Increase/(Decrease)</b>	<b>(\$143)</b>	<b>\$683</b>	<b>\$0</b>	<b>\$0</b>	<b>\$540</b>	
% change	-22.3%	new	n/a	n/a	84.2%	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$35	\$45	\$0	\$0	\$0	\$80	\$170	\$0	\$250
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	375	525	0	0	0	900	0	0	900
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	0	0	0	30	21	0	51
Inspection	35	45	0	0	0	80	0	0	80
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	38	53	0	0	0	91	0	0	91
<b>Total Outlay</b>	<b>\$498</b>	<b>\$683</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,181</b>	<b>\$191</b>	<b>\$0</b>	<b>\$1,372</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	(30 Year)	\$423	\$581	\$0	\$0	\$0	\$1,004	\$162	\$0	\$1,166
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$423</b>	<b>\$581</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,004</b>	<b>\$162</b>	<b>\$0</b>	<b>\$1,166</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		75	102	0	0	0	177	29	0	206
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$498</b>	<b>\$683</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,181</b>	<b>\$191</b>	<b>\$0</b>	<b>\$1,372</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	9.3	35.7	74.1	74.1	74.1	9.3	74.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$9.3</b>	<b>\$35.7</b>	<b>\$74.1</b>	<b>\$74.1</b>	<b>\$74.1</b>	<b>\$9.3</b>	<b>\$74.1</b>
<b>Increase to Sewer User Fee:</b>	<b>0.2¢</b>	<b>0.7¢</b>	<b>1.5¢</b>	<b>1.4¢</b>	<b>1.4¢</b>	<b>0.2¢</b>	<b>1.4¢</b>

**LOCATION:**  
Mattawoman WWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Sewer Model Update</b>	Sewer User 55%	Requested By: PGM			
	Sewer Connection 45%	Project #: 7091			
Goal: 2					
Update the current County Sewer Model by including newly installed sewer lines and verifying system stability and identify deficiencies.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$81	\$81	\$81	\$81	\$324
<b>Increase/(Decrease)</b>	<b>\$22</b>	<b>\$22</b>	<b>\$22</b>	<b>\$22</b>	<b>\$88</b>
% change	27.2%	27.2%	27.2%	27.2%	27.2%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$30	\$30	\$30	\$30	\$30	\$150	\$150	\$30	\$330
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	69	69	69	69	69	345	61	47	453
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	4	4	4	4	4	20	20	4	44
<b>Total Outlay</b>	<b>\$103</b>	<b>\$103</b>	<b>\$103</b>	<b>\$103</b>	<b>\$103</b>	<b>\$515</b>	<b>\$231</b>	<b>\$81</b>	<b>\$827</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	103	103	103	103	103	515	231	81	827
<b>Total County Funding</b>	<b>\$103</b>	<b>\$103</b>	<b>\$103</b>	<b>\$103</b>	<b>\$103</b>	<b>\$515</b>	<b>\$231</b>	<b>\$81</b>	<b>\$827</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$103</b>	<b>\$103</b>	<b>\$103</b>	<b>\$103</b>	<b>\$103</b>	<b>\$515</b>	<b>\$231</b>	<b>\$81</b>	<b>\$827</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Increase to Sewer User Fee:</b>	<b>0.6¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>2.1¢</b>	<b>0.0¢</b>

**LOCATION:**  
County-wide

**APPROVED CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2016**

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Cliffton Pump Station #4</b>	<b>Sewer User</b> 100% <b>Sewer Connection</b> 0%	<b>Requested By:</b> DPW <b>Project #:</b> 7102 <b>Goal:</b> 2			
<p>Cliffton PS #4 was constructed in the early 1970's and is in need of equipment overhaul and replacement. All pumps, associated pipes, valves, controls, and MCC's will be replaced, and electrical and ventilation issues addressed. Influent flow diversion will be required; a pump-around connection will be installed. The need for a generator will be evaluated. The wet well will be evaluated and may need repair/refurbishment. Submersible pumps will be installed in the wet well and a building constructed above ground for the valves and controls.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$701	\$0	\$0	\$0	\$701
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>% change</b>	<b>0.0%</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.0%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$175	\$0	\$0	\$0	\$0	\$175	\$160	\$0	\$335
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	425	0	0	0	0	425	125	0	550
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	0	0	0	0	15	21	0	36
Inspection	43	0	0	0	0	43	13	0	56
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	43	0	0	0	0	43	13	0	56
<b>Total Outlay</b>	<b>\$701</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$701</b>	<b>\$332</b>	<b>\$0</b>	<b>\$1,033</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)		\$701	\$0	\$0	\$0	\$0	\$701	\$332	\$0	\$1,033
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$701</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$701</b>	<b>\$332</b>	<b>\$0</b>	<b>\$1,033</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$701</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$701</b>	<b>\$332</b>	<b>\$0</b>	<b>\$1,033</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	27.6	89.1	89.1	89.1	89.1	27.6	89.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$27.6</b>	<b>\$89.1</b>	<b>\$89.1</b>	<b>\$89.1</b>	<b>\$89.1</b>	<b>\$27.6</b>	<b>\$89.1</b>
<b>Increase to Sewer User Fee:</b>	<b>1.3¢</b>	<b>3.4¢</b>	<b>3.3¢</b>	<b>3.1¢</b>	<b>3.1¢</b>	<b>1.3¢</b>	<b>3.0¢</b>

**LOCATION:**  
Cliffton Pump Station

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Mattawoman WWTP Berm Relocation</b>	Sewer User Sewer Connection	0% 100%	Requested By: <b>PGM</b> Project #: <b>7094</b> Goal: <b>2</b>		
Design and relocation of the existing WWTP perimeter berm to the edge of the property to facilitate future expansion. This will include MDE permitting and wetland mitigation.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$330	\$692	\$640	\$0	\$1,662
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	0.0%	0.0%	0.0%	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$309	\$0	\$309
Land & ROW	330	320	0	0	0	650	216	0	866
Construction	0	313	550	0	0	863	0	550	1,413
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	18	18	0	0	36	12	18	66
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	17	17	0	0	34	31	17	82
Contingency	0	24	55	0	0	79	31	55	165
<b>Total Outlay</b>	<b>\$330</b>	<b>\$692</b>	<b>\$640</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,662</b>	<b>\$599</b>	<b>\$640</b>	<b>\$2,901</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$330	\$692	\$640	\$0	\$0	\$1,662	\$599	\$640	\$2,901
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$330</b>	<b>\$692</b>	<b>\$640</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,662</b>	<b>\$599</b>	<b>\$640</b>	<b>\$2,901</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$330</b>	<b>\$692</b>	<b>\$640</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,662</b>	<b>\$599</b>	<b>\$640</b>	<b>\$2,901</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	34.2	54.8	100.6	145.4	145.4	34.2	192.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$34.2</b>	<b>\$54.8</b>	<b>\$100.6</b>	<b>\$145.4</b>	<b>\$145.4</b>	<b>\$34.2</b>	<b>\$192.6</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
Mattawoman WWTP

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Hughesville Package Treatment Plant</b>	Sewer User Sewer Connection	0% 100%	Requested By: <b>PGM</b> Project #: <b>7088</b> Goal: <b>1.15 / 2</b>		
Design, construction, and land acquisition for a central sewer collection and treatment system to serve the village of Hughesville consistent with the Hughesville Village Revitalization Plan completed in 2008. The Hughesville Water and Sewer Feasibility Study was completed in December 2010.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$2,132</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,132</b>
% change	new	n/a	n/a	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$100	\$0	\$0	\$0	\$0	\$100	\$200	\$0	\$300
Land & ROW	150	0	0	0	0	150	450	0	600
Construction	1,500	0	0	0	0	1,500	1,500	0	3,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	136	0	0	0	0	136	91	0	227
Inspection	66	0	0	0	0	66	46	0	112
Miscellaneous	20	0	0	0	0	20	46	0	66
Contingency	160	0	0	0	0	160	150	0	310
<b>Total Outlay</b>	<b>\$2,132</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,132</b>	<b>\$2,483</b>	<b>\$0</b>	<b>\$4,615</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)		\$2,132	\$0	\$0	\$0	\$0	\$2,132	\$2,483	\$0	\$4,615
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$2,132</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,132</b>	<b>\$2,483</b>	<b>\$0</b>	<b>\$4,615</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$2,132</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,132</b>	<b>\$2,483</b>	<b>\$0</b>	<b>\$4,615</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	62.8	64.1	65.4	66.7	0.0	68.7
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$62.8</b>	<b>\$64.1</b>	<b>\$65.4</b>	<b>\$66.7</b>	<b>\$0.0</b>	<b>\$68.7</b>
Debt Service: Bonds	141.9	275.1	275.1	275.1	275.1	141.9	275.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$141.9</b>	<b>\$337.9</b>	<b>\$339.2</b>	<b>\$340.5</b>	<b>\$341.8</b>	<b>\$141.9</b>	<b>\$343.8</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>2.4¢</b>	<b>2.4¢</b>	<b>2.3¢</b>	<b>2.3¢</b>	<b>0.0¢</b>	<b>2.3¢</b>

**LOCATION:**  
Hughesville, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Marshall Hall Road Gravity Sewer</b>	Sewer User Sewer Connection	100% 0%	Requested By: PGM Project #: 7105 Goal: 2		
<p>Reline approximately 1,700 l.f. of existing 15" asbestos cement gravity sewer along Marshall Hall Road from Cannon Park Rd. to 700' north of Matthews Road. The existing sewer has deteriorated due to hydrogen sulfide gases.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$822	\$0	\$0	\$0	\$822
<b>Increase/(Decrease)</b>	<b>(\$822)</b>	<b>\$822</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	-100.0%	new	n/a	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$45	\$0	\$45
Land & ROW	0	0	0	0	0	0	15	0	15
Construction	0	750	0	0	0	750	650	0	1,400
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	41	0	0	0	41	40	0	81
Inspection	0	23	0	0	0	23	20	0	43
Miscellaneous	0	8	0	0	0	8	8	0	16
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$822</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$822</b>	<b>\$778</b>	<b>\$0</b>	<b>\$1,600</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$0	\$822	\$0	\$0	\$0	\$822	\$778	\$0	\$1,600
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$822</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$822</b>	<b>\$778</b>	<b>\$0</b>	<b>\$1,600</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$822</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$822</b>	<b>\$778</b>	<b>\$0</b>	<b>\$1,600</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	64.7	64.7	139.4	139.4	139.4	64.7	139.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$64.7</b>	<b>\$64.7</b>	<b>\$139.4</b>	<b>\$139.4</b>	<b>\$139.4</b>	<b>\$64.7</b>	<b>\$139.4</b>
<b>Increase to Sewer User Fee:</b>	<b>3.1¢</b>	<b>2.5¢</b>	<b>5.2¢</b>	<b>4.9¢</b>	<b>4.8¢</b>	<b>3.1¢</b>	<b>4.8¢</b>

**LOCATION:**  
ADC MAP 8 (A1) to Map 2 (A12)

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Sewer User</b>	100%	<b>Requested By:</b>	PGM	
<b>Piney Branch Sewer Replacement (Upper Reaches)</b>	<b>Sewer Connection</b>	0%	<b>Project #:</b>	7104	
<b>Goal: 2</b>					
Design and construction of new gravity sewer to replace approximately 2,500 l.f. of existing 36" gravity from outfall of the existing force main at JP Morgan Court to US301. The existing sewer is deteriorated due to hydrogen sulfide gases.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$479	\$0	\$0	\$0	\$479
<b>Increase/(Decrease)</b>	<b>(\$479)</b>	<b>\$479</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	-100.0%	new	n/a	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0	\$150
Land & ROW	0	0	0	0	0	0	90	0	90
Construction	0	400	0	0	0	400	1,113	0	1,513
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	23	0	0	0	23	38	0	61
Inspection	0	12	0	0	0	12	16	0	28
Miscellaneous	0	4	0	0	0	4	7	0	11
Contingency	0	40	0	0	0	40	60	0	100
<b>Total Outlay</b>	<b>\$0</b>	<b>\$479</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$479</b>	<b>\$1,474</b>	<b>\$0</b>	<b>\$1,953</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)		\$0	\$479	\$0	\$0	\$0	\$479	\$1,474	\$0	\$1,953
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$0</b>	<b>\$479</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$479</b>	<b>\$1,474</b>	<b>\$0</b>	<b>\$1,953</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$479</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$479</b>	<b>\$1,474</b>	<b>\$0</b>	<b>\$1,953</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>						
Debt Service: Bonds	122.6	122.6	166.1	166.1	166.1	122.6	166.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$122.6</b>	<b>\$122.6</b>	<b>\$166.1</b>	<b>\$166.1</b>	<b>\$166.1</b>	<b>\$122.6</b>	<b>\$166.1</b>
<b>Increase to Sewer User Fee:</b>	<b>5.9¢</b>	<b>4.7¢</b>	<b>6.2¢</b>	<b>5.8¢</b>	<b>5.8¢</b>	<b>5.9¢</b>	<b>5.7¢</b>

**LOCATION:**  
ADC MAP 10(E4-D3)

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MD. Route 5 Pump Station Forcemain</b>	<b>Sewer User</b> 50% <b>Sewer Connection</b> 50%	<b>Requested By:</b> PGM <b>Project #:</b> 7106 <b>Goal:</b> 2
Design and construct approximately 4,000 l.f. of 10" force main to convert flows from the MD Route 5 Pump Station to the St. Marks Pump Station. When completed, this forcemain will relieve capacity in the Zekiah Pump Station.		
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>		
	<b>FY 2016</b> <b>FY 2017</b> <b>FY 2018</b> <b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$360   \$0   \$0   \$0	\$360
<b>Increase/(Decrease)</b>	<b>(\$360)</b> <b>\$177</b> <b>\$717</b> <b>\$0</b>	<b>\$534</b>
% change	-100.0%   new   new   n/a	148.3%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$58	\$0	\$0	\$0	\$58	\$170	\$0	\$228
Land & ROW	0	80	0	0	0	80	60	0	140
Construction	0	0	580	0	0	580	750	0	1,330
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	15	49	0	0	64	33	0	97
Inspection	0	9	25	0	0	34	14	0	48
Miscellaneous	0	15	5	0	0	20	6	0	26
Contingency	0	0	58	0	0	58	50	0	108
<b>Total Outlay</b>	<b>\$0</b>	<b>\$177</b>	<b>\$717</b>	<b>\$0</b>	<b>\$0</b>	<b>\$894</b>	<b>\$1,083</b>	<b>\$0</b>	<b>\$1,977</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
Bonds (30 Year)		\$0	\$177	\$717	\$0	\$0	\$894	\$1,083	\$0	\$1,977
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$0</b>	<b>\$177</b>	<b>\$717</b>	<b>\$0</b>	<b>\$0</b>	<b>\$894</b>	<b>\$1,083</b>	<b>\$0</b>	<b>\$1,977</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$177</b>	<b>\$717</b>	<b>\$0</b>	<b>\$0</b>	<b>\$894</b>	<b>\$1,083</b>	<b>\$0</b>	<b>\$1,977</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	61.9	61.9	73.6	123.7	123.7	61.9	123.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$61.9</b>	<b>\$61.9</b>	<b>\$73.6</b>	<b>\$123.7</b>	<b>\$123.7</b>	<b>\$61.9</b>	<b>\$123.7</b>
<b>Increase to Sewer User Fee:</b>	<b>1.5¢</b>	<b>1.2¢</b>	<b>1.4¢</b>	<b>2.2¢</b>	<b>2.1¢</b>	<b>1.5¢</b>	<b>2.1¢</b>

**LOCATION:**  
ADC MAP 10(K4-H5)

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Zekiah Pump Station Upgrade</b>	<b>Sewer User</b> 23%	<b>Requested By:</b> PGM			
	<b>Sewer Connection</b> 77%	<b>Project #:</b> 7107			
<b>Goal:</b> 1.13					
Design and construct to expand the capacity of the Zekiah Pumping Station from approximately 3.0 MGD to 10.5 MGD. The developer of Adams Crossing previously expanded the Zekiah Pump Station from 1 MGD to approximately 3.0 MGD. To accomplish this expansion, the existing pump station will be fully replaced. This project is part of the Waldorf Urban Redevelopment Corridor (WURC) initiative.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$598	\$598	\$598	\$0	\$1,794
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$598</b>	<b>\$598</b>
<b>% change</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>new</b>	<b>33.3%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$200
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	500	500	500	500	0	2,000	0	0	2,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	28	28	28	28	0	112	13	0	125
Inspection	15	15	15	15	0	60	6	0	66
Miscellaneous	5	5	5	5	0	20	2	0	22
Contingency	50	50	50	50	0	200	0	0	200
<b>Total Outlay</b>	<b>\$598</b>	<b>\$598</b>	<b>\$598</b>	<b>\$598</b>	<b>\$0</b>	<b>\$2,392</b>	<b>\$221</b>	<b>\$0</b>	<b>\$2,613</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$598	\$598	\$598	\$598	\$0	\$2,392	\$221	\$0	\$2,613
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$598	\$598	\$598	\$598	\$0	\$2,392	\$221	\$0	\$2,613
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$598</b>	<b>\$598</b>	<b>\$598</b>	<b>\$598</b>	<b>\$0</b>	<b>\$2,392</b>	<b>\$221</b>	<b>\$0</b>	<b>\$2,613</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	12.6	50.0	89.6	131.4	175.5	12.6	175.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$12.6</b>	<b>\$50.0</b>	<b>\$89.6</b>	<b>\$131.4</b>	<b>\$175.5</b>	<b>\$12.6</b>	<b>\$175.5</b>
<b>Increase to Sewer User Fee:</b>	<b>0.1¢</b>	<b>0.4¢</b>	<b>0.8¢</b>	<b>1.1¢</b>	<b>1.4¢</b>	<b>0.1¢</b>	<b>1.4¢</b>

<b>LOCATION:</b> ADC MAP 10(H2)
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## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Zekiah Pump Station Forcemain</b>	Sewer User Sewer Connection	50% 50%	Requested By: <b>PGM</b> Project #: <b>7108</b>		
<b>Goal: 1.13</b>					
Design and construct approximately 7,000 l.f. of 18" force main from Zekiah Pump Station. This project is necessary to accommodate the increased flows generated when the Zekiah Pump Station is upgraded to 10.5 MGD. The new forcemain will run from the existing Zekiah Pump Station along Acton Lane to the intersection of Acton Lane and U.S. Route 301. This project is part of the Waldorf Urban Redevelopment Corridor (WURC) initiative.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$706	\$598	\$1,143	\$0	\$2,447
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	0.0%	0.0%	0.0%	n/a	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$110
Land & ROW	100	0	0	0	0	100	100	0	200
Construction	500	500	1,000	0	0	2,000	0	0	2,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	33	28	53	0	0	114	14	0	128
Inspection	18	15	30	0	0	63	6	0	69
Miscellaneous	5	5	10	0	0	20	2	0	22
Contingency	50	50	50	0	0	150	0	0	150
<b>Total Outlay</b>	<b>\$706</b>	<b>\$598</b>	<b>\$1,143</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,447</b>	<b>\$232</b>	<b>\$0</b>	<b>\$2,679</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$706	\$598	\$1,143	\$0	\$0	\$2,447	\$232	\$0	\$2,679
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$706	\$598	\$1,143	\$0	\$0	\$2,447	\$232	\$0	\$2,679
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$706</b>	<b>\$598</b>	<b>\$1,143</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,447</b>	<b>\$232</b>	<b>\$0</b>	<b>\$2,679</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	13.3	57.4	96.9	176.9	176.9	13.3	176.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$13.3</b>	<b>\$57.4</b>	<b>\$96.9</b>	<b>\$176.9</b>	<b>\$176.9</b>	<b>\$13.3</b>	<b>\$176.9</b>
<b>Increase to Sewer User Fee:</b>	<b>0.3¢</b>	<b>1.1¢</b>	<b>1.8¢</b>	<b>3.1¢</b>	<b>3.1¢</b>	<b>0.3¢</b>	<b>3.0¢</b>

**LOCATION:**  
ADC MAP 10(H2)

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Zekiah Interceptor Sewer Upgrades</b>	Sewer User Sewer Connection	50% 50%	Requested By: <b>PGM</b> Project #: <b>7109</b> Goal: <b>1.13</b>		
Design and construct approximately 6,500 l.f. of 36" Gravity sewer to provide additional capacity in the sewer system to serve the future development of the Zekiah service area as part of the Waldorf Urban Redevelopment Corridor (WURC) initiative.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$799	\$799	\$799	\$799	\$3,196
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
% change	0.0%	0.0%	0.0%	0.0%	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$360	\$0	\$360
Land & ROW	20	20	20	20	0	80	20	0	100
Construction	650	650	650	650	0	2,600	0	0	2,600
Equipment	0	0	0	0	0	0	0	0	0
Administration	37	37	37	37	0	148	22	0	170
Inspection	20	20	20	20	0	80	11	0	91
Miscellaneous	7	7	7	7	0	28	4	0	32
Contingency	65	65	65	65	0	260	0	0	260
<b>Total Outlay</b>	<b>\$799</b>	<b>\$799</b>	<b>\$799</b>	<b>\$799</b>	<b>\$0</b>	<b>\$3,196</b>	<b>\$417</b>	<b>\$0</b>	<b>\$3,613</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$799	\$799	\$799	\$799	\$0	\$3,196	\$417	\$0	\$3,613
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$799</b>	<b>\$799</b>	<b>\$799</b>	<b>\$799</b>	<b>\$0</b>	<b>\$3,196</b>	<b>\$417</b>	<b>\$0</b>	<b>\$3,613</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$799</b>	<b>\$799</b>	<b>\$799</b>	<b>\$799</b>	<b>\$0</b>	<b>\$3,196</b>	<b>\$417</b>	<b>\$0</b>	<b>\$3,613</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	23.8	73.7	126.6	182.5	241.5	23.8	241.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$23.8</b>	<b>\$73.7</b>	<b>\$126.6</b>	<b>\$182.5</b>	<b>\$241.5</b>	<b>\$23.8</b>	<b>\$241.5</b>
<b>Increase to Sewer User Fee:</b>	<b>0.6¢</b>	<b>1.4¢</b>	<b>2.4¢</b>	<b>3.2¢</b>	<b>4.2¢</b>	<b>0.6¢</b>	<b>4.1¢</b>

**LOCATION:**  
ADC MAP 4(D10 to G12)

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Cliffton WWTP Improvements</b>	Sewer User 100%	Requested By: DPW			
	Sewer Connection 0%	Project #: 7123			
<b>Goal: 2</b>					
Cliffton WWTP was constructed in the 1970's and is in need of equipment overhaul and replacement to improve treatment reliability and operability. Project includes complete evaluation of treatment plant and implementation of recommended improvements.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$240	\$981	\$2,351	\$0	\$3,572
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>% change</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>n/a</b>	<b>0.0%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$225	\$275	\$325	\$0	\$0	\$825	\$0	\$0	\$825
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	575	1,675	0	0	2,250	0	0	2,250
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	0	0	45	0	0	45
Inspection	0	58	168	0	0	226	0	0	226
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	58	168	0	0	226	0	0	226
<b>Total Outlay</b>	<b>\$240</b>	<b>\$981</b>	<b>\$2,351</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,572</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,572</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)		\$240	\$981	\$2,351	\$0	\$0	\$3,572	\$0	\$0	\$3,572
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$240</b>	<b>\$981</b>	<b>\$2,351</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,572</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,572</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$240</b>	<b>\$981</b>	<b>\$2,351</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,572</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,572</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	21.1	110.2	331.3	331.3	0.0	331.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$21.1</b>	<b>\$110.2</b>	<b>\$331.3</b>	<b>\$331.3</b>	<b>\$0.0</b>	<b>\$331.3</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.8¢</b>	<b>4.1¢</b>	<b>11.6¢</b>	<b>11.5¢</b>	<b>11.3¢</b>	

**LOCATION:**  
Cliffton, MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2016**

(\$ in thousands)

<b>PROJECT NAME:</b>		<b>Sewer User</b> 75%	<b>Requested By:</b> PGM			
<b>Mt. Carmel Woods/College of Southern Maryland (CSM) Pump Stations &amp; Force mains Phase 3</b>		<b>Sewer Connection</b> 25%	<b>Project #:</b> 7058			
			<b>Goal#:</b> 2			
<p>To provide sewer to meet the schedule for the proposed National Guard Amory site, the Mt. Carmel/CSM Pump Station and Force main project will be constructed in two phases. As a result of this phasing, design parameters were changed resulting in an increase in construction costs. Preliminary investigations resulted in the recommendation of a gravity sewer in lieu of the previously proposed force main along Bumpy Oak Rd. to tie into the Mattawoman Interceptor Sewer near the Indian Head Rail Trail. This new alignment also increases land acquisition costs significantly.</p>						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>	<i>Preliminary investigations resulted in the recommendation of a gravity sewer in lieu of the previously proposed force main along Bumpy Oak Rd. to tie into the Mattawoman Interceptor Sewer near the Indian Head Rail Trail. This new alignment also increases land acquisition costs significantly.</i>
Approved FY15-FY19 CIP	\$1,900	\$1,900	\$0	\$0	\$3,800	
<b>Increase/(Decrease)</b>	<b>\$1,749</b>	<b>\$1,675</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,424</b>	
% change	92.1%	88.2%	n/a	n/a	90.1%	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$60	\$0	\$0	\$0	\$0	\$60	\$236	\$0	\$296
Land & ROW	1,500	1,500	0	0	0	3,000	41	0	3,041
Construction	1,700	1,700	0	0	0	3,400	5,887	0	9,287
Equipment	0	0	0	0	0	0	0	0	0
Administration	138	133	0	0	0	271	170	0	441
Inspection	66	67	0	0	0	133	414	0	547
Miscellaneous	15	5	0	0	0	20	67	0	87
Contingency	170	170	0	0	0	340	551	0	891
<b>Total Outlay</b>	<b>\$3,649</b>	<b>\$3,575</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,224</b>	<b>\$7,366</b>	<b>\$0</b>	<b>\$14,590</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$3,649	\$3,575	\$0	\$0	\$0	\$7,224	\$6,788	\$0	\$14,012
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	32	0	32
<b>Total County Funding</b>	<b>\$3,649</b>	<b>\$3,575</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,224</b>	<b>\$6,820</b>	<b>\$0</b>	<b>\$14,044</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	546	0	546
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$3,649</b>	<b>\$3,575</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,224</b>	<b>\$7,366</b>	<b>\$0</b>	<b>\$14,590</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>						
Debt Service: Bonds	387.8	615.8	852.3	852.3	852.3	387.8	852.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$387.8</b>	<b>\$615.8</b>	<b>\$852.3</b>	<b>\$852.3</b>	<b>\$852.3</b>	<b>\$387.8</b>	<b>\$852.3</b>
<b>Increase to Sewer User Fee:</b>	<b>13.9¢</b>	<b>17.6¢</b>	<b>24.0¢</b>	<b>22.4¢</b>	<b>22.1¢</b>	<b>15.1¢</b>	<b>21.8¢</b>

<b>LOCATION:</b>
Mt. Carmel Woods/College of Southern Maryland (CSM)

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Old Washington Road Sewer</b>	Sewer User 55% Sewer Connection 45%	Requested By: PGM Project #: 7115 Goal: 1.13				
<p>As part of the Waldorf Urban Redevelopment Study, recommendations were made to replace sewer lines to provide for future development in the Waldorf Urban Redevelopment Corridor. The existing sewer system has aged and is unreliable to facilitate the proposed growth. This project will design and construct approx. 5,800 l.f. of new sewer line from along Old Washington Road from Md. Route 5 to Acton Lane based on a study performed in 2013.</p>						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL	
Approved FY15-FY19 CIP	\$1,033	\$0	\$0	\$0	\$1,033	<i>Price increased due to scope of work was revised to accommodate proposed WURC improvements</i>
<b>Increase/(Decrease)</b>	<b>\$1,140</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,140</b>	
% change	110.4%	n/a	n/a	n/a	110.4%	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$73	\$0	\$0	\$0	\$0	\$73	\$87	\$0	\$160
Land & ROW	110	0	0	0	0	110	100	0	210
Construction	1,600	0	0	0	0	1,600	0	0	1,600
Equipment	0	0	0	0	0	0	0	0	0
Administration	140	0	0	0	0	140	11	0	151
Inspection	70	0	0	0	0	70	0	0	70
Miscellaneous	20	0	0	0	0	20	5	0	25
Contingency	160	0	0	0	0	160	0	0	160
<b>Total Outlay</b>	<b>\$2,173</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,173</b>	<b>\$203</b>	<b>\$0</b>	<b>\$2,376</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)		\$2,173	\$0	\$0	\$0	\$0	\$2,173	\$203	\$0	\$2,376
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
Total County Funding		\$2,173	\$0	\$0	\$0	\$0	\$2,173	\$203	\$0	\$2,376
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$2,173</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,173</b>	<b>\$203</b>	<b>\$0</b>	<b>\$2,376</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	11.6	147.4	147.4	147.4	147.4	11.6	147.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$11.6</b>	<b>\$147.4</b>	<b>\$147.4</b>	<b>\$147.4</b>	<b>\$147.4</b>	<b>\$11.6</b>	<b>\$147.4</b>
<b>Increase to Sewer User Fee:</b>	<b>0.3¢</b>	<b>3.1¢</b>	<b>3.0¢</b>	<b>2.8¢</b>	<b>2.8¢</b>	<b>0.3¢</b>	<b>2.8¢</b>

**LOCATION:**  
Old Washington Road to Acton Lane

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	Sewer User 55%	Requested By: DPW			
<b>MWWTP Belt Filter Press Replacement</b>	Sewer Connection 45%	Project #: 7116			
<b>Goal: 2</b>					
Belt Filter Presses #1 through #3 of the sludge process at MWWTP are aged and in need of rehabilitation. Work includes mechanical, electrical, and structural repairs/replacements.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$1,011	\$1,011	\$0	\$0	\$2,022
<b>Increase/(Decrease)</b>	<b>(\$36)</b>	<b>\$924</b>	<b>\$0</b>	<b>\$0</b>	<b>\$888</b>
<b>% change</b>	<b>-3.6%</b>	<b>91.4%</b>	<b>n/a</b>	<b>n/a</b>	<b>43.9%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$40	\$80	\$0	\$0	\$0	\$120	\$215	\$0	\$335
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	800	1,600	0	0	0	2,400	0	0	2,400
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	0	0	0	30	15	0	45
Inspection	40	80	0	0	0	120	0	0	120
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	80	160	0	0	0	240	0	0	240
<b>Total Outlay</b>	<b>\$975</b>	<b>\$1,935</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,910</b>	<b>\$230</b>	<b>\$0</b>	<b>\$3,140</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$829	\$1,645	\$0	\$0	\$0	\$2,474	\$195	\$0	\$2,669
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$829</b>	<b>\$1,645</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,474</b>	<b>\$195</b>	<b>\$0</b>	<b>\$2,669</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	146	290	0	0	0	436	35	0	471
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$975</b>	<b>\$1,935</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,910</b>	<b>\$230</b>	<b>\$0</b>	<b>\$3,140</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond thru FY15 FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	11.1	62.9	171.8	171.8	171.8	11.1	171.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$11.1</b>	<b>\$62.9</b>	<b>\$171.8</b>	<b>\$171.8</b>	<b>\$171.8</b>	<b>\$11.1</b>	<b>\$171.8</b>
<b>Increase to Sewer User Fee:</b>	<b>0.3c</b>	<b>1.3c</b>	<b>3.5c</b>	<b>3.3c</b>	<b>3.3c</b>	<b>0.3c</b>	<b>3.2c</b>

**LOCATION:**  
Mattawoman WWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Primary Clarifiers #1-4 Demolition</b>	<b>Sewer User</b> 55%	<b>Requested By:</b> DPW			
	<b>Sewer Connection</b> 45%	<b>Project #:</b>			
Existing Primary Clarifiers #1-4 at MWWTP are original to the plant. Flows at MWWTP have exceeded the capabilities of these units leaving them inoperative. Work includes proper demolition of these structures.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i>% change</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>new</i>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$175	\$175	\$0	\$145	\$320
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	1,450	1,450
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	15	15	0	15	30
Inspection	0	0	0	0	0	0	0	145	145
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	145	145
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190</b>	<b>\$190</b>	<b>\$0</b>	<b>\$1,900</b>	<b>\$2,090</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$0	\$0	\$0	\$0	\$161	\$161	\$0	\$1,615	\$1,776
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$0	\$161	\$161	\$0	\$1,615	\$1,776
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	29	29	0	285	314
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190</b>	<b>\$190</b>	<b>\$0</b>	<b>\$1,900</b>	<b>\$2,090</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	119.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$119.2</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>2.2¢</b>

**LOCATION:**  
Mattawoman WWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>White Plains Failing Septics</b>	<b>Sewer User</b> Sewer Connection	0% 100%	<b>Requested By:</b> PGM <b>Project #:</b> 7080		
<b>Goal: 2</b>					
The septic systems for the existing residences on Gateway Blvd. and Park Ave. are failing. Several alternatives to provide a central collection and conveyance systems have been explored. The final design is underway that will provide a gravity sewer system to direct flows to the Demarr Road pumping station. This will also facilitate a future project that will provide some relief in the Dorchester pumping station.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$248</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$248</b>
% change	new	n/a	n/a	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$30	\$0	\$0	\$0	\$0	\$30	\$185	\$0	\$215
Land & ROW	113	0	0	0	0	113	82	0	195
Construction	0	0	0	0	0	0	1,200	0	1,200
Equipment	0	0	0	0	0	0	0	0	0
Administration	90	0	0	0	0	90	63	0	153
Inspection	0	0	0	0	0	0	124	0	124
Miscellaneous	15	0	0	0	0	15	64	0	79
Contingency	0	0	0	0	0	0	99	0	99
<b>Total Outlay</b>	<b>\$248</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$248</b>	<b>\$1,816</b>	<b>\$0</b>	<b>\$2,064</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$248	\$0	\$0	\$0	\$0	\$248	\$1,816	\$0	\$2,064
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$248</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$248</b>	<b>\$1,816</b>	<b>\$0</b>	<b>\$2,064</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$248</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$248</b>	<b>\$1,816</b>	<b>\$0</b>	<b>\$2,064</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>						
Debt Service: Bonds	103.7	119.2	119.2	119.2	119.2	103.7	119.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$103.7</b>	<b>\$119.2</b>	<b>\$119.2</b>	<b>\$119.2</b>	<b>\$119.2</b>	<b>\$103.7</b>	<b>\$119.2</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>						

**LOCATION:**  
ADC MAP 10 (A7) to Map 9 (K7)

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Sewer User</b>	100%	<b>Requested By:</b>	PGM	
<b>In-Line Sewer Equalization Study</b>	<b>Sewer Connection</b>	0%	<b>Project #:</b>	7124	
<b>Goal: 2</b>					
<p>Conduct a study to analyze the existing Mattawoman, Bryans Road, Piney Branch Interceptor Sewer network to determine the feasibility of installing automated flow controls and/or off line temporary storage during peak sewer flows due to wet weather I&amp;I so that the MWWTP can intake the flows at a controlled rate. This could minimize the need for a large scale equalization basin within the WWTP Facility. This study will incorporate the data gathered from the Mattawoman I&amp;I Study and other capacity studies performed in the past.</p>					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$246</b>	<b>\$1,223</b>	<b>\$1,233</b>	<b>\$0</b>	<b>\$2,702</b>
% change	new	new	new	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$210	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$210
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	1,000	1,000	0	0	2,000	0	0	2,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	21	80	87	0	0	188	0	0	188
Inspection	0	38	41	0	0	79	0	0	79
Miscellaneous	15	5	5	0	0	25	0	0	25
Contingency	0	100	100	0	0	200	0	0	200
<b>Total Outlay</b>	<b>\$246</b>	<b>\$1,223</b>	<b>\$1,233</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,702</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,702</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (15 Year)	\$209	\$1,040	\$1,048	\$0	\$0	\$2,297	\$0	\$0	\$2,297	
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	
Operating Transfer	0	0	0	0	0	0	0	0	0	
<b>Total County Funding</b>	<b>\$209</b>	<b>\$1,040</b>	<b>\$1,048</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,297</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,297</b>	
Federal	0	0	0	0	0	0	0	0	0	
State	0	0	0	0	0	0	0	0	0	
Other: WSSC @ 15%	37	183	185	0	0	405	0	0	405	
Other:	0	0	0	0	0	0	0	0	0	
<b>Total Funding</b>	<b>\$246</b>	<b>\$1,223</b>	<b>\$1,233</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,702</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,702</b>	

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	18.3	112.9	211.5	211.5	0.0	211.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$18.3</b>	<b>\$112.9</b>	<b>\$211.5</b>	<b>\$211.5</b>	<b>\$0.0</b>	<b>\$211.5</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.7¢</b>	<b>4.2¢</b>	<b>7.4¢</b>	<b>7.3¢</b>	<b>0.0¢</b>	<b>7.2¢</b>

**LOCATION:**

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Hughesville Sewer System</b>	Sewer User Sewer Connection	0% 100%	Requested By: <b>PGM</b> Project #: Goal: <b>2</b>		
Design and construct a centralized sewer collection system for the Hughesville Village core. This project includes approximately 12,700 l.f. of 10" gravity sewer but does not include treatment facilities.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$842</b>	<b>\$2,139</b>	<b>\$2,981</b>
% change	n/a	n/a	new	new	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$350	\$0	\$0	\$350	\$0	\$0	\$350
Land & ROW	0	0	380	0	0	380	0	0	380
Construction	0	0	0	1,750	1,750	3,500	0	0	3,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	60	136	136	332	0	0	332
Inspection	0	0	0	73	73	146	0	0	146
Miscellaneous	0	0	15	5	5	25	0	0	25
Contingency	0	0	37	175	175	387	0	0	387
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$842</b>	<b>\$2,139</b>	<b>\$2,139</b>	<b>\$5,120</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,120</b>

FINANCING SOURCES									
Bonds (30 Year)	\$0	\$0	\$716	\$1,818	\$1,818	\$4,352	\$0	\$0	\$4,352
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$716	\$1,818	\$1,818	\$4,352	\$0	\$0	\$4,352
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	126	321	321	768	0	0	768
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$842</b>	<b>\$2,139</b>	<b>\$2,139</b>	<b>\$5,120</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,120</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	50.1	184.3	0.0	184.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$50.1</b>	<b>\$184.3</b>	<b>\$0.0</b>	<b>\$184.3</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0c</b>	<b>0.0c</b>	<b>0.0c</b>	<b>0.0c</b>	<b>0.0c</b>	<b>0.0c</b>	<b>0.0c</b>

**LOCATION:**  
Hughesville

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Sewer User</b>	0%	<b>Requested By:</b>	PGM	
<b>Southwinds Pump Station Outfall Gravity Sewer</b>	<b>Sewer Connection</b>	100%	<b>Project #:</b>	7125	
<b>Goal: 2</b>					
Redirect the Southwinds Pump Station sewer flows to the White Plains Failing Septic gravity system which flows to the Demar Pump Station. This project will remove flow from the Dorchester Pump Station and sewer outfall.					
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0
<b>Increase/(Decrease)</b>	<b>\$106</b>	<b>\$498</b>	<b>\$0</b>	<b>\$0</b>	<b>\$604</b>
% change	new	new	n/a	n/a	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$40	\$0	\$0	\$0	\$0	\$40	\$0	\$0	\$40
Land & ROW	40	0	0	0	0	40	0	0	40
Construction	0	400	0	0	0	400	0	0	400
Equipment	0	0	0	0	0	0	0	0	0
Administration	11	35	0	0	0	46	0	0	46
Inspection	0	18	0	0	0	18	0	0	18
Miscellaneous	15	5	0	0	0	20	0	0	20
Contingency	0	40	0	0	0	40	0	0	40
<b>Total Outlay</b>	<b>\$106</b>	<b>\$498</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$604</b>	<b>\$0</b>	<b>\$0</b>	<b>\$604</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	(30 Year)	\$106	\$498	\$0	\$0	\$0	\$604	\$0	\$0	\$604
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
Total County Funding		\$106	\$498	\$0	\$0	\$0	\$604	\$0	\$0	\$604
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$106</b>	<b>\$498</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$604</b>	<b>\$0</b>	<b>\$0</b>	<b>\$604</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	6.6	39.6	39.6	39.6	0.0	39.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$6.6</b>	<b>\$39.6</b>	<b>\$39.6</b>	<b>\$39.6</b>	<b>\$0.0</b>	<b>\$39.6</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**LOCATION:**  
Southwinds Pump Station

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Effluent PS Forcemain Improvements</b>	<b>Sewer User</b> Sewer Connection	55% 45%	<b>Requested By:</b> DPW <b>Project #:</b> 7117 <b>Goal:</b> 2			
<p>The existing isolation valve and flowmeter on the 48-inch diameter section of the effluent forcemain needs replacement. Project replacement of valve and flowmeter in addition to the construction of valving and piping to provide pump-around capabilities at the pump station.</p>						
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>						
	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>TOTAL</b>	<i>Construction costs are expected to be higher than preliminary estimates.</i>
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0	
<b>Increase/(Decrease)</b>	<b>\$1,253</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,253</b>	
% change	new	n/a	n/a	n/a	new	

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$250	\$0	\$250
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,125	0	0	0	0	1,125	1,475	0	2,600
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	0	0	0	0	15	15	0	30
Inspection	0	0	0	0	0	0	150	0	150
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	113	0	0	0	0	113	150	0	263
<b>Total Outlay</b>	<b>\$1,253</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,253</b>	<b>\$2,040</b>	<b>\$0</b>	<b>\$3,293</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)		\$1,065	\$0	\$0	\$0	\$0	\$1,065	\$1,734	\$0	\$2,799
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$1,065</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,065</b>	<b>\$1,734</b>	<b>\$0</b>	<b>\$2,799</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		188	0	0	0	0	188	306	0	494
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$1,253</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,253</b>	<b>\$2,040</b>	<b>\$0</b>	<b>\$3,293</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	99.1	165.6	165.6	165.6	165.6	99.1	165.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$99.1</b>	<b>\$165.6</b>	<b>\$165.6</b>	<b>\$165.6</b>	<b>\$165.6</b>	<b>\$99.1</b>	<b>\$165.6</b>
<b>Increase to Sewer User Fee:</b>	<b>2.6¢</b>	<b>3.5¢</b>	<b>3.4¢</b>	<b>3.2¢</b>	<b>3.2¢</b>	<b>2.6¢</b>	<b>3.1¢</b>

**LOCATION:**  
Mattawoman WWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> DPW
<b>Automation &amp; Technology Master Plan - Landfill</b>	<b>Project #:</b>
	<b>Goal: 3</b>
<p>This project request is the result of a study by Westin Engineering to determine the Information Technology needs of the Department of Public Works in order to bring it into the 21st century. The project will include emphasis on asset management, data management, work management, and performance management. The ultimate goal of this project is to allow the department to accomplish its functions even in periods of growth without adding field staff and to make more efficient use of the resources currently available. The project has been broken down into phases by division and functions, this project represent Phase IV – Landfill only.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$773
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$300	\$0	\$0	\$0	\$300	\$0	\$0	\$300
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	400	0	0	0	400	0	0	400
Administration	0	3	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	70	0	0	0	70	0	0	70
<b>Total Outlay</b>	<b>\$0</b>	<b>\$773</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$773</b>	<b>\$0</b>	<b>\$0</b>	<b>\$773</b>

FINANCING SOURCES									
Bonds (10 Year)	\$0	\$773	\$0	\$0	\$0	\$773	\$0	\$0	\$773
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$773	\$0	\$0	\$0	\$773	\$0	\$0	\$773
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$773</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$773</b>	<b>\$0</b>	<b>\$0</b>	<b>\$773</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	96.0	96.0	96.0	0.0	96.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$96.0</b>	<b>\$96.0</b>	<b>\$96.0</b>	<b>\$0.0</b>	<b>\$96.0</b>

Increase to Annual Tipping fee:	\$0.00	\$0.00	\$1.31	\$1.30	\$1.30	\$0.00	\$1.28
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<b>LOCATION:</b>
Charles County Landfill

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Landfill Leachate Conveyance System</b>	<b>Project #:</b>
	<b>Goal: 2</b>
<p>An analysis of the most effective means to dispose of the leachate from the landfill showed that a pump station to transmit the flow to the existing gravity sewer will decrease the operating costs by minimizing hauling of the leachate except for periods of high flows. This project is for the design and construction of a leachate conveyance system based on a study performed in 2013.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$2,198
<b>Increase/(Decrease)</b>	<b>\$0</b>
<b>% change</b>	<b>0.0%</b>

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$210	\$0	\$0	\$0	\$210	\$0	\$0	\$210
Land & ROW	0	20	0	0	0	20	0	0	20
Construction	0	0	788	787	0	1,575	0	0	1,575
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	14	44	43	0	101	0	0	101
Inspection	0	29	42	42	0	113	0	0	113
Miscellaneous	0	5	8	8	0	21	0	0	21
Contingency	0	0	79	79	0	158	0	0	158
<b>Total Outlay</b>	<b>\$0</b>	<b>\$278</b>	<b>\$961</b>	<b>\$959</b>	<b>\$0</b>	<b>\$2,198</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,198</b>

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
							Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	(30 Year)	\$0	\$278	\$961	\$959	\$0	\$2,198	\$0	\$0	\$2,198
Fund Balance	Appropriation	0	0	0	0	0	0	0	0	0
Operating	Transfer	0	0	0	0	0	0	0	0	0
Total	County Funding	\$0	\$278	\$961	\$959	\$0	\$2,198	\$0	\$0	\$2,198
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$278</b>	<b>\$961</b>	<b>\$959</b>	<b>\$0</b>	<b>\$2,198</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,198</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	(0.50)	(1.00)	0.00	(1.00)
Personnel Costs	0.0	0.0	0.0	(29.1)	(60.6)	0.0	(63.9)
Operating	0.0	0.0	0.0	(8.2)	(16.7)	0.0	(17.2)
<b>Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>(\$37.3)</b>	<b>(\$77.3)</b>	<b>\$0.0</b>	<b>(\$81.1)</b>
Debt Service: Bonds	0.0	0.0	16.4	76.4	139.9	0.0	131.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$16.4</b>	<b>\$39.1</b>	<b>\$62.6</b>	<b>\$0.0</b>	<b>\$50.8</b>
Increase to Annual Tipping fee:	\$0.00	\$0.00	\$0.22	\$0.53	\$0.84	\$0.00	\$0.68

<b>LOCATION:</b>
Charles County Landfill

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Landfill Leachate Pretreatment Facility</b>	<b>Project #: 8041</b>
	<b>Goal: 2</b>
<p>Upon completion of the Cells 2B/3B the expected leachate volume will exceed the current County ordinance requirements for industrial waste pretreatment. A pretreatment facility will be required to be constructed at the landfill to address the quality of effluent to be discharged to the County waste water system. This project will be for the design and construction of the pretreatment facility based on a study performed in 2013.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$2,968
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$250	\$0	\$250
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	2,500	0	0	0	0	2,500	0	0	2,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	125	0	0	0	0	125	25	0	150
Inspection	88	0	0	0	0	88	0	0	88
Miscellaneous	5	0	0	0	0	5	5	0	10
Contingency	250	0	0	0	0	250	0	0	250
<b>Total Outlay</b>	<b>\$2,968</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,968</b>	<b>\$280</b>	<b>\$0</b>	<b>\$3,248</b>

FINANCING SOURCES		FY 2016		FY 2017		FY 2018		FY 2019		FY 2020		5-Year	
												Total '16-'20	Approp. thru FY15
Bonds (15 Year)		\$2,968	\$0	\$0	\$0	\$0	\$0	\$2,968	\$280	\$0	\$3,248	\$2,968	\$280
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$2,968</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,968</b>	<b>\$280</b>	<b>\$0</b>	<b>\$3,248</b>	<b>\$2,968</b>	<b>\$280</b>
Federal		0	0	0	0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$2,968</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,968</b>	<b>\$280</b>	<b>\$0</b>	<b>\$3,248</b>	<b>\$2,968</b>	<b>\$280</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	31.2	31.8	32.5	33.1	0.0	34.1
<b>Operating</b>	<b>\$0.0</b>	<b>\$31.2</b>	<b>\$31.8</b>	<b>\$32.5</b>	<b>\$33.1</b>	<b>\$0.0</b>	<b>\$34.1</b>
Debt Service: Bonds	0.0	260.5	260.5	260.5	260.5	23.3	260.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$291.7</b>	<b>\$292.3</b>	<b>\$293.0</b>	<b>\$293.6</b>	<b>\$23.3</b>	<b>\$294.6</b>
Increase to Annual Tipping fee:	\$0.00	\$4.04	\$3.99	\$3.95	\$3.96	\$0.34	\$3.92

<b>LOCATION:</b>
Charles County Landfill

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Landfill Storm Water Management Ponds</b>	<b>Project #: 8042</b>
	<b>Goal: 2.1</b>
<p>Sediment basins were constructed to handle storm water run-off during initial construction of the landfill in 1990's. The basins were to be used in this capacity for no more than 3 years and then converted to storm water management ponds in accordance with MD-378 pond criteria. Charles County Stormwater Conservation District and the Maryland Department of the Environment's Dam Safety Division require that the ponds now be brought up to MD 378 criteria. This project is for the design and construction of the permanent storm water management ponds.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$1,155
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$95	\$0	\$95
Land & ROW	475	475	0	0	0	950	0	0	950
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	25	25	0	0	0	50	10	0	60
Inspection	25	25	0	0	0	50	0	0	50
Miscellaneous	5	5	0	0	0	10	5	0	15
Contingency	47	48	0	0	0	95	0	0	95
<b>Total Outlay</b>	<b>\$577</b>	<b>\$578</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,155</b>	<b>\$110</b>	<b>\$0</b>	<b>\$1,265</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$577	\$578	\$0	\$0	\$0	\$1,155	\$110	\$0	\$1,265
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$577	\$578	\$0	\$0	\$0	\$1,155	\$110	\$0	\$1,265
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$577</b>	<b>\$578</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,155</b>	<b>\$110</b>	<b>\$0</b>	<b>\$1,265</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond thru FY15 FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	50.6	103.2	103.2	103.2	9.1	103.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$50.6</b>	<b>\$103.2</b>	<b>\$103.2</b>	<b>\$103.2</b>	<b>\$9.1</b>	<b>\$103.2</b>
Increase to Annual Tipping fee:	\$0.00	\$0.70	\$1.41	\$1.39	\$1.39	\$0.13	\$1.37

<b>LOCATION:</b>
Charles County Landfill

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>NPDES Retrofit Projects</b>	<b>Project #:</b> 8019
	<b>Goal:</b> 2.1
<p>The project is based on the County's 2014 NPDES municipal stormwater permit requirement to assess the impervious surface, and commence and complete implementation of restoration efforts for twenty percent of the County's impervious surface that has not already been restored to the maximum extent practicable.</p> <p>Ongoing and potential project areas include Pinefield, Bryans Road, Holly Tree Lane, Acton-Hamilton, Fox Run, White Plains, Stavors Road, Tanglewood, Potomac Heights, Tenth District VFD, Port Tobacco Stream Restoration, Benedict Point, Department of Public Works Campus, Charles County Plaza, Post Office Lake, Wakefield Lake, Melwood, Bensville Park, Laurel Branch, Old Washington Road, and Waldorf Commercial Corridor. Additional projects will be identified by the impervious surface assessment, and the watershed assessments and restoration plans also required by the County's 2014 NPDES municipal stormwater permit.</p> <p>Restoration of untreated impervious surface can be done by new or upgraded stormwater quality facilities and practices, step pool storm conveyances, stream restoration, shoreline management, septic practices, impervious land use conversion, outfall stabilization, and routinely performed street and drainage cleaning practices, per State Guidance for NPDES Stormwater Permits, August 2014.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$13,947
<b>Increase/(Decrease)</b>	<b>\$29,519</b>
% change	211.7%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$770	\$770	\$770	\$770	\$770	\$3,850	\$270	\$200	\$4,320
Land & ROW	583	583	750	750	750	3,416	2,179	750	6,345
Construction	7,700	7,700	7,700	7,700	7,700	38,500	7,439	2,496	48,435
Equipment	0	0	0	0	0	0	0	0	0
Administration	530	530	530	530	530	2,650	438	172	3,260
Inspection	230	230	230	230	230	1,150	143	75	1,368
Miscellaneous	200	200	200	200	200	1,000	94	103	1,197
Contingency	770	770	770	770	770	3,850	898	34	4,782
<b>Total Outlay</b>	<b>\$10,783</b>	<b>\$10,783</b>	<b>\$10,950</b>	<b>\$10,950</b>	<b>\$10,950</b>	<b>\$54,416</b>	<b>\$11,460</b>	<b>\$3,830</b>	<b>\$69,706</b>

FINANCING SOURCES						5-Year			
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$10,783	\$10,783	\$10,950	\$10,950	\$10,950	\$54,416	\$11,460	\$3,830	\$69,706
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$10,783</b>	<b>\$10,783</b>	<b>\$10,950</b>	<b>\$10,950</b>	<b>\$10,950</b>	<b>\$54,416</b>	<b>\$11,460</b>	<b>\$3,830</b>	<b>\$69,706</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$10,783</b>	<b>\$10,783</b>	<b>\$10,950</b>	<b>\$10,950</b>	<b>\$10,950</b>	<b>\$54,416</b>	<b>\$11,460</b>	<b>\$3,830</b>	<b>\$69,706</b>

Operating Budget Impact						Approp. thru FY15		Beyond FY 2020	
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	673.7	1,387.2	2,153.1	2,961.5	953.0	3,482.5		
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$673.7</b>	<b>\$1,387.2</b>	<b>\$2,153.1</b>	<b>\$2,961.5</b>	<b>\$953.0</b>	<b>\$3,482.5</b>		
Increase to Annual WPRF fee:	\$0.00	\$13.30	\$27.02	\$41.40	\$56.94	\$19.52	\$66.10		

<b>LOCATION:</b>
Charles County Development District- see description

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Cobb Island Drainage Study</b>	<b>Project #:</b> 8043
	<b>Goal:</b> 2.1
<p>Conduct a preliminary drainage study to identify and rank drainage problems throughout Cobb Island. Much of Cobb Island was developed prior to Charles County's adoption of engineering standards associated with drainage (pipes, culverts, ditches, open channel, etc.) improvements. The Department of Planning and Growth Management and the Department of Public Works have received various drainage complaints throughout the years and are aware of the need for drainage improvements. The preliminary drainage study will also provide conceptual improvement scenarios and provide preliminary estimates of drainage improvement costs. These preliminary estimates of drainage improvement costs will then be used to establish budgets to complete the needed improvements.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$35
<b>Increase/(Decrease)</b>	<b>\$0</b>
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$25	\$0	\$0	\$0	\$0	\$25	\$50	\$0	\$75
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	5	0	0	0	0	5	5	0	10
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	5	0	0	0	0	5	5	0	10
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$35</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35</b>	<b>\$60</b>	<b>\$0</b>	<b>\$95</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	35	0	0	0	0	35	60	0	95
<b>Total County Funding</b>	<b>\$35</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35</b>	<b>\$60</b>	<b>\$0</b>	<b>\$95</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$35</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35</b>	<b>\$60</b>	<b>\$0</b>	<b>\$95</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

Increase to Annual WPRF fee:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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<b>LOCATION:</b>
Cobb Island

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2016

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By:</b> PGM
<b>Public Works Campus Stormwater Management Improvements</b>	<b>Project #:</b> 8055
	<b>Goal:</b> 2.1
<p>The County's 2014 NPDES municipal stormwater permit requires restoration for twenty percent of the County's impervious surface that has not already been restored to the maximum extent practicable. In an effort to comply with this mandate, the Department of Public Works managed a study to determine stormwater retrofits at their offices located on Radio Station Road in La Plata, MD. The study proposed numerous water quality measures to treat the complex's 29.5 impervious acres and remove 278.2 pounds of nitrogen, 82.6 pounds of phosphorus, and 13.7 tons of suspended sediment annually. The estimated construction cost of all the improvements is \$1,034,000, with an average cost per acre treated of \$35,000. The types of improvements include a wet pond retrofit, a bioretention basin, infiltration berms, a stream restoration project, and flow-through planters.</p>	
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>	
	<b>TOTAL</b>
Approved FY15-FY19 CIP	\$0
<b>Increase/(Decrease)</b>	<b>\$1,392</b>
% change	new

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$50	\$50	\$0	\$0	\$0	\$100	\$0	\$0	\$100
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	517	517	0	0	0	1,034	0	0	1,034
Equipment	0	0	0	0	0	0	0	0	0
Administration	46	46	0	0	0	92	0	0	92
Inspection	26	26	0	0	0	52	0	0	52
Miscellaneous	5	5	0	0	0	10	0	0	10
Contingency	52	52	0	0	0	104	0	0	104
<b>Total Outlay</b>	<b>\$696</b>	<b>\$696</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,392</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,392</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (30 Year)	\$696	\$696	\$0	\$0	\$0	\$1,392	\$0	\$0	\$1,392
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$696	\$696	\$0	\$0	\$0	\$1,392	\$0	\$0	\$1,392
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$696</b>	<b>\$696</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,392</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,392</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond thru FY15 FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	43.5	89.5	89.5	89.5	0.0	89.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$43.5</b>	<b>\$89.5</b>	<b>\$89.5</b>	<b>\$89.5</b>	<b>\$0.0</b>	<b>\$89.5</b>
Increase to Annual WPRF fee:	\$0.00	\$0.86	\$1.74	\$1.72	\$1.72	\$0.00	\$1.70

<b>LOCATION:</b>
La Plata MD

**APPROVED CAPITAL IMPROVEMENT PROGRAM**  
**FISCAL YEAR 2016**  
*(\$ in thousands)*

<b>PROJECT NAME:</b> <b>Pisgah Flare Station</b>	Requested By: DPW Project #: 8054 Goal: 2																								
Pisgah Flare Station Replacement - The existing units are 20+ years old and operate non-stop every day. Their useful life has been reached and require replacement to remain compliant with federal and state permits for methane destruction.																									
<b>VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:</b>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2016</th> <th style="text-align: center;">FY 2017</th> <th style="text-align: center;">FY 2018</th> <th style="text-align: center;">FY 2019</th> <th style="text-align: center;">TOTAL</th> </tr> </thead> <tbody> <tr> <td>Approved FY15-FY19 CIP</td> <td style="text-align: center;">\$0</td> </tr> <tr> <td><b>Increase/(Decrease)</b></td> <td style="text-align: center;"><b>\$78</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$78</b></td> </tr> <tr> <td>% change</td> <td style="text-align: center;">new</td> <td style="text-align: center;">n/a</td> <td style="text-align: center;">n/a</td> <td style="text-align: center;">n/a</td> <td style="text-align: center;">new</td> </tr> </tbody> </table>		FY 2016	FY 2017	FY 2018	FY 2019	TOTAL	Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0	<b>Increase/(Decrease)</b>	<b>\$78</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$78</b>	% change	new	n/a	n/a	n/a	new	
	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL																				
Approved FY15-FY19 CIP	\$0	\$0	\$0	\$0	\$0																				
<b>Increase/(Decrease)</b>	<b>\$78</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$78</b>																				
% change	new	n/a	n/a	n/a	new																				

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	75	0	0	0	0	75	0	0	75
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	0	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$78</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$78</b>	<b>\$0</b>	<b>\$0</b>	<b>\$78</b>

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$78	\$0	\$0	\$0	\$0	\$78	\$0	\$0	\$78
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$78	\$0	\$0	\$0	\$0	\$78	\$0	\$0	\$78
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$78</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$78</b>	<b>\$0</b>	<b>\$0</b>	<b>\$78</b>

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	6.8	6.8	6.8	6.8	0.0	7.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$6.8</b>	<b>\$6.8</b>	<b>\$6.8</b>	<b>\$6.8</b>	<b>\$0.0</b>	<b>\$7.6</b>

**LOCATION:**  
Pisgah