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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Existing Capacity 64%	Requested By: BOE
Dr. Samuel A. Mudd Elementary - Renovation	New Capacity 36%	Project #: 5139
<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 were approved in FY2016. State planning was received in FY2016. State and Local construction funding will be requested in FY2017 & FY2018.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$2,299	\$0	\$2,299
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	12,528	10,913	0	0	0	23,441	0	0	23,441
Equipment	0	1,068	0	0	0	1,068	0	0	1,068
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	1	1	0	0	0	2	2	0	4
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	80	0	0	0	0	80	0	0	80
Contingency	413	52	0	0	0	465	0	0	465
Total Outlay	\$13,022	\$12,034	\$0	\$0	\$0	\$25,056	\$2,301	\$0	\$27,357

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$4,250	\$3,617	\$0	\$0	\$0	\$7,867	\$1,461	\$0	\$9,328
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	2,390	2,035	0	0	0	4,425	840	0	5,265
Total County Funding	\$6,640	\$5,652	\$0	\$0	\$0	\$12,292	\$2,301	\$0	\$14,593
Federal	0	0	0	0	0	0	0	0	0
State	6,382	6,382	0	0	0	12,764	0	0	12,764
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$13,022	\$12,034	\$0	\$0	\$0	\$25,056	\$2,301	\$0	\$27,357

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	131.4	504.4	822.9	822.9	822.9	131.4	822.9
Debt Service: Excise Tax Bonds	103.6	402.3	657.3	657.3	657.3	103.6	657.3
Total Impact	\$235.0	\$906.6	\$1,480.1	\$1,480.1	\$1,480.1	\$235.0	\$1,480.1

LOCATION:
Dr. Samuel A. Mudd Elementary

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Elementary School #22	Existing Capacity New Capacity 100%	Requested By: BOE Project #: 5092
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$2,151	\$0	\$2,151
Land & ROW	0	0	0	0	0	0	1,639	0	1,639
Construction	13,146	12,430	4,109	0	0	29,685	300	0	29,985
Equipment	0	1,068	0	0	0	1,068	0	0	1,068
Administration	0	0	0	0	0	0	115	0	115
Administration - FAS	0	0	0	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	310	0	0	0	0	310	0	0	310
Contingency	413	442	0	0	0	855	0	0	855
Total Outlay	\$13,869	\$13,940	\$4,109	\$0	\$0	\$31,918	\$4,205	\$0	\$36,123

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	6,869	6,940	0	0	0	13,809	4,135	0	17,944
Total County Funding	\$6,869	\$6,940	\$0	\$0	\$0	\$13,809	\$4,205	\$0	\$18,014
Federal	0	0	0	0	0	0	0	0	0
State	7,000	7,000	4,109	0	0	18,109	0	0	18,109
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$13,869	\$13,940	\$4,109	\$0	\$0	\$31,918	\$4,205	\$0	\$36,123

Operating Budget Impact*	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
No. of Personnel	0.00	0.00	78.40	78.40	78.40	0.00	78.40
Personnel Costs	0.0	0.0	6,842.3	7,116.0	7,400.6	0.0	7,696.7
Operating	0.0	0.0	472.9	482.4	492.0	0.0	506.8
Start-Up Cost	0.0	0.0	2,154.6	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$9,469.8	\$7,598.4	\$7,892.6	\$0.0	\$8,203.5
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt Service: Excise Tax Bonds	509.8	1,368.3	2,237.9	2,237.9	2,237.9	509.8	2,237.9
Total Impact	\$509.8	\$1,368.3	\$11,707.7	\$9,836.3	\$10,130.5	\$509.8	\$10,441.4

* 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.

LOCATION: West of Route 301- tbd
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Existing Capacity 100%	Requested By: BOE
Full-Day Kindergarten Addition: Berry E.S.	New Capacity	Project #:
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$366	\$0	\$0	\$0	\$0	\$366	\$0	\$0	\$366
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	2,429	0	0	0	2,429	0	0	2,429
Equipment	0	135	0	0	0	135	0	0	135
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	1	1	0	0	0	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	50	0	0	0	50	0	0	50
Contingency	0	80	0	0	0	80	0	0	80
Total Outlay	\$367	\$2,695	\$0	\$0	\$0	\$3,062	\$0	\$0	\$3,062

FINANCING SOURCES										
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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
Fair Share Excise Tax Bonds	367	1,219	0	0	0	1,586	0	0	1,586	
Total County Funding	\$367	\$1,219	\$0	\$0	\$0	\$1,586	\$0	\$0	\$1,586	
Federal	0	0	0	0	0	0	0	0	0	0
State	0	1,476	0	0	0	1,476	0	0	1,476	
Other:	0	0	0	0	0	0	0	0	0	0
Total Funding	\$367	\$2,695	\$0	\$0	\$0	\$3,062	\$0	\$0	\$3,062	

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt Service: Excise Tax Bonds	0.0	45.9	198.6	198.6	198.6	0.0	198.6
Total Impact	\$0.0	\$45.9	\$198.6	\$198.6	\$198.6	\$0.0	\$198.6

LOCATION:
Berry Elementary School

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Existing Capacity 100%	Requested By: BOE
Full Day Kindergarten Addition: Craik E.S.	New Capacity	Project #:
<p>There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Dr. James Craik Elementary School in Pomfret. This school originally opened in 1974. Additional spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Craik currently houses four kindergarten classes and one pre-k class. An addition containing three kindergarten classrooms, one pre-kindergarten classroom, and an activity area is proposed. Additionally, there is one classroom in the existing building that will be renovated into a kindergarten classroom. 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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '17-'21			
Architectural & Engineering	\$449	\$0	\$0	\$0	\$0	\$449	\$0	\$0	\$449
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	3,504	0	0	0	3,504	0	0	3,504
Equipment	0	134	0	0	0	134	0	0	134
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	1	1	0	0	0	2	0	0	2
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	40	0	0	0	40	0	0	40
Contingency	0	85	0	0	0	85	0	0	85
Total Outlay	\$450	\$3,764	\$0	\$0	\$0	\$4,214	\$0	\$0	\$4,214

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	450	1,627	0	0	0	2,077	0	0	2,077
Total County Funding	\$450	\$1,627	\$0	\$0	\$0	\$2,077	\$0	\$0	\$2,077
Federal	0	0	0	0	0	0	0	0	0
State	0	2,137	0	0	0	2,137	0	0	2,137
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$450	\$3,764	\$0	\$0	\$0	\$4,214	\$0	\$0	\$4,214

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt Service: Excise Tax Bonds	0.0	56.2	260.1	260.1	260.1	0.0	260.1
Total Impact	\$0.0	\$56.2	\$260.1	\$260.1	\$260.1	\$0.0	\$260.1

LOCATION:
Dr. James Craik Elementary School

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Mary H. Matula E.S. Roof Replacement	Existing Capacity 100% New Capacity	Requested By: BOE Project #:
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$245	\$0	\$0	\$0	\$245	\$0	\$0	\$245
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	1,424	0	0	1,424	0	0	1,424
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	0	1	1	0	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	150	0	0	150	0	0	150
Total Outlay	\$0	\$246	\$1,575	\$0	\$0	\$1,821	\$0	\$0	\$1,821

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$246	\$642	\$0	\$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	\$246	\$642	\$0	\$0	\$888	\$0	\$0	\$888
Federal	0	0	0	0	0	0	0	0	0
State	0	0	933	0	0	933	0	0	933
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$246	\$1,575	\$0	\$0	\$1,821	\$0	\$0	\$1,821

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	21.7	78.2	78.2	0.0	78.2
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$21.7	\$78.2	\$78.2	\$0.0	\$78.2

LOCATION: Matula Elementary School
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Eva Turner Elementary School - Renovation & Study	Existing Capacity 71% New Capacity 29%	Requested By: BOE Project #: 5142
<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 an 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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '17-'21			
Architectural & Engineering	\$0	\$2,100	\$0	\$0	\$0	\$2,100	\$250	\$0	\$2,350
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	12,897	12,896	0	25,793	0	0	25,793
Equipment	0	0	0	1,068	0	1,068	0	0	1,068
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	0	1	1	1	0	3	1	0	4
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	310	0	0	310	0	0	310
Contingency	0	0	413	0	0	413	0	0	413
Total Outlay	\$0	\$2,101	\$13,621	\$13,965	\$0	\$29,687	\$251	\$0	\$29,938

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$1,492	\$3,308	\$3,552	\$0	\$8,352	\$178	\$0	\$8,530
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	0	609	3,950	4,050	0	8,609	73	0	8,682
Total County Funding	\$0	\$2,101	\$7,258	\$7,602	\$0	\$16,961	\$251	\$0	\$17,212
Federal	0	0	0	0	0	0	0	0	0
State	0	0	6,363	6,363	0	12,726	0	0	12,726
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$2,101	\$13,621	\$13,965	\$0	\$29,687	\$251	\$0	\$29,938

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	16.0	16.0	147.4	438.7	751.5	16.0	751.5
Debt Service: Excise Tax Bonds	9.0	9.0	85.3	580.3	1,087.7	9.0	1,087.7
Total Impact	\$25.0	\$25.0	\$232.7	\$1,018.9	\$1,839.2	\$25.0	\$1,839.2

LOCATION: Eva Turner Elementary School
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Benjamin Stoddert Middle School - Renovation & Study	Existing Capacity 41% New Capacity 59%	Requested By: BOE Project #: 5143
<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.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$3,000	\$0	\$0	\$0	\$3,000	\$300	\$0	\$3,300
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	16,200	16,200	0	32,400	0	0	32,400
Equipment	0	0	0	1,875	0	1,875	0	0	1,875
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	0	1	1	1	0	3	1	0	4
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	310	0	0	310	0	0	310
Contingency	0	0	413	0	0	413	0	0	413
Total Outlay	\$0	\$3,001	\$16,924	\$18,076	\$0	\$38,001	\$301	\$0	\$38,302

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$2,131	\$426	\$1,244	\$0	\$3,801	\$123	\$0	\$3,924
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	870	4,908	5,242	0	11,020	178	0	11,198
Total County Funding	\$0	\$3,001	\$5,334	\$6,486	\$0	\$14,821	\$301	\$0	\$15,122
Federal	0	0	0	0	0	0	0	0	0
State	0	0	11,590	11,590	0	23,180	0	0	23,180
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$3,001	\$16,924	\$18,076	\$0	\$38,001	\$301	\$0	\$38,302

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	11.1	11.1	198.7	236.2	345.8	11.1	345.8
Debt Service: Excise Tax Bonds	21.9	21.9	131.0	745.9	1,402.7	21.9	1,402.7
Total Impact	\$33.0	\$33.0	\$329.7	\$982.1	\$1,748.5	\$33.0	\$1,748.5

LOCATION: Benjamin Stoddert Middle School

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Existing Capacity 100%	Requested By: BOE
McDonough High School Renovation	New Capacity	Project #: 5144
Study / Phase 1 Renovations		
<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.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$700	\$0	\$0	\$0	\$700	\$400	\$0	\$1,100
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	4,450	0	0	4,450	0	0	4,450
Equipment	0	0	150	0	0	150	0	0	150
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	0	0	1	0	0	1	1	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	100	0	0	100	0	0	100
Total Outlay	\$0	\$700	\$4,751	\$0	\$0	\$5,451	\$401	\$0	\$5,852

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$700	\$1,895	\$0	\$0	\$2,595	\$401	\$0	\$2,996
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	\$700	\$1,895	\$0	\$0	\$2,595	\$401	\$0	\$2,996
Federal	0	0	0	0	0	0	0	0	0
State	0	0	2,856	0	0	2,856	0	0	2,856
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$700	\$4,751	\$0	\$0	\$5,451	\$401	\$0	\$5,852

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	36.1	36.1	97.7	264.6	264.6	36.1	264.6
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$36.1	\$36.1	\$97.7	\$264.6	\$264.6	\$36.1	\$264.6

LOCATION:
McDonough High School

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Westlake H.S. Roof Replacement	Existing Capacity 100% New Capacity	Requested By: BOE Project #:
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$392	\$0	\$0	\$392	\$0	\$0	\$392
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	2,749	0	2,749	0	0	2,749
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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	200	0	200	0	0	200
Total Outlay	\$0	\$0	\$393	\$2,950	\$0	\$3,343	\$0	\$0	\$3,343

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$0	\$393	\$1,202	\$0	\$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	\$393	\$1,202	\$0	\$1,595	\$0	\$0	\$1,595
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	1,748	0	1,748	0	0	1,748
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$393	\$2,950	\$0	\$3,343	\$0	\$0	\$3,343

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	34.6	140.5	0.0	140.5
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$34.6	\$140.5	\$0.0	\$140.5

LOCATION:	Westlake High School
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Indian Head E.S. Boiler Replacement	Existing Capacity 100% New Capacity	Requested By: BOE Project #:
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$128	\$0	\$0	\$128	\$0	\$0	\$128
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	1,096	0	1,096	0	0	1,096
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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	100	0	100	0	0	100
Total Outlay	\$0	\$0	\$129	\$1,197	\$0	\$1,326	\$0	\$0	\$1,326

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$0	\$129	\$489	\$0	\$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	\$129	\$489	\$0	\$618	\$0	\$0	\$618
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	708	0	708	0	0	708
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$129	\$1,197	\$0	\$1,326	\$0	\$0	\$1,326

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	11.4	54.4	0.0	54.4
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$11.4	\$54.4	\$0.0	\$54.4

LOCATION:	Indian Head Elementary School
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Smallwood M.S. Roof/Chiller/H&V/UV Replacement	Existing Capacity 100% New Capacity	Requested By: BOE Project #:
<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, & convention units have been replaced as part of the FY 2013 & 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 are 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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$477	\$0	\$0	\$477	\$0	\$0	\$477
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	3,649	0	3,649	0	0	3,649
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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	300	0	300	0	0	300
Total Outlay	\$0	\$0	\$478	\$3,950	\$0	\$4,428	\$0	\$0	\$4,428

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$0	\$478	\$1,587	\$0	\$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	\$478	\$1,587	\$0	\$2,065	\$0	\$0	\$2,065
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	2,363	0	2,363	0	0	2,363
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$478	\$3,950	\$0	\$4,428	\$0	\$0	\$4,428

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	42.1	181.9	0.0	181.9
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$42.1	\$181.9	\$0.0	\$181.9

LOCATION: General Smallwood Middle School

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Existing Capacity 100%	Requested By: BOE
Elementary Schools - Playground Replacement	New Capacity	Project #: 5135
Program - Various Locations		
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$25	\$25	\$25	\$25	\$0	\$100	\$25	\$0	\$125
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	240	240	240	240	0	960	240	0	1,200
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$266	\$266	\$266	\$266	\$0	\$1,064	\$266	\$0	\$1,330

FINANCING SOURCES									
Bonds	\$266	\$266	\$266	\$266	\$0	\$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
Total County Funding	\$266	\$266	\$266	\$266	\$0	\$1,064	\$266	\$0	\$1,330
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
Total Funding	\$266	\$266	\$266	\$266	\$0	\$1,064	\$266	\$0	\$1,330

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	23.9	47.3	70.7	94.1	117.5	23.9	117.5
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$23.9	\$47.3	\$70.7	\$94.1	\$117.5	\$23.9	\$117.5

LOCATION:
Various schools throughout the County

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Existing Capacity 100%	Requested By: BOE
Site Improvements/Asphalt Replacement Program	New Capacity	Project #: 5136
Various Locations		
This project is a multi-year program for site improvements and asphalt paving replacement at various schools throughout the County.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$140	\$140	\$80	\$0	\$0	\$360	\$290	\$0	\$650
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,275	1,275	1,000	0	0	3,550	2,495	0	6,045
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	1	1	1	0	0	3	2	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
Total Outlay	\$1,416	\$1,416	\$1,081	\$0	\$0	\$3,913	\$2,787	\$0	\$6,700

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Bonds	\$1,416	\$1,416	\$1,081	\$0	\$0	\$3,913	\$2,787	\$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
Total County Funding	\$1,416	\$1,416	\$1,081	\$0	\$0	\$3,913	\$2,787	\$0	\$6,700
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
Total Funding	\$1,416	\$1,416	\$1,081	\$0	\$0	\$3,913	\$2,787	\$0	\$6,700

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0						
Debt Service: Bonds	250.7	374.9	499.6	594.8	594.8	250.7	594.8
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$250.7	\$374.9	\$499.6	\$594.8	\$594.8	\$250.7	\$594.8

LOCATION:
Various schools throughout the County

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: BOE: Various Maintenance Projects	Existing Capacity New Capacity	Requested By: BOE Project #: 5145
<p>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.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$600	\$600	\$600	\$600	\$600	\$3,000	\$600	\$600	\$4,200

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	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
Total County Funding	\$600	\$600	\$600	\$600	\$600	\$3,000	\$600	\$600	\$4,200
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
Total Funding	\$600	\$600	\$600	\$600	\$600	\$3,000	\$600	\$600	\$4,200

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	54.0	106.6	159.5	212.3	265.1	54.0	370.8
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$54.0	\$106.6	\$159.5	\$212.3	\$265.1	\$54.0	\$370.8

LOCATION: Various schools throughout the County

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Existing Capacity 100%	Requested By: BOE
Local Portable Classrooms - Various Schools	New Capacity	Project #: 5146
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	280	280	280	280	280	1,400	1,277	280	2,957
Equipment	32	32	32	32	32	160	32	32	224
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$388	\$388	\$388	\$388	\$388	\$1,940	\$1,385	\$388	\$3,713

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$388	\$388	\$388	\$388	\$388	\$1,940	\$997	\$388	\$3,325
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	388	0	388
Fair Share Excise Tax Bonds	0	0	0	0	0	0	0	0	0
Total County Funding	\$388	\$388	\$388	\$388	\$388	\$1,940	\$1,385	\$388	\$3,713
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
Total Funding	\$388	\$388	\$388	\$388	\$388	\$1,940	\$1,385	\$388	\$3,713

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	89.7	123.7	157.9	192.1	226.2	89.7	294.6
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$89.7	\$123.7	\$157.9	\$192.1	\$226.2	\$89.7	\$294.6

LOCATION:
Various schools

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Elementary School - Site Acquisition	Existing Capacity 100% New Capacity	Requested By: BOE Project #:
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$0	\$3,001	\$0	\$0	\$0	\$3,001	\$0	\$0	\$3,001

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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
Total Funding	\$0	\$3,001	\$0	\$0	\$0	\$3,001	\$0	\$0	\$3,001

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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	376.0	376.0	376.0	0.0	376.0
Total Impact	\$0.0	\$0.0	\$376.0	\$376.0	\$376.0	\$0.0	\$376.0

LOCATION:
Site to be determined

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Existing Capacity 100%	Requested By: BOE
Middle School - Site Acquisition	New Capacity	Project #:
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	4,000	0	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	0	0	0	0	0	0
Administration - FAS	0	0	1	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
Total Outlay	\$0	\$0	\$4,001	\$0	\$0	\$4,001	\$0	\$0	\$4,001

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	4,001	0	0	4,001	0	0	4,001
Total County Funding	\$0	\$0	\$4,001	\$0	\$0	\$4,001	\$0	\$0	\$4,001
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
Total Funding	\$0	\$0	\$4,001	\$0	\$0	\$4,001	\$0	\$0	\$4,001

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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	501.3	501.3	0.0	501.3
Total Impact	\$0.0	\$0.0	\$0.0	\$501.3	\$501.3	\$0.0	\$501.3

LOCATION:
Site to be determined

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Matthew Henson M.S. Water Line	Existing Capacity 100% New Capacity	Requested By: BOE Project #:
<p>The need is for the extension of County water to the school at Matthew Henson Middle School, which is located in the Bryans Road area. The County extended the a water main past the school as part of the development of the business park across from Maryland Airport. Matthew Henson MS is currently served by a well that is from 1955 and the adjacent school experienced several well problems last year. The water connection will also result in improved fire protection for the building. Funding will be requested in FY 2019.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '17-'21			
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	377	0	0	377	0	0	377
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	0	0	1	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
Total Outlay	\$0	\$0	\$378	\$0	\$0	\$378	\$0	\$0	\$378

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$0	\$378	\$0	\$0	\$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	\$378	\$0	\$0	\$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
Total Funding	\$0	\$0	\$378	\$0	\$0	\$378	\$0	\$0	\$378

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	33.3	33.3	0.0	33.3
Debt Service: Excise Tax Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$33.3	\$33.3	\$0.0	\$33.3

LOCATION:
Matthew Henson Middle School

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:

Healthcare Training Facility

Requested By: CSM

Project #:

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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$1,976	\$0	\$0	\$0	\$0	\$1,976	\$0	\$0	\$1,976
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	21,326	0	0	0	21,326	0	0	21,326
Equipment	0	0	4,000	0	0	4,000	0	0	4,000
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	1	1	1	0	0	3	0	0	3
Inspection	0	460	0	0	0	460	0	0	460
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	1,045	0	0	0	1,045	0	0	1,045
Total Outlay	\$1,977	\$22,832	\$4,001	\$0	\$0	\$28,810	\$0	\$0	\$28,810

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$495	\$5,708	\$1,001	\$0	\$0	\$7,204	\$0	\$0	\$7,204
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	\$495	\$5,708	\$1,001	\$0	\$0	\$7,204	\$0	\$0	\$7,204
Federal	0	0	0	0	0	0	0	0	0
State	1,482	17,124	3,000	0	0	21,606	0	0	21,606
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$1,977	\$22,832	\$4,001	\$0	\$0	\$28,810	\$0	\$0	\$28,810

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond thru FY16 FY 2021	
No. of Personnel	0.00	0.00	5.00	5.00	5.00	0.00	5.00
Personnel Costs	0.0	0.0	273.7	283.9	283.9	0.0	273.7
Operating	0.0	0.0	469.7	487.4	487.4	0.0	483.0
Start-Up Cost	0.0	0.0	250.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$993.4	\$771.3	\$771.3	\$0.0	\$756.7
Debt Service: Bonds	0.0	43.4	546.1	634.3	634.3	0.0	634.3
Total Impact	\$0.0	\$43.4	\$1,539.5	\$1,405.6	\$1,405.6	\$0.0	\$1,391.0

LOCATION:

Regional Campus

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME: Rural Legacy Program	Requested By: PGM Project #: 3222
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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$1,509	\$1,509	\$1,509	\$1,509	\$1,509	\$7,545	\$0	\$1,509	\$9,054

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$509	\$509	\$509	\$509	\$509	\$2,545	\$0	\$509	\$3,054
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	\$509	\$3,054
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
Total Funding	\$1,509	\$1,509	\$1,509	\$1,509	\$1,509	\$7,545	\$0	\$1,509	\$9,054

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	44.7	89.5	134.3	179.1	268.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$44.7	\$89.5	\$134.3	\$179.1	\$268.8

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 2017
(\$ in thousands)**

PROJECT NAME: Agricultural Preservation	Requested By: PGM Project #: 3223
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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$503	\$503	\$503	\$503	\$503	\$2,515	\$0	\$503	\$3,018

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$503	\$503	\$503	\$503	\$503	\$2,515	\$0	\$503	\$3,018
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	\$503	\$503	\$503	\$503	\$503	\$2,515	\$0	\$503	\$3,018
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
Total Funding	\$503	\$503	\$503	\$503	\$503	\$2,515	\$0	\$503	\$3,018
<i>State will match \$1.50 for every \$1 of County funds:</i>	<i>\$755</i>	<i>\$755</i>	<i>\$755</i>	<i>\$755</i>	<i>\$755</i>	<i>\$3,773</i>			

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	44.1	88.4	132.7	177.0	265.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$44.1	\$88.4	\$132.7	\$177.0	\$265.6

LOCATION:
Primarily for agricultural and forestry lands with productive soils within rural areas of the County.

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Purchase of Developments Rights (PDR) Program	Project #: 3182
<p>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.</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	300	600	675	750	750	3,075	692	750	4,517
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	15	0	15
Administration - FAS	3	3	3	3	3	15	6	3	24
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
Total Outlay	\$303	\$603	\$678	\$753	\$753	\$3,090	\$715	\$753	\$4,558

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$303	\$603	\$678	\$753	\$753	\$3,090	\$715	\$753	\$4,558
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	\$303	\$603	\$678	\$753	\$753	\$3,090	\$715	\$753	\$4,558
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
Total Funding	\$303	\$603	\$678	\$753	\$753	\$3,090	\$715	\$753	\$4,558

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	64.3	90.9	144.0	203.7	270.0	64.3	402.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$64.3	\$90.9	\$144.0	\$203.7	\$270.0	\$64.3	\$402.6

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

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME: Various Maintenance Projects	Requested By: DPW Project #: 3224
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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	350	375	375	375	1,650	0	375	2,025
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	3	3	3	3	3	15	0	3	18
Inspection	20	40	40	40	40	180	0	40	220
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$198	\$393	\$418	\$418	\$418	\$1,845	\$0	\$418	\$2,263

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$198	\$393	\$418	\$418	\$418	\$1,845	\$0	\$418	\$2,263
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	\$198	\$393	\$418	\$418	\$418	\$1,845	\$0	\$418	\$2,263
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
Total Funding	\$198	\$393	\$418	\$418	\$418	\$1,845	\$0	\$418	\$2,263

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	17.4	52.0	88.8	125.6	199.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$17.4	\$52.0	\$88.8	\$125.6	\$199.2

LOCATION: Various County Facilities

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Various Planning and Growth Management Studies	Project #: 3225
1.) Maryland Geological Survey groundwater monitoring - required. 2.) Cultural Historic Resource Studies. 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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$125	\$195	\$195	\$125	\$80	\$720	\$0	\$80	\$800
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	8	8	8	2	2	28	0	2	30
Administration - FAS	3	3	3	3	3	15	0	3	18
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
Total Outlay	\$141	\$211	\$211	\$135	\$90	\$788	\$0	\$90	\$878

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	211	211	135	90	788	0	90	878
Total County Funding	\$141	\$211	\$211	\$135	\$90	\$788	\$0	\$90	\$878
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
Total Funding	\$141	\$211	\$211	\$135	\$90	\$788	\$0	\$90	\$878

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

LOCATION:
 Various areas throughout Charles County.

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME: Lighting Retrofit	Requested By: DPW Project #: 3195
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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	6	13	13	6	0	38	26	0	64
Equipment	41	82	82	41	0	246	164	0	410
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	3	3	3	3	0	12	6	0	18
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	3	8	8	3	0	22	16	0	38
Total Outlay	\$53	\$106	\$106	\$53	\$0	\$318	\$212	\$0	\$530

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$53	\$106	\$106	\$53	\$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
Total County Funding	\$53	\$106	\$106	\$53	\$0	\$318	\$212	\$0	\$530
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
Total Funding	\$53	\$106	\$106	\$53	\$0	\$318	\$212	\$0	\$530

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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	(3.7)	(3.8)	(3.9)	(3.9)	0.0	(4.1)
Total Operating	\$0.0	(\$3.7)	(\$3.8)	(\$3.9)	(\$3.9)	\$0.0	(\$4.1)
Debt Service: Bonds	19.1	23.7	33.1	42.4	47.1	19.1	47.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$19.1	\$20.0	\$29.3	\$38.5	\$43.2	\$19.1	\$43.0

LOCATION: Various County Facilities

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:

Courthouse Renovation

Requested By: DPW

Project #: 3165

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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '17-'21			
Architectural & Engineering	\$0	\$0	\$10	\$10	\$0	\$20	\$0	\$0	\$20
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	100	100	60	60	0	320	608	0	928
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	3	3	3	3	0	12	9	0	21
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	6	6	0	12	0	0	12
Total Outlay	\$103	\$103	\$79	\$79	\$0	\$364	\$617	\$0	\$981

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$103	\$103	\$79	\$79	\$0	\$364	\$537	\$0	\$901
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	\$103	\$103	\$79	\$79	\$0	\$364	\$617	\$0	\$981
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
Total Funding	\$103	\$103	\$79	\$79	\$0	\$364	\$617	\$0	\$981

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	48.3	57.3	66.4	73.4	80.3	48.3	80.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$48.3	\$57.3	\$66.4	\$73.4	\$80.3	\$48.3	\$80.3

LOCATION:

Charles County Courthouse; La Plata, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME: Engineering Plan Digitization	Requested By: DPW Project #: 3187
Update and digitize existing engineering plans for buildings. This is to be phased in and ongoing to maintain records.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$30	\$30	\$0	\$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	0	0	0	0	0	0	0
Administration - FAS	0	3	3	0	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
Total Outlay	\$0	\$33	\$33	\$0	\$0	\$66	\$109	\$0	\$175

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	33	33	0	0	66	109	0	175
Total County Funding	\$0	\$33	\$33	\$0	\$0	\$66	\$109	\$0	\$175
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
Total Funding	\$0	\$33	\$33	\$0	\$0	\$66	\$109	\$0	\$175

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

LOCATION:
N/A

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME: Sheriff's Office Improvements	Requested By: DPW Project #: 3197
Upgrade existing infrastructure to include the following: Sheriff's Headquarters Renovation - \$20K, Sheriff's Annex Freight Elevator - \$100K (Quartermaster Building).	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$5	\$0	\$0	\$0	\$5	\$0	\$0	\$5
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	120	0	0	0	120	0	0	120
Equipment	0	0	0	0	0	0	353	0	353
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	0	3	0	0	0	3	3	0	6
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	5	0	0	0	5	5	0	10
Contingency	0	12	0	0	0	12	35	0	47
Total Outlay	\$0	\$145	\$0	\$0	\$0	\$145	\$396	\$0	\$541

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$145	\$0	\$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
Total County Funding	\$0	\$145	\$0	\$0	\$0	\$145	\$396	\$0	\$541
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
Total Funding	\$0	\$145	\$0	\$0	\$0	\$145	\$396	\$0	\$541

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	35.6	35.6	48.4	48.4	48.4	35.6	48.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$35.6	\$35.6	\$48.4	\$48.4	\$48.4	\$35.6	\$48.4

LOCATION: Sheriff's Department facilities

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: DPW
Robert J. Fuller Transitional Home Improvements	Project #:
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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	70	0	0	0	70	0	0	70
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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	7	0	0	0	7	0	0	7
Total Outlay	\$0	\$80	\$0	\$0	\$0	\$80	\$0	\$0	\$80

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$60	\$0	\$0	\$0	\$60	\$0	\$0	\$60
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	20	0	0	0	20	0	0	20
Total County Funding	\$0	\$80	\$0	\$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
Total Funding	\$0	\$80	\$0	\$0	\$0	\$80	\$0	\$0	\$80

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	5.3	5.3	5.3	5.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$5.3	\$5.3	\$5.3	\$5.3

LOCATION:
Robert J. Fuller Transitional Home, Waldorf

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME: Generator Replacement Program	Requested By: DPW Project #: 3208
Replace aging generators at various facilities that have exceeded their life cycle, have high repairs costs and/or are deemed unreliable.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total 15-'19	Approp. thru FY16	Beyond FY 2021	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	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$0	\$113	\$113	\$113	\$113	\$452	\$153	\$0	\$605

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total 15-'19	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$113	\$113	\$113	\$113	\$452	\$153	\$0	\$605
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	\$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
Total Funding	\$0	\$113	\$113	\$113	\$113	\$452	\$153	\$0	\$605

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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	(1.0)	(2.1)	(3.2)	(4.4)	(4.5)	0.0	(4.6)
Total Operating	(\$1.0)	(\$2.1)	(\$3.2)	(\$4.4)	(\$4.5)	\$0.0	(\$4.6)
Debt Service: Bonds	13.8	13.8	23.7	33.7	43.6	13.8	53.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$12.8	\$11.7	\$20.5	\$29.3	\$39.1	\$13.8	\$49.0

LOCATION: Various County facilities

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Develop Road Safety Prioritization Measure & Inventory	Project #: 3210
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total 15-'19	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$10	\$10	\$0	\$0	\$20	\$40	\$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	0	1	1	0	0	2	4	0	6
Administration - FAS	0	3	3	0	0	6	6	0	12
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	3	3	0	0	6	6	0	12
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$17	\$17	\$0	\$0	\$34	\$56	\$0	\$90

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total 15-'19	Approp. thru FY16	Beyond FY 2021	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	17	17	0	0	34	56	0	90
Total County Funding	\$0	\$17	\$17	\$0	\$0	\$34	\$56	\$0	\$90
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
Total Funding	\$0	\$17	\$17	\$0	\$0	\$34	\$56	\$0	\$90

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

LOCATION:
N/A

**APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)**

PROJECT NAME: WURC Implementation Studies	Requested By: PGM Project #: 3213
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$77	\$77	\$77	\$77	\$308	\$184	\$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	0	3	3	3	3	12	6	3	21
Administration - FAS	0	3	3	3	3	12	6	3	21
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	8	8	8	8	32	16	8	56
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$91	\$91	\$91	\$91	\$364	\$212	\$91	\$667

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	91	91	91	91	364	212	0	576
Total County Funding	\$0	\$91	\$91	\$91	\$91	\$364	\$212	\$91	\$667
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
Total Funding	\$0	\$91	\$91	\$91	\$91	\$364	\$212	\$91	\$667

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	8.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$8.0

LOCATION: Waldorf, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: DPW
Uninterrupted Power Supply (UPS) Replacement Program	Project #:
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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	50	50	50	0	150	0	0	150
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	0	3	3	3	0	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	5	5	5	0	15	0	0	15
Total Outlay	\$0	\$58	\$58	\$58	\$0	\$174	\$0	\$0	\$174

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$58	\$58	\$58	\$0	\$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
Total County Funding	\$0	\$58	\$58	\$58	\$0	\$174	\$0	\$0	\$174
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
Total Funding	\$0	\$58	\$58	\$58	\$0	\$174	\$0	\$0	\$174

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	5.1	10.2	15.3	15.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$5.1	\$10.2	\$15.3	\$15.3

LOCATION:
Various County facilities

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: DPW
Automation & Technology Master Plan- Facilities	Project #: 3177
<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 & Trades (approved), Phase II – Roads (approved), Phase III – Landfill which will be funded through the Solid Waste Fund, Phase IV – Parks & Grounds.</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$70	\$0	\$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	225	0	0	0	225	450	0	675
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	0	3	0	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	30	0	0	0	30	82	0	112
Total Outlay	\$0	\$328	\$0	\$0	\$0	\$328	\$988	\$0	\$1,316

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$328	\$0	\$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
Total County Funding	\$0	\$328	\$0	\$0	\$0	\$328	\$988	\$0	\$1,316
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
Total Funding	\$0	\$328	\$0	\$0	\$0	\$328	\$988	\$0	\$1,316

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	88.9	88.9	117.7	117.7	117.7	88.9	117.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$88.9	\$88.9	\$117.7	\$117.7	\$117.7	\$88.9	\$117.7

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

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:

Countywide Building Re-Keying

Requested By: DPW

Project #:

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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '17-'21			
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	40	0	0	40	0	0	40
Equipment	0	0	100	0	0	100	0	0	100
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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	14	0	0	14	0	0	14
Total Outlay	\$0	\$0	\$157	\$0	\$0	\$157	\$0	\$0	\$157

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$0	\$157	\$0	\$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
Total County Funding	\$0	\$0	\$157	\$0	\$0	\$157	\$0	\$0	\$157
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
Total Funding	\$0	\$0	\$157	\$0	\$0	\$157	\$0	\$0	\$157

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	13.8	13.8	13.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$13.8	\$13.8	\$13.8

LOCATION:

Various County Buildings

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Health Department Roof Replacement	Project #: 3218
<p>A condition assessment report for the Health Department's roof was completed in February, 2014. Based on the findings of the evaluation, additional options were desired. A revised conditions assessment is underway with the anticipation of a total roof replacement which will increase project costs. A new roof will offer a better long term benefit.</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$170	\$0	\$170
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	2,000	0	0	0	0	2,000	0	0	2,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	100	0	0	0	0	100	8	0	108
Administration - FAS	3	0	0	0	0	3	3	0	6
Inspection	50	0	0	0	0	50	0	0	50
Miscellaneous	5	0	0	0	0	5	5	0	10
Contingency	150	0	0	0	0	150	0	0	150
Total Outlay	\$2,308	\$0	\$0	\$0	\$0	\$2,308	\$186	\$0	\$2,494

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$2,308	\$0	\$0	\$0	\$0	\$2,308	\$186	\$0	\$2,494
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	\$2,308	\$0	\$0	\$0	\$0	\$2,308	\$186	\$0	\$2,494
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
Total Funding	\$2,308	\$0	\$0	\$0	\$0	\$2,308	\$186	\$0	\$2,494

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	16.7	219.3	219.3	219.3	219.3	16.7	219.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$16.7	\$219.3	\$219.3	\$219.3	\$219.3	\$16.7	\$219.3

LOCATION:
White Plains, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME: Charles County Courthouse HVAC Improvements	Requested By: PGM Project #:
<p>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.</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$220	\$0	\$0	\$0	\$220	\$0	\$0	\$220
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	1,100	1,100	0	2,200	0	0	2,200
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	11	52	52	0	115	0	0	115
Administration - FAS	0	3	3	3	0	9	0	0	9
Inspection	0	0	26	25	0	51	0	0	51
Miscellaneous	0	5	10	10	0	25	0	0	25
Contingency	0	0	110	110	0	220	0	0	220
Total Outlay	\$0	\$239	\$1,301	\$1,300	\$0	\$2,840	\$0	\$0	\$2,840

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$239	\$1,301	\$1,300	\$0	\$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
Total County Funding	\$0	\$239	\$1,301	\$1,300	\$0	\$2,840	\$0	\$0	\$2,840
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
Total Funding	\$0	\$239	\$1,301	\$1,300	\$0	\$2,840	\$0	\$0	\$2,840

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	21.0	135.6	250.1	0.0	250.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$21.0	\$135.6	\$250.1	\$0.0	\$250.1

LOCATION: La Plata, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Government Building Water Infiltration Improvements Phase I	Project #:
<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. The entire building was constructed at the same time and is subject to the same deterioration in other areas. This is a relatively unknown as to what may be encountered when the repair process begins which could escalate the costs of this project.</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$14	\$0	\$0	\$0	\$14	\$0	\$0	\$14
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	137	0	0	0	137	0	0	137
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	5	0	0	0	5	0	0	5
Administration - FAS	0	3	0	0	0	3	0	0	3
Inspection	0	15	0	0	0	15	0	0	15
Miscellaneous	0	2	0	0	0	2	0	0	2
Contingency	0	14	0	0	0	14	0	0	14
Total Outlay	\$0	\$190	\$0	\$0	\$0	\$190	\$0	\$0	\$190

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$190	\$0	\$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	\$190	\$0	\$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
Total Funding	\$0	\$190	\$0	\$0	\$0	\$190	\$0	\$0	\$190

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	16.7	16.7	16.7	16.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$16.7	\$16.7	\$16.7	\$16.7

LOCATION:
La Plata, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Detention Center Roof Replacement	Project #:
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$190	\$0	\$0	\$0	\$190	\$0	\$0	\$190
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	950	950	0	0	1,900	0	0	1,900
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	54	45	0	0	99	0	0	99
Administration - FAS	0	3	3	0	0	6	0	0	6
Inspection	0	24	24	0	0	48	0	0	48
Miscellaneous	0	11	10	0	0	21	0	0	21
Contingency	0	114	95	0	0	209	0	0	209
Total Outlay	\$0	\$1,346	\$1,126	\$0	\$0	\$2,472	\$0	\$0	\$2,472

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$1,346	\$1,126	\$0	\$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
Total County Funding	\$0	\$1,346	\$1,126	\$0	\$0	\$2,472	\$0	\$0	\$2,472
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
Total Funding	\$0	\$1,346	\$1,126	\$0	\$0	\$2,472	\$0	\$0	\$2,472

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	118.5	217.7	217.7	217.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$118.5	\$217.7	\$217.7	\$217.7

LOCATION:
La Plata, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Detention Center Annex Roof and Walls Improvements	Project #:
<p>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.</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$67	\$0	\$0	\$0	\$67	\$0	\$0	\$67
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	335	335	0	0	670	0	0	670
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	17	14	0	0	31	0	0	31
Administration - FAS	0	3	3	0	0	6	0	0	6
Inspection	0	10	8	0	0	18	0	0	18
Miscellaneous	0	4	3	0	0	7	0	0	7
Contingency	0	34	34	0	0	68	0	0	68
Total Outlay	\$0	\$470	\$397	\$0	\$0	\$867	\$0	\$0	\$867

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$470	\$397	\$0	\$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	\$470	\$397	\$0	\$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
Total Funding	\$0	\$470	\$397	\$0	\$0	\$867	\$0	\$0	\$867

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	41.4	76.4	76.4	76.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$41.4	\$76.4	\$76.4	\$76.4

LOCATION:
La Plata, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: DPW
Detention Center and Detention Center Annex Improvements	Project #:
Project consists for various improvements to include, flooring repairs, rebuild gating system, add personnel gate, intercom system replacement, upgrade sprinkler system, install hand rails, kitchen upgrades for Health Department compliance and various A&E studies for compliance issues.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$33	\$3	\$0	\$0	\$36	\$0	\$0	\$36
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	341	75	0	0	416	0	0	416
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	0	3	3	0	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	4	4	0	0	8	0	0	8
Total Outlay	\$0	\$381	\$85	\$0	\$0	\$466	\$0	\$0	\$466

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$381	\$85	\$0	\$0	\$466	\$0	\$0	\$466
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	\$381	\$85	\$0	\$0	\$466	\$0	\$0	\$466
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
Total Funding	\$0	\$381	\$85	\$0	\$0	\$466	\$0	\$0	\$466

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	33.6	41.0	41.0	41.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$33.6	\$41.0	\$41.0	\$41.0

LOCATION:
Charles County Detention Center

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: DPW
Detention Center Pump Station Rehabilitations	Project #:
<p>The existing pump stations are aged and in need of rehabilitation. In addition, the pump stations experience heavy debris that causes routine cleaning and de-ragging of pumps. This project will evaluate the pump stations and implement the necessary improvements to improve system performance and reliability.</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$125	\$45	\$0	\$0	\$0	\$170	\$0	\$0	\$170
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	475	0	0	0	475	0	0	475
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	0	0	0	6	0	0	6
Administration - FAS	3	3	0	0	0	6	0	0	6
Inspection	0	75	0	0	0	75	0	0	75
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	48	0	0	0	48	0	0	48
Total Outlay	\$131	\$649	\$0	\$0	\$0	\$780	\$0	\$0	\$780

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$131	\$649	\$0	\$0	\$0	\$780	\$0	\$0	\$780
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	\$131	\$649	\$0	\$0	\$0	\$780	\$0	\$0	\$780
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
Total Funding	\$131	\$649	\$0	\$0	\$0	\$780	\$0	\$0	\$780

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	11.5	68.6	68.6	68.6	68.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$11.5	\$68.6	\$68.6	\$68.6	\$68.6

LOCATION: Charles County Detention Center

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: FAS
Replacement of County Financial Software Program	Project #:
Replacement of software and conversion of existing data. This includes all financial applications (General Ledger, Accounts Payable, Accounts Receivable, Procurement, Budget, Project/Grant Accounting, Revenue Accounting, and Asset Tracking). This also includes Payroll Processing, Tax Billing/Collections, and Utility Billing. Current software was acquired in early '90s and is at end of life. NWS is being purchased by another vendor and there is no guarantee as to how long this software will be supported.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	1,593	896	713	0	0	3,202	0	0	3,202
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	3	3	3	0	0	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	0	0	0	0	0	0	0
Total Outlay	\$1,596	\$899	\$716	\$0	\$0	\$3,211	\$0	\$0	\$3,211

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$1,364	\$768	\$612	\$0	\$0	\$2,744	\$0	\$0	\$2,744
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	\$1,364	\$768	\$612	\$0	\$0	\$2,744	\$0	\$0	\$2,744
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: Other Funds	232	131	104	0	0	467	0	0	467
Total Funding	\$1,596	\$899	\$716	\$0	\$0	\$3,211	\$0	\$0	\$3,211

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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	7.0	7.2	7.3	0.0	7.5
Total Operating	\$0.0	\$0.0	\$7.0	\$7.2	\$7.3	\$0.0	\$7.5
Debt Service: Bonds	0.0	119.7	187.3	241.2	241.2	0.0	241.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$119.7	\$194.3	\$248.4	\$248.5	\$0.0	\$248.7

LOCATION:
La Plata, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME: Public Facility Impact Fee Analysis	Requested By: PGM Project #:
<p>In order for the County to gain a better understanding of the costs associated with growth and how to best 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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$250	\$0	\$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	13	0	0	0	13	0	0	13
Administration - FAS	0	3	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	4	0	0	0	4	0	0	4
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$270	\$0	\$0	\$0	\$270	\$0	\$0	\$270

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	270	0	0	0	270	0	0	270
Total County Funding	\$0	\$270	\$0	\$0	\$0	\$270	\$0	\$0	\$270
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
Total Funding	\$0	\$270	\$0	\$0	\$0	\$270	\$0	\$0	\$270

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

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

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Government Center Master Plan	Project #:
<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"> • Review existing facilities and potential long term county expansion needs; • Review potential for redevelopment of county land of the existing administrative building, parking areas and adjacent developable lands; • Work with County Commissioners and departments to project long range needs; • Examine potential for a new Government Center Complex and multiple uses in the immediate area to be accommodated through redevelopment; • 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; • Estimate potential costs and revenues associated with redevelopment for public and private sectors as proposed in the design; • Work with the Town of La Plata and the La Plata Development Corporation on common goals for the downtown area and consider their input; • Help create a vibrant Town Center area that meets the future needs for the County and helps stimulate economic vitality in La Plata. 	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$80	\$0	\$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	10	0	0	0	10	0	0	10
Administration - FAS	0	3	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	5	0	0	0	5	0	0	5
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$98	\$0	\$0	\$0	\$98	\$0	\$0	\$98

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	98	0	0	0	98	0	0	98
Total County Funding	\$0	\$98	\$0	\$0	\$0	\$98	\$0	\$0	\$98
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
Total Funding	\$0	\$98	\$0	\$0	\$0	\$98	\$0	\$0	\$98

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

LOCATION:
County Government Complex in La Plata, MD.

**APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)**

PROJECT NAME:	Requested By: DES
Radio Communications System Upgrade	Project #: 3220

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 2,000) 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 & 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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$450	\$0	\$0	\$0	\$0	\$450	\$350	\$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	18	0	0	0	0	18	18	81	117
Administration - FAS	3	0	0	0	0	3	3	12	18
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
Total Outlay	\$471	\$0	\$0	\$0	\$0	\$471	\$371	\$34,006	\$34,848

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$471	\$0	\$0	\$0	\$0	\$471	\$371	\$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	\$471	\$0	\$0	\$0	\$0	\$471	\$371	\$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
Total Funding	\$471	\$0	\$0	\$0	\$0	\$471	\$371	\$34,006	\$34,848

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	33.4	74.7	74.7	74.7	74.7	33.4	3,069.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$33.4	\$74.7	\$74.7	\$74.7	\$74.7	\$33.4	\$3,069.4

LOCATION:
N/A

APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)

PROJECT NAME:	Requested By: PGM
La Plata Library Relocation	Project #:
<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. 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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$286	\$0	\$0	\$0	\$286	\$0	\$0	\$286
Land & ROW	0	650	0	0	0	650	0	0	650
Construction	0	0	1,430	1,430	0	2,860	0	0	2,860
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	69	69	0	138	0	0	138
Administration - FAS	0	0	3	3	0	6	0	0	6
Inspection	0	0	36	36	0	72	0	0	72
Miscellaneous	0	0	10	10	0	20	0	0	20
Contingency	0	0	143	143	0	286	0	0	286
Total Outlay	\$0	\$936	\$1,691	\$1,691	\$0	\$4,318	\$0	\$0	\$4,318

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$351	\$634	\$634	\$0	\$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
Total County Funding	\$0	\$351	\$634	\$634	\$0	\$1,619	\$0	\$0	\$1,619
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	585	1,057	1,057	0	2,699	0	0	2,699
Total Funding	\$0	\$936	\$1,691	\$1,691	\$0	\$4,318	\$0	\$0	\$4,318

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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	12.6	13.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$12.6	\$13.0
Debt Service: Bonds	0.0	0.0	30.9	86.8	142.6	142.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$30.9	\$86.8	\$155.2	\$155.6

LOCATION: Downtown La Plata

**APPROVED CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2017
(\$ in thousands)**

PROJECT NAME: Animal Shelter Feasibility Study	Requested By: DES Project #:
To access the future needs of the Tri-County Animal Shelter.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			Project Total
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	
Architectural & Engineering	\$47	\$0	\$0	\$0	\$0	\$47	\$0	\$0	\$47
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
Administration - FAS	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
Total Outlay	\$50	\$0	\$0	\$0	\$0	\$50	\$0	\$0	\$50

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			Project Total
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	50	0	0	0	0	50	0	0	50
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$50	\$0	\$0	\$0	\$0	\$50	\$0	\$0	\$50
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
Total Funding	\$50	\$0	\$0	\$0	\$0	\$50	\$0	\$0	\$50

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

LOCATION:

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: DPW
Park Repair & Maintenance Projects	Project #: 4095
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	0	0	0	0	0	0	0
Administration - FAS	3	3	3	3	3	15	3	3	21
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	236	315	315	315	315	1,496	236	315	2,047
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$239	\$318	\$318	\$318	\$318	\$1,511	\$239	\$318	\$2,068

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	318	318	318	318	1,511	239	318	2,068
Total County Funding	\$239	\$318	\$318	\$318	\$318	\$1,511	\$239	\$318	\$2,068
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
Total Funding	\$239	\$318	\$318	\$318	\$318	\$1,511	\$239	\$318	\$2,068

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

LOCATION:
County-wide

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Various Pedestrian & Bicycle Facilities	Project #: 4069

To provide a network of pedestrian & bicycle facilities within the Development District & to provide amenities such as park & walk/bike lots & 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:

<ol style="list-style-type: none"> 1. Smallwood Drive from Route 301 eastward to St. Charles Parkway. 2. Old Washington Road from Route 5 to Substation Road. 3. Route 210 from Route 227 to Ruth B. Swann Drive. 4. Route 227 from Billingsley Rd. to Route 210 northward to trail tie-in. 5. Chapel Point Road from Causeway Dr. to Commerce Street. 	<ol style="list-style-type: none"> 6. From intersection of Route 227 and Route 210 northward on Route 210 approximately 300 ft and westward on Route 227 to Matthews Road. 7. Route 227 from Food Lion entrance eastward to Matthews Road and northward on Matthews Road to auxiliary road eastward to Route 210. 8. Route 227 westward to Matthews Road southward to Shopping Center Entrance. 9. BUS 5 from Burnt Store Road to Bypass - North & South. 10. BUS 5 from 231 to Bypass - South. 11. Lexington Drive (Berry Valley Neighborhood).
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EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$5	\$5	\$5	\$5	\$20	\$20	\$5	\$45
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	53	53	53	53	212	111	53	376
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	3	3	3	3	12	6	3	21
Administration - FAS	0	3	3	3	3	12	2	3	17
Inspection	0	5	5	5	5	20	17	5	42
Miscellaneous	0	5	5	5	5	20	11	5	36
Contingency	0	6	6	6	6	24	10	6	40
Total Outlay	\$0	\$80	\$80	\$80	\$80	\$320	\$176	\$80	\$576

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$80	\$80	\$80	\$80	\$320	\$166	\$80	\$566
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	9	0	9
Total County Funding	\$0	\$80	\$80	\$80	\$80	\$320	\$176	\$80	\$576
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
Total Funding	\$0	\$80	\$80	\$80	\$80	\$320	\$176	\$80	\$576

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	15.0	15.0	22.0	29.1	36.1	15.0	50.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$15.0	\$15.0	\$22.0	\$29.1	\$36.1	\$15.0	\$50.2

LOCATION:
County-wide

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Waterfront Acquisition	Requested By: DPW Project #:
Land acquisition of Potomac River (or tributary) to preserve open space, give citizens access to waterfront and to protect sensitive environmental areas.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	1,000	0	0	0	0	1,000	0	0	1,000
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$1,003	\$0	\$0	\$0	\$0	\$1,003	\$0	\$0	\$1,003

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	3	0	0	0	0	3	0	0	3
Total County Funding	\$3	\$0	\$0	\$0	\$0	\$3	\$0	\$0	\$3
Federal	0	0	0	0	0	0	0	0	0
State	1,000	0	0	0	0	1,000	0	0	1,000
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$1,003	\$0	\$0	\$0	\$0	\$1,003	\$0	\$0	\$1,003

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

LOCATION:	To be determined
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: DPW
Milton Somers Football Stadium Improvements	Project #:
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	10	0	0	0	0	10	0	15	25
Equipment	60	0	0	0	0	60	0	135	195
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	3	0	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	15	0	0	0	0	15	0	0	15
Total Outlay	\$88	\$0	\$0	\$0	\$0	\$88	\$0	\$153	\$241

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$88	\$0	\$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	\$88	\$0	\$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
Total Funding	\$88	\$0	\$0	\$0	\$0	\$88	\$0	\$153	\$241

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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	1.3	1.3	1.3	1.4	1.4
Total Operating	\$0.0	\$1.3	\$1.3	\$1.3	\$1.4	\$1.4
Debt Service: Bonds	0.0	7.7	7.7	7.7	7.7	21.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$9.0	\$9.0	\$9.0	\$9.1	\$22.6

LOCATION:
Milton Somers Middle School, La Plata, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Oak Ridge Development Phase II	Requested By: DPW Project #:
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 are to be included on at least two fields.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	400	0	0	0	400	0	0	400
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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	40	0	0	0	40	0	0	40
Total Outlay	\$0	\$443	\$0	\$0	\$0	\$443	\$0	\$0	\$443

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$0	\$143	\$0	\$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	\$143	\$0	\$0	\$0	\$143	\$0	\$0	\$143
Federal	0	0	0	0	0	0	0	0	0
State	0	300	0	0	0	300	0	0	300
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$443	\$0	\$0	\$0	\$443	\$0	\$0	\$443

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
No. of Personnel	0.00	0.00	0.15	0.15	0.15	0.15
Personnel Costs	0.0	0.0	3.6	3.7	3.9	4.0
Operating	0.0	0.0	10.8	11.0	11.3	11.6
Total Operating	\$0.0	\$0.0	\$14.4	\$14.7	\$15.2	\$15.6
Debt Service: Bonds	0.0	0.0	12.6	12.6	12.6	12.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$27.0	\$27.3	\$27.8	\$28.2

LOCATION: Bryantown, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: DPW
Gilbert Run/Oak Ridge Connection Trail	Project #:
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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$0	\$0	\$0	\$28	\$251	\$279	\$0	\$0	\$279

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
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
Total Funding	\$0	\$0	\$0	\$28	\$251	\$279	\$0	\$0	\$279

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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	4.3
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$5.6
Debt Service: Bonds	0.0	0.0	0.0	0.0	2.5	9.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	1.7
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$2.5	\$17.0

LOCATION:
Gilbert Run/Oak Ridge Parks

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Popes Creek Rail Trail	Requested By: DPW Project #: 4047
Development: Hiker/Biker trail to be developed along a 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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$0	\$133
Land & ROW	0	0	0	0	0	0	1,382	0	1,382
Construction	600	0	0	0	0	600	1,170	0	1,770
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	3	0	0	0	0	3	5	0	8
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	60	0	0	0	0	60	0	0	60
Total Outlay	\$663	\$0	\$0	\$0	\$0	\$663	\$2,689	\$0	\$3,352

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$363	\$0	\$0	\$0	\$0	\$363	\$783	\$0	\$1,146
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	1	0	1
Total County Funding	\$363	\$0	\$0	\$0	\$0	\$363	\$784	\$0	\$1,147
Federal	0	0	0	0	0	0	942	0	942
State	300	0	0	0	0	300	964	0	1,264
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$663	\$0	\$0	\$0	\$0	\$663	\$2,689	\$0	\$3,352

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
No. of Personnel	0.00	0.31	0.31	0.31	0.31	0.00	0.31
Personnel Costs	0.0	6.2	6.5	6.7	7.0	0.0	7.3
Operating	0.0	7.8	8.0	8.1	8.3	0.0	8.5
Total Operating	\$0.0	\$14.0	\$14.5	\$14.8	\$15.3	\$0.0	\$15.8
Debt Service: Bonds	70.4	102.3	102.3	102.3	102.3	70.4	102.3
Vehicle & Equipment Lease	0.0	0.9	1.7	1.7	1.7	0.0	2.6
Total Impact	\$70.4	\$117.2	\$118.5	\$118.8	\$119.3	\$70.4	\$120.7

LOCATION: Faulkner, Maryland (between Route 301 and Pope's Creek Road)
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Road Overlay Program	Requested By: DPW Project #: 2205
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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$3,078	\$3,078	\$3,078	\$3,078	\$3,078	\$15,390	\$0	\$3,078	\$18,468

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 year)	\$2,909	\$2,916	\$2,916	\$2,916	\$2,916	\$14,573	\$0	\$2,916	\$17,489
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer General Fund	7	0	0	0	0	7	0	0	7
Total County Funding	\$2,916	\$2,916	\$2,916	\$2,916	\$2,916	\$14,580	\$0	\$2,916	\$17,496
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
Total Funding	\$3,078	\$3,078	\$3,078	\$3,078	\$3,078	\$15,390	\$0	\$3,078	\$18,468

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	255.3	512.1	768.9	1,025.7	1,539.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$255.3	\$512.1	\$768.9	\$1,025.7	\$1,539.3

LOCATION: Roads throughout Charles County

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:

County Drainage Systems Improvement Program

Requested By: PGM

Project #: 2161

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

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$15	\$15	\$15	\$45	\$397	\$15	\$457
Land & ROW	0	0	0	0	0	0	55	0	55
Construction	0	0	170	170	170	510	1,900	170	2,580
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	6	6	6	18	87	6	111
Administration - FAS	0	0	3	3	3	9	1	3	13
Inspection	0	0	0	0	0	0	68	0	68
Miscellaneous	0	0	2	2	2	6	45	2	53
Contingency	0	0	17	17	17	51	332	17	400
Total Outlay	\$0	\$0	\$213	\$213	\$213	\$639	\$2,884	\$213	\$3,736

FINANCING SOURCES									
Bonds (20 year)	\$0	\$0	\$213	\$213	\$213	\$639	\$2,844	\$213	\$3,696
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	\$213	\$213	\$213	\$639	\$2,844	\$213	\$3,696
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
Total Funding	\$0	\$0	\$213	\$213	\$213	\$639	\$2,884	\$213	\$3,736

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0						
Debt Service: Bonds	255.8	255.8	255.8	271.2	286.5	255.8	317.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$255.8	\$255.8	\$255.8	\$271.2	\$286.5	\$255.8	\$317.1

LOCATION:

Various Sites throughout County. (See description above.)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Safety Improvement Program- Existing Roadways	Project #: 2177
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).	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$18	\$18	\$18	\$18	\$72	\$83	\$18	\$173
Land & ROW	0	15	15	15	15	60	34	15	109
Construction	0	185	185	185	185	740	264	185	1,189
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	15	15	15	15	60	23	15	98
Administration - FAS	0	3	3	3	3	12	12	3	27
Inspection	0	14	14	14	14	56	40	14	110
Miscellaneous	0	2	2	2	2	8	10	2	20
Contingency	0	18	18	18	18	72	25	18	115
Total Outlay	\$0	\$270	\$270	\$270	\$270	\$1,080	\$491	\$270	\$1,841

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
							Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (20 year)		\$0	\$270	\$270	\$270	\$270	\$1,080	\$491	\$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		\$0	\$270	\$270	\$270	\$270	\$1,080	\$491	\$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
Total Funding		\$0	\$270	\$270	\$270	\$270	\$1,080	\$491	\$270	\$1,841

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	44.2	44.2	63.6	83.0	102.5	44.2	141.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$44.2	\$44.2	\$63.6	\$83.0	\$102.5	\$44.2	\$141.3

LOCATION:
Various Sites throughout County

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Traffic Signal Program	Requested By: PGM Project #: 2156
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	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$16	\$16	\$16	\$16	\$64	\$38	\$16	\$118
Land & ROW	0	10	10	10	10	40	25	10	75
Construction	0	200	200	200	200	800	454	200	1,454
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	13	13	13	13	52	28	13	93
Administration - FAS	0	3	3	3	3	12	6	3	21
Inspection	0	18	18	18	18	72	43	18	133
Miscellaneous	0	5	5	5	5	20	5	5	30
Contingency	0	20	20	20	20	80	27	20	127
Total Outlay	\$0	\$285	\$285	\$285	\$285	\$1,140	\$626	\$285	\$2,051

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (20 year)	\$0	\$285	\$285	\$285	\$285	\$1,140	\$596	\$285	\$2,021
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
Total County Funding	\$0	\$285	\$285	\$285	\$285	\$1,140	\$626	\$285	\$2,051
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
Total Funding	\$0	\$285	\$285	\$285	\$285	\$1,140	\$626	\$285	\$2,051

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	53.6	53.6	74.2	94.7	115.2	53.6	156.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$53.6	\$53.6	\$74.2	\$94.7	\$115.2	\$53.6	\$156.2

LOCATION: County Wide

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Sidewalk Improvement Program	Requested By: DPW Project #: 2206
<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"> Priority 1 – Missing concrete panel, lifted panel 2" or higher Priority 2 – Concrete panels lifted ½" to 2" high Priority 3 – Concrete panels with heavy cracking, delamination or spaulding <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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	0	0	0	0	0	0	0
Administration - FAS	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
Total Outlay	\$153	\$153	\$153	\$153	\$153	\$765	\$0	\$153	\$918

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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
Total County Funding	\$153	\$153	\$153	\$153	\$153	\$765	\$0	\$153	\$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
Total Funding	\$153	\$153	\$153	\$153	\$153	\$765	\$0	\$153	\$918

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	11.0	22.0	33.0	55.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$11.0	\$22.0	\$33.0	\$55.1

LOCATION:
To be determined.

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Light Rail Transit Initiative	Requested By: PGM Project #: 2180
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$270	\$0	\$0	\$0	\$0	\$270	\$1,079	\$0	\$1,349
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
Administration - FAS	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	1	0	1
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$270	\$0	\$0	\$0	\$0	\$270	\$1,080	\$0	\$1,350

FINANCING SOURCES		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		5-Year	
												Total '17-'21	Approp. thru FY16
Bonds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation		270	0	0	0	0	0	0	0	0	0	270	1,080
Operating Transfer	General Fund	0	0	0	0	0	0	0	0	0	0	0	0
Total County Funding		\$270	\$0	\$270	\$1,080								
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
Total Funding		\$270	\$0	\$270	\$1,080								

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

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 2017

(\$ in thousands)

PROJECT NAME: Billingsley Road Safety Improvements	Requested By: PGM Project #: 2178
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$280	\$340	\$620
Land & ROW	0	0	0	0	0	0	158	200	357
Construction	1,312	0	0	0	0	1,312	1,574	6,998	9,884
Equipment	0	0	0	0	0	0	0	0	0
Administration	36	0	0	0	0	36	47	99	182
Administration - FAS	3	0	0	0	0	3	9	3	15
Inspection	43	0	0	0	0	43	48	120	210
Miscellaneous	3	0	0	0	0	3	12	20	35
Contingency	65	0	0	0	0	65	73	220	358
Total Outlay	\$1,462	\$0	\$0	\$0	\$0	\$1,462	\$2,200	\$8,000	\$11,662

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (20 year)	\$1,462	\$0	\$0	\$0	\$0	\$1,462	\$2,200	\$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
Total County Funding	\$1,462	\$0	\$0	\$0	\$0	\$1,462	\$2,200	\$8,000	\$11,662
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
Total Funding	\$1,462	\$0	\$0	\$0	\$0	\$1,462	\$2,200	\$8,000	\$11,662

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	197.9	302.4	302.4	302.4	302.4	197.9	878.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$197.9	\$302.4	\$302.4	\$302.4	\$302.4	\$197.9	\$878.1

LOCATION: Waldorf, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Old Washington Road Reconstruction	Requested By: PGM Project #: 2186
<p>Reconstruction of portions of Old Washington Road is necessary to support increases 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. Estimated costs are subject to change after preliminary engineering is completed.</p> <p>Ex. ROW=30', Prop.R/W=72-80'; Length=1.67mi.. Major Collector</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp.	Beyond	Project
						Total '17-'21	thru FY16	FY 2021	Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$540	\$0	\$540
Land & ROW	500	0	0	0	0	500	500	0	1,000
Construction	470	2,495	2,495	0	0	5,460	0	0	5,460
Equipment	0	0	0	0	0	0	0	0	0
Administration	26	57	57	0	0	140	26	0	166
Administration - FAS	3	3	3	0	0	9	6	0	15
Inspection	0	129	129	0	0	258	0	0	258
Miscellaneous	25	111	110	0	0	246	15	0	261
Contingency	50	254	253	0	0	557	0	0	557
Total Outlay	\$1,074	\$3,049	\$3,047	\$0	\$0	\$7,170	\$1,087	\$0	\$8,257

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (20 year)		\$1,074	\$3,049	\$3,047	\$0	\$0	\$7,170	\$1,087	\$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
Total County Funding		\$1,074	\$3,049	\$3,047	\$0	\$0	\$7,170	\$1,087	\$0	\$8,257
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
Total Funding		\$1,074	\$3,049	\$3,047	\$0	\$0	\$7,170	\$1,087	\$0	\$8,257

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp.	Beyond
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	97.8	174.5	393.9	613.2	613.2	97.8	613.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$97.8	\$174.5	\$393.9	\$613.2	\$613.2	\$97.8	\$613.2

LOCATION: Waldorf, Md. Route 5 to Substation Road

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Washington Ave.- Various Intersection Improvements	Project #: 2191

Provide left turn lanes at high-volume intersections, including the following:

- Heritage Green Parkway • Shining Willow Way • E. Hawthorne Drive • Talbot Street • Cecil Street

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. 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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$50	\$50	\$50	\$0	\$150	\$140	\$50	\$340
Land & ROW	0	40	40	40	0	120	40	40	200
Construction	0	170	170	170	0	510	170	170	850
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	13	13	13	0	39	18	13	70
Administration - FAS	0	3	3	3	0	9	3	3	15
Inspection	0	8	8	8	0	24	11	8	43
Miscellaneous	0	4	4	4	0	12	4	4	20
Contingency	0	17	17	17	0	51	17	17	85
Total Outlay	\$0	\$305	\$305	\$305	\$0	\$915	\$403	\$305	\$1,623

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (20 year)	\$0	\$305	\$305	\$305	\$0	\$915	\$403	\$305	\$1,623
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	\$305	\$305	\$305	\$0	\$915	\$403	\$305	\$1,623
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
Total Funding	\$0	\$305	\$305	\$305	\$0	\$915	\$403	\$305	\$1,623

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	36.2	36.2	58.2	80.1	102.1	36.2	124.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$36.2	\$36.2	\$58.2	\$80.1	\$102.1	\$36.2	\$124.0

LOCATION:
La Plata, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:

Neighborhood Traffic Calming Program

Requested By: PGM

Project #: 2193

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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total 15-'19	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$21	\$21	\$21	\$21	\$84	\$60	\$21	\$165
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	12	60
Administration	0	9	9	9	9	36	13	9	58
Administration - FAS	0	3	3	3	3	12	3	3	18
Inspection	0	4	4	4	4	16	8	4	28
Miscellaneous	0	3	3	3	3	12	3	3	18
Contingency	0	20	20	20	20	80	20	20	120
Total Outlay	\$0	\$277	\$277	\$277	\$277	\$1,108	\$312	\$277	\$1,697

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total 15-'19	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (10 year)										
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	\$277	\$277	\$277	\$277	\$1,108	\$312	\$277	\$1,697
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
Total Funding		\$0	\$277	\$277	\$277	\$277	\$1,108	\$312	\$277	\$1,697

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
No. of Personnel	1.00	1.00	1.00	1.00	1.00	0.00	1.00
Personnel Costs	75.4	78.4	81.6	84.8	88.2	0.0	91.7
Operating	31.2	63.7	97.4	132.5	135.1	0.0	139.2
Total Operating	\$106.6	\$142.1	\$179.0	\$217.3	\$223.3	\$0.0	\$230.9
Debt Service: Bonds	38.5	38.5	73.2	107.9	142.6	38.5	212.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$145.1	\$180.6	\$252.2	\$325.2	\$365.9	\$38.5	\$442.9

LOCATION:

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

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Middletown Road Phase 3	Requested By: PGM Project #:
<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 Billingsley Rd. 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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	19	0	0	19	0	145	164
Administration - FAS	0	0	3	0	0	3	0	3	6
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
Total Outlay	\$0	\$0	\$1,717	\$0	\$0	\$1,717	\$0	\$6,752	\$8,469

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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
Total County Funding	\$0	\$0	\$1,717	\$0	\$0	\$1,717	\$0	\$6,752	\$8,469
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
Total Funding	\$0	\$0	\$1,717	\$0	\$0	\$1,717	\$0	\$6,752	\$8,469

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	123.6	123.6	609.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$123.6	\$123.6	\$609.4

LOCATION: Middletown Road from Billingsley Road to Md. Route 227
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Old McDaniel Road to Ocelot Street	Requested By: PGM Project #: 2200
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.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$134	\$0	\$134
Land & ROW	0	0	0	0	0	0	325	0	325
Construction	496	0	0	0	0	496	497	0	993
Equipment	0	0	0	0	0	0	0	0	0
Administration	22	0	0	0	0	22	30	0	52
Administration - FAS	3	0	0	0	0	3	6	0	9
Inspection	24	0	0	0	0	24	25	0	49
Miscellaneous	5	0	0	0	0	5	4	0	9
Contingency	50	0	0	0	0	50	50	0	100
Total Outlay	\$600	\$0	\$0	\$0	\$0	\$600	\$1,071	\$0	\$1,671

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (20 year)	\$600	\$0	\$0	\$0	\$0	\$600	\$1,071	\$0	\$1,671
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	\$600	\$0	\$0	\$0	\$0	\$600	\$1,071	\$0	\$1,671
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
Total Funding	\$600	\$0	\$0	\$0	\$0	\$600	\$1,071	\$0	\$1,671

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	96.3	139.2	139.2	139.2	139.2	96.3	139.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$96.3	\$139.2	\$139.2	\$139.2	\$139.2	\$96.3	\$139.2

LOCATION: Old McDaniel Road and Ocelot Street, Waldorf, MD
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Middletown Road & Billingsley Road Roundabout	Project #: 2179
<p>Traffic backups exist during peak vehicular volume times at the existing stop signed controlled intersection at Billingsley Road and Middletown Road. This project will allow traffic to flow more freely through a two-lane roundabout. The project scope has been increased "to include construction of approximately 800 LF of 4-lane divided highway from the signalized" intersection to the roundabout to meet the ultimate roadway classification for Middletown Road.</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$177	\$0	\$177
Land & ROW	0	0	0	0	0	0	75	0	75
Construction	776	0	0	0	0	776	224	0	1,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	50	0	0	0	0	50	26	0	76
Administration - FAS	3	0	0	0	0	3	6	0	9
Inspection	50	0	0	0	0	50	6	0	56
Miscellaneous	15	0	0	0	0	15	12	0	27
Contingency	100	0	0	0	0	100	0	0	100
Total Outlay	\$994	\$0	\$0	\$0	\$0	\$994	\$526	\$0	\$1,520

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (20 year)	\$994	\$0	\$0	\$0	\$0	\$994	\$526	\$0	\$1,520
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	\$994	\$0	\$0	\$0	\$0	\$994	\$526	\$0	\$1,520
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
Total Funding	\$994	\$0	\$0	\$0	\$0	\$994	\$526	\$0	\$1,520

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	47.3	118.3	118.3	118.3	118.3	47.3	118.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$47.3	\$118.3	\$118.3	\$118.3	\$118.3	\$47.3	\$118.3

LOCATION:
Middletown/Billingsley Road intersection

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Radio Station Road/Rt. 488 Traffic Signal & Geometric Improvements	Project #:
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	37	0	0	0	37	0	0	37
Administration - FAS	0	3	0	0	0	3	0	0	3
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
Total Outlay	\$0	\$800	\$0	\$0	\$0	\$800	\$0	\$0	\$800

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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
Total County Funding	\$0	\$800	\$0	\$0	\$0	\$800	\$0	\$0	\$800
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
Total Funding	\$0	\$800	\$0	\$0	\$0	\$800	\$0	\$0	\$800

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	57.6	57.6	57.6	0.0	57.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$57.6	\$57.6	\$57.6	\$0.0	\$57.6

LOCATION:
Radio Station Road, La Plata MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Intersection Analyses/Traffic Signal Warrant Analyses	Project #: 2204

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.

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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '14-'18	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$40	\$80	\$80	\$80	\$0	\$280	\$40	\$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	2	7	7	10	0	26	2	0	28
Administration - FAS	3	3	3	0	0	9	3	0	12
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	5	10	10	10	0	35	5	0	40
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$50	\$100	\$100	\$100	\$0	\$350	\$50	\$0	\$400

FINANCING SOURCES									
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	100	100	100	0	350	50	0	400
Total County Funding	\$50	\$100	\$100	\$100	\$0	\$350	\$50	\$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
Total Funding	\$50	\$100	\$100	\$100	\$0	\$350	\$50	\$0	\$400

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

LOCATION:
To be determined

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Western Parkway Road Improvements Phase 2	Project #: 2013
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '14-'18	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$318	\$0	\$318
Land & ROW	0	0	0	0	0	0	108	0	108
Construction	758	759	759	0	0	2,276	1,858	0	4,134
Equipment	0	0	0	0	0	0	0	0	0
Administration	49	50	50	0	0	149	87	0	236
Administration - FAS	3	3	3	0	0	9	7	0	16
Inspection	20	21	21	0	0	62	141	0	203
Miscellaneous	5	5	5	0	0	15	279	0	294
Contingency	76	76	76	0	0	228	15	0	243
Total Outlay	\$911	\$914	\$914	\$0	\$0	\$2,739	\$2,812	\$0	\$5,551

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '14-'18	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (20 year)	\$911	\$914	\$914	\$0	\$0	\$2,739	\$2,812	\$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
Total County Funding	\$911	\$914	\$914	\$0	\$0	\$2,739	\$2,812	\$0	\$5,551
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
Total Funding	\$911	\$914	\$914	\$0	\$0	\$2,739	\$2,812	\$0	\$5,551

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	252.9	318.0	383.8	449.6	449.6	252.9	449.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$252.9	\$318.0	\$383.8	\$449.6	\$449.6	\$252.9	\$449.6

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 2017

(\$ in thousands)

PROJECT NAME: Western Parkway Road Improvements Phase 3	Requested By: PGM Project #: 2013
<p>The completion of Western Parkway will connect Maryland Route 228, Acton Lane, Pierce Road, and US Route 301 at Mattawoman Lane. Phase 1A (2,600 l.f.) was constructed by the developers of the Waldorf Technology Park while Phases 1B (4,400 l.f.) was constructed by the County to provide the north/south local bypass of US Route 301 from Md. Route 228 to Acton Lane. Western Parkway Phase 2 (3,600 l.f.) will extend the bypass up to Pierce Road while Phase 3 (4,400 l.f.) will be the final leg of the Western Parkway bypass that will tie into US Route 301 at Mattawoman Lane.</p>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '14-'18			
Architectural & Engineering	\$224	\$0	\$0	\$0	\$0	\$224	\$845	\$0	\$1,069
Land & ROW	1,962	0	0	0	0	1,962	2,337	0	4,299
Construction	150	0	0	0	0	150	5,657	0	5,807
Equipment	0	0	0	0	0	0	0	0	0
Administration	51	0	0	0	0	51	282	0	333
Administration - FAS	3	0	0	0	0	3	11	0	14
Inspection	0	0	0	0	0	0	325	0	325
Miscellaneous	10	0	0	0	0	10	232	0	242
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$2,400	\$0	\$0	\$0	\$0	\$2,400	\$9,689	\$0	\$12,089

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '14-'18	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (20 year)	\$2,400	\$0	\$0	\$0	\$0	\$2,400	\$9,689	\$0	\$12,089
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	\$2,400	\$0	\$0	\$0	\$0	\$2,400	\$9,689	\$0	\$12,089
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
Total Funding	\$2,400	\$0	\$0	\$0	\$0	\$2,400	\$9,689	\$0	\$12,089

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	871.4	1,043.0	1,043.0	1,043.0	1,043.0	871.4	1,043.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$871.4	\$1,043.0	\$1,043.0	\$1,043.0	\$1,043.0	\$871.4	\$1,043.0

LOCATION: Phase 3 from Pierce Road northward to US 301 at Mattawoman Lane

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Automation & Technology Master Plan	Water User 50.0%	Requested By: DPW
	Water Connection	Project #: 6081
	Sewer User 50.0%	
	Sewer Connection	

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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$825	\$905	\$1,180	\$925	\$0	\$3,835	\$5,636	\$0	\$9,471
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	815	815	815	815	0	3,260	3,616	0	6,876
Equipment	125	125	125	125	0	500	1,521	0	2,021
Administration	44	43	43	43	0	173	288	0	461
Administration - FAS	3	3	3	3	0	12	15	0	27
Inspection	45	45	44	44	0	178	350	0	528
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	82	82	82	82	0	328	0	0	328
Total Outlay	\$1,939	\$2,018	\$2,292	\$2,037	\$0	\$8,286	\$11,426	\$0	\$19,712

FINANCING SOURCES									
Bonds (10 Year)	\$1,939	\$2,018	\$2,292	\$2,037	\$0	\$8,286	\$11,342	\$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
Total County Funding	\$1,939	\$2,018	\$2,292	\$2,037	\$0	\$8,286	\$11,342	\$0	\$19,628
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
Total Funding	\$1,939	\$2,018	\$2,292	\$2,037	\$0	\$8,286	\$11,426	\$0	\$19,712

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0						
Debt Service: Bonds	1,322.9	1,557.8	1,802.9	2,081.2	2,328.7	1,322.9	2,328.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$1,322.9	\$1,557.8	\$1,802.9	\$2,081.2	\$2,328.7	\$1,322.9	\$2,328.7
Increase to Water User Fee:	30.2¢	35.0¢	39.8¢	45.2¢	49.8¢	30.2¢	49.0¢
Increase to Sewer User Fee:	29.4¢	30.1¢	34.3¢	37.1¢	40.9¢	29.4¢	40.3¢
Combined Fee Increase:	59.5¢	65.0¢	74.1¢	82.3¢	90.7¢	59.5¢	89.3¢

LOCATION:
County-wide

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 100%	Requested By: DPW
Underground Infrastructure Repairs	Water Connection 0%	Project #: 6105
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	650	650	650	650	650	3,250	1,150	650	5,050
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	3	3	3	3	3	15	6	3	24
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	65	65	65	65	65	325	115	65	505
Total Outlay	\$718	\$718	\$718	\$718	\$718	\$3,590	\$1,271	\$718	\$5,579

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$718	\$718	\$718	\$718	\$718	\$3,590	\$1,271	\$718	\$5,579
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	\$718	\$718	\$718	\$718	\$718	\$3,590	\$1,271	\$718	\$5,579
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
Total Funding	\$718	\$718	\$718	\$718	\$718	\$3,590	\$1,271	\$718	\$5,579

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	105.7	168.7	231.9	295.2	358.4	105.7	484.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$105.7	\$168.7	\$231.9	\$295.2	\$358.4	\$105.7	\$484.9
Increase to Water User Fee:	4.8¢	7.6¢	10.2¢	12.8¢	15.3¢	4.8¢	20.4¢

LOCATION:
Development District

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Water Model Update	Water User 55% Water Connection 45%	Requested By: PGM Project #: 6090
<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. FY 2017's Architectural & Engineering request is to perform an evaluation of existing County well infrastructure is needed to determine capacity limitations and maintenance needs of the public water systems. This analysis will provide the updated data for the County Water Model to assist in determining system limitations and determining necessary improvements.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$60	\$27	\$27	\$27	\$27	\$168	\$274	\$27	\$469
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	65	65	65	65	65	325	111	68	504
Administration - FAS	3	3	3	3	3	15	13	0	28
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	33	3	51
Total Outlay	\$131	\$98	\$98	\$98	\$98	\$523	\$430	\$98	\$1,051

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	131	98	98	98	98	523	430	98	1,051
Total County Funding	\$131	\$98	\$98	\$98	\$98	\$523	\$430	\$98	\$1,051
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
Total Funding	\$131	\$98	\$98	\$98	\$98	\$523	\$430	\$98	\$1,051

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Water User Fee:	0.8¢	-0.8¢	0.0¢	0.0¢	0.0¢	2.5¢	0.0¢

LOCATION:	County-wide
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 95%	Requested By: DPW/PGM
South County Water Transmission Main	Water Connection 5%	Project #: 6101
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$550	\$135	\$135	\$135	\$425	\$1,380	\$200	\$375	\$1,955
Land & ROW	125	0	0	0	0	125	0	0	125
Construction	0	1,325	1,325	1,325	1,325	5,300	0	2,875	8,175
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	12	12	12	12	60	8	12	80
Administration - FAS	3	3	3	3	3	15	9	3	27
Inspection	0	95	95	95	95	380	0	145	525
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	133	133	133	133	532	0	288	820
Total Outlay	\$690	\$1,703	\$1,703	\$1,703	\$1,993	\$7,792	\$217	\$3,698	\$11,707

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$690	\$1,703	\$1,703	\$1,703	\$1,993	\$7,792	\$217	\$3,698	\$11,707
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	\$690	\$1,703	\$1,703	\$1,703	\$1,993	\$7,792	\$217	\$3,698	\$11,707
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
Total Funding	\$690	\$1,703	\$1,703	\$1,703	\$1,993	\$7,792	\$217	\$3,698	\$11,707

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	18.0	78.6	228.6	378.5	528.5	18.0	1,029.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$18.0	\$78.6	\$228.6	\$378.5	\$528.5	\$18.0	\$1,029.7
Increase to Water User Fee:	0.8c	3.4c	9.6c	15.6c	21.5c	0.8c	41.1c

LOCATION:	Southern portion of the County
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Satellite Water Facility Upgrades	Water User 100% Water Connection 0%	Requested By: DPW Project #: 6093
<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 & #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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$125	\$125	\$125	\$125	\$125	\$625	\$455	\$125	\$1,205
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	475	475	475	475	475	2,375	1,845	475	4,695
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	12	12	12	12	60	0	12	72
Administration - FAS	3	3	3	3	3	15	62	3	80
Inspection	48	48	48	48	48	240	327	48	615
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	48	48	48	48	48	240	197	48	485
Total Outlay	\$711	\$711	\$711	\$711	\$711	\$3,555	\$2,886	\$711	\$7,152

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$711	\$711	\$711	\$711	\$711	\$3,555	\$2,886	\$711	\$7,152
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	\$711	\$711	\$711	\$711	\$711	\$3,555	\$2,886	\$711	\$7,152
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
Total Funding	\$711	\$711	\$711	\$711	\$711	\$3,555	\$2,886	\$711	\$7,152

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	240.0	302.4	365.0	427.6	490.2	240.0	615.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$240.0	\$302.4	\$365.0	\$427.6	\$490.2	\$240.0	\$615.5
Increase to Water User Fee:	11.0¢	13.6¢	16.1¢	18.6¢	21.0¢	11.0¢	25.9¢

LOCATION:
Various locations, see description above

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Bensville Water Tower No. 8	Water User Water Connection	0% 100%	Requested By: PGM Project #: 6107
As described in the Charles County Water & Sewer Engineering & 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.			

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0	\$500
Land & ROW	300	0	0	0	0	300	10	0	310
Construction	1,667	1,666	0	0	0	3,333	1,667	0	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	98	77	0	0	0	175	94	0	269
Administration - FAS	3	3	0	0	0	6	6	0	12
Inspection	40	40	0	0	0	80	40	0	120
Miscellaneous	10	10	0	0	0	20	15	0	35
Contingency	133	134	0	0	0	267	133	0	400
Total Outlay	\$2,251	\$1,930	\$0	\$0	\$0	\$4,181	\$2,465	\$0	\$6,646

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$2,251	\$1,930	\$0	\$0	\$0	\$4,181	\$2,465	\$0	\$6,646
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	\$2,251	\$1,930	\$0	\$0	\$0	\$4,181	\$2,465	\$0	\$6,646
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
Total Funding	\$2,251	\$1,930	\$0	\$0	\$0	\$4,181	\$2,465	\$0	\$6,646

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	205.0	402.5	572.5	572.5	572.5	205.0	572.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$205.0	\$402.5	\$572.5	\$572.5	\$572.5	\$205.0	\$572.5
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION: Bensville Road corridor north of Billingsley Road

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 100%	Requested By: PGM
Pinefield Water Tower Rehabilitation	Water Connection 0%	Project #:
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$70	\$0	\$0	\$0	\$0	\$70	\$0	\$0	\$70
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	453	453	0	0	906	0	0	906
Equipment	0	0	0	0	0	0	0	0	0
Administration	7	36	36	0	0	79	0	0	79
Administration - FAS	3	3	3	0	0	9	0	0	9
Inspection	0	30	30	0	0	60	0	0	60
Miscellaneous	10	0	0	0	0	10	0	0	10
Contingency	0	46	46	0	0	92	0	0	92
Total Outlay	\$90	\$568	\$568	\$0	\$0	\$1,226	\$0	\$0	\$1,226

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$90	\$568	\$568	\$0	\$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
Total County Funding	\$90	\$568	\$568	\$0	\$0	\$1,226	\$0	\$0	\$1,226
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
Total Funding	\$90	\$568	\$568	\$0	\$0	\$1,226	\$0	\$0	\$1,226

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	7.9	57.9	107.9	107.9	0.0	107.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$7.9	\$57.9	\$107.9	\$107.9	\$0.0	\$107.9
Increase to Water User Fee:	0.0¢	0.4¢	2.6¢	4.7¢	4.6¢	0.0¢	4.5¢

LOCATION:
Pinefield, Charles County

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Gleneagles 2MG Water Tower	Water User 0% Water Connection 100%	Requested By: PGM Project #: 6109
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	1,667	1,667	1,666	0	5,000	0	0	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	60	60	60	0	180	50	0	230
Administration - FAS	0	3	3	3	0	9	3	0	12
Inspection	0	30	30	30	0	90	0	0	90
Miscellaneous	0	0	0	0	0	0	10	0	10
Contingency	0	90	90	90	0	270	0	0	270
Total Outlay	\$0	\$1,850	\$1,850	\$1,849	\$0	\$5,549	\$713	\$0	\$6,262

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$0	\$1,850	\$1,850	\$1,849	\$0	\$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
Total County Funding	\$0	\$1,850	\$1,850	\$1,849	\$0	\$5,549	\$713	\$0	\$6,262
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
Total Funding	\$0	\$1,850	\$1,850	\$1,849	\$0	\$5,549	\$713	\$0	\$6,262

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	59.3	59.3	222.2	385.1	548.0	59.3	548.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$59.3	\$59.3	\$222.2	\$385.1	\$548.0	\$59.3	\$548.0
Increase to Water User Fee:	0.0c	0.0c	0.0c	0.0c	0.0c	0.0c	0.0c

LOCATION: St. Charles, Rosewick Road (proposed location)
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Waldorf Fire House Water Tower Replacement	Water User Water Connection	10% 90%	Requested By: PGM Project #: 6110
<p>Based on a water distribution study performed in 2010, a new two (2) million gallon water tower is needed in the Waldorf Area to provide additional fire storage volume and equalize pressure in the system. An existing 100,000 gallon tank is scheduled to be relocated from the Fire House. This project will identify and acquire a suitable site for a new water tower, design, and construct an elevated water tower for the Waldorf water system.</p>			

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0	\$500
Land & ROW	0	0	0	0	0	0	250	0	250
Construction	0	1,667	1,666	0	0	3,333	1,667	0	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	60	60	0	0	120	117	0	237
Administration - FAS	0	3	3	0	0	6	6	0	12
Inspection	0	30	30	0	0	60	30	0	90
Miscellaneous	0	0	0	0	0	0	10	0	10
Contingency	0	90	90	0	0	180	90	0	270
Total Outlay	\$0	\$1,850	\$1,849	\$0	\$0	\$3,699	\$2,670	\$0	\$6,369

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$0	\$1,850	\$1,849	\$0	\$0	\$3,699	\$2,670	\$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
Total County Funding	\$0	\$1,850	\$1,849	\$0	\$0	\$3,699	\$2,670	\$0	\$6,369
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
Total Funding	\$0	\$1,850	\$1,849	\$0	\$0	\$3,699	\$2,670	\$0	\$6,369

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	222.0	222.0	385.0	547.8	547.8	222.0	547.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$222.0	\$222.0	\$385.0	\$547.8	\$547.8	\$222.0	\$547.8
Increase to Water User Fee:	1.0¢	1.0¢	1.7¢	2.4¢	2.3¢	1.0¢	2.3¢

LOCATION: Waldorf, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: White Plains 2MG Water Tower	Water User 0% Water Connection 100%	Requested By: PGM Project #:
Based on a study performed in 2010, a new two (2) million gallon water tower is needed in the White Plains area to provide additional fire storage volume and to equalize pressure in the system. This project will identify and acquire a suitable site for a new tower, design, and construct an elevated water tower.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$500	\$0	\$0	\$500	\$0	\$0	\$500
Land & ROW	0	0	150	0	0	150	0	0	150
Construction	0	0	0	1,667	0	1,667	0	3,333	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	50	60	0	110	0	123	233
Administration - FAS	0	0	3	3	0	6	0	3	9
Inspection	0	0	0	30	0	30	0	60	90
Miscellaneous	0	0	10	0	0	10	0	0	10
Contingency	0	0	0	90	0	90	0	180	270
Total Outlay	\$0	\$0	\$713	\$1,850	\$0	\$2,563	\$0	\$3,699	\$6,262

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$0	\$0	\$713	\$1,850	\$0	\$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
Total County Funding	\$0	\$0	\$713	\$1,850	\$0	\$2,563	\$0	\$3,699	\$6,262
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
Total Funding	\$0	\$0	\$713	\$1,850	\$0	\$2,563	\$0	\$3,699	\$6,262

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	62.8	225.7	0.0	551.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$62.8	\$225.7	\$0.0	\$551.5
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION: White Plains, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 100%	Requested By: PGM
Settle Woods Water Tower Rehabilitation	Water Connection 0%	Project #:
<p>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.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	250	250	0	0	500	0	0	500
Equipment	0	0	0	0	0	0	0	0	0
Administration	7	22	19	0	0	48	0	0	48
Administration - FAS	0	0	3	0	0	3	0	0	3
Inspection	0	12	12	0	0	24	0	0	24
Miscellaneous	10	0	0	0	0	10	0	0	10
Contingency	0	25	25	0	0	50	0	0	50
Total Outlay	\$67	\$309	\$309	\$0	\$0	\$685	\$0	\$0	\$685

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$67	\$309	\$309	\$0	\$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
Total County Funding	\$67	\$309	\$309	\$0	\$0	\$685	\$0	\$0	\$685
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
Total Funding	\$67	\$309	\$309	\$0	\$0	\$685	\$0	\$0	\$685

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	5.9	33.1	60.3	60.3	0.0	60.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$5.9	\$33.1	\$60.3	\$60.3	\$0.0	\$60.3
Increase to Water User Fee:	0.0¢	0.3¢	1.5¢	2.6¢	2.6¢	0.0¢	2.5¢

LOCATION:
Settle Woods, Waldorf, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Bryans Road 2MG Water Tower	Water User Water Connection	0% 100%	Requested By: PGM Project #:
The Bryans Road has only a single tower providing system pressure and fire storage to the area's water system. An additional storage tower is needed to provide redundancy to the public water system. This project will provide the design and construction of a two (2) million gallon elevated water tower.			

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$300	\$0	\$0	\$0	\$300	\$0	\$0	\$300
Land & ROW	0	7	0	0	0	7	0	0	7
Construction	0	0	1,000	1,000	0	2,000	0	1,000	3,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	25	77	77	0	179	0	77	256
Administration - FAS	0	3	3	3	0	9	0	3	12
Inspection	0	0	33	33	0	66	0	33	99
Miscellaneous	0	0	10	10	0	20	0	10	30
Contingency	0	15	100	100	0	215	0	100	315
Total Outlay	\$0	\$350	\$1,223	\$1,223	\$0	\$2,796	\$0	\$1,223	\$4,019

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$0	\$350	\$1,223	\$1,223	\$0	\$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
Total County Funding	\$0	\$350	\$1,223	\$1,223	\$0	\$2,796	\$0	\$1,223	\$4,019
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
Total Funding	\$0	\$350	\$1,223	\$1,223	\$0	\$2,796	\$0	\$1,223	\$4,019

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	30.8	138.5	246.2	0.0	353.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$30.8	\$138.5	\$246.2	\$0.0	\$353.9
Increase to Water User Fee:	0.0c	0.0c	0.0c	0.0c	0.0c	0.0c	0.0c

LOCATION: Md. Route 224 at Bumpy Oak Road

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 0%	Requested By: PGM
Bensville Road Water Line Extension	Water Connection 100%	Project #:
<p>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.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$136	\$0	\$0	\$136	\$0	\$0	\$136
Land & ROW	0	0	204	0	0	204	0	0	204
Construction	0	0	0	1,360	0	1,360	0	0	1,360
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	28	104	0	132	0	0	132
Administration - FAS	0	0	3	3	0	6	0	0	6
Inspection	0	0	0	41	0	41	0	0	41
Miscellaneous	0	0	15	5	0	20	0	0	20
Contingency	0	0	17	136	0	153	0	0	153
Total Outlay	\$0	\$0	\$403	\$1,649	\$0	\$2,052	\$0	\$0	\$2,052

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$0	\$0	\$403	\$1,649	\$0	\$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	\$403	\$1,649	\$0	\$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
Total Funding	\$0	\$0	\$403	\$1,649	\$0	\$2,052	\$0	\$0	\$2,052

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	35.5	180.7	0.0	180.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$35.5	\$180.7	\$0.0	\$180.7
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION:
Bensville Road

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 50%	Requested By: PGM
Bensville/Bryans Road Water Systems Interconnection Study	Water Connection 50%	Project #:
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$83	\$0	\$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	8	0	0	0	8	0	0	8
Administration - FAS	0	3	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	6	0	0	0	6	0	0	6
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$100	\$0	\$0	\$0	\$100	\$0	\$0	\$100

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	100	0	0	0	100	0	0	100
Total County Funding	\$0	\$100	\$0	\$0	\$0	\$100	\$0	\$0	\$100
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
Total Funding	\$0	\$100	\$0	\$0	\$0	\$100	\$0	\$0	\$100

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Water User Fee:	0.0¢	2.2¢	-2.2¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION:
Billingsley Road

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Hughesville Water Line	Water User 0% Water Connection 100%	Requested By: PGM Project #: 6114
Design and construct 9,000 linear feet of water line in Hughesville, a system well and 400,000 water gallon tower to serve the village core.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$150	\$0	\$0	\$0	\$0	\$150	\$180	\$0	\$330
Land & ROW	0	0	0	0	0	0	270	0	270
Construction	0	1,700	1,700	0	0	3,400	0	0	3,400
Equipment	0	0	0	0	0	0	0	0	0
Administration	11	128	128	0	0	267	16	0	283
Administration - FAS	3	3	3	0	0	9	3	0	12
Inspection	0	43	43	0	0	86	0	0	86
Miscellaneous	2	17	17	0	0	36	15	0	51
Contingency	0	170	170	0	0	340	23	0	363
Total Outlay	\$166	\$2,061	\$2,061	\$0	\$0	\$4,288	\$507	\$0	\$4,795

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$166	\$2,061	\$2,061	\$0	\$0	\$4,288	\$507	\$0	\$4,795
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	\$166	\$2,061	\$2,061	\$0	\$0	\$4,288	\$507	\$0	\$4,795
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
Total Funding	\$166	\$2,061	\$2,061	\$0	\$0	\$4,288	\$507	\$0	\$4,795

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	42.2	56.7	238.2	419.7	419.7	42.2	419.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$42.2	\$56.7	\$238.2	\$419.7	\$419.7	\$42.2	\$419.7
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION: Leonardtwn Road, Hughesville
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 0%	Requested By: PGM
Private Water System Interconnection Program	Water Other 100%	Project #: 6115
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '17-'21			
Architectural & Engineering	\$25	\$25	\$25	\$25	\$0	\$100	\$50	\$0	\$150
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	75	75	75	75	0	300	200	0	500
Equipment	0	0	0	0	0	0	0	0	0
Administration	9	9	9	9	0	36	19	0	55
Administration - FAS	3	3	3	3	0	12	3	0	15
Inspection	4	4	4	4	0	16	10	0	26
Miscellaneous	5	5	5	5	0	20	5	0	25
Contingency	8	8	8	8	0	32	20	0	52
Total Outlay	\$129	\$129	\$129	\$129	\$0	\$516	\$307	\$0	\$823

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)		\$0	\$0	\$0	\$0	\$0	\$0	\$107	\$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
Total County Funding		\$0	\$0	\$0	\$0	\$0	\$0	\$107	\$0	\$107
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: Property Owners		129	129	129	129	0	516	200	0	716
Total Funding		\$129	\$129	\$129	\$129	\$0	\$516	\$307	\$0	\$823

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
						0.00	0.00
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	8.9	8.9	8.9	8.9	8.9	8.9	8.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$8.9	\$8.9	\$8.9	\$8.9	\$8.9	\$8.9	\$8.9
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION:

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 100%	Requested By: DPW
St. Charles Well #16 Replacement	Water Connection 0%	Project #:
This well is out of service and in need of replacement to address water system demands.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$125	\$0	\$0	\$0	\$0	\$125	\$0	\$0	\$125
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,250	0	0	0	0	1,250	0	0	1,250
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	0	0	0	0	12	0	0	12
Administration - FAS	3	0	0	0	0	3	0	0	3
Inspection	95	0	0	0	0	95	0	0	95
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	125	0	0	0	0	125	0	0	125
Total Outlay	\$1,610	\$0	\$0	\$0	\$0	\$1,610	\$0	\$0	\$1,610

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Bonds (15 Year)							\$1,610	\$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
Total County Funding		\$1,610	\$0	\$0	\$0	\$0	\$1,610	\$0	\$0	\$1,610
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
Total Funding		\$1,610	\$0	\$0	\$0	\$0	\$1,610	\$0	\$0	\$1,610

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	141.3	141.3	141.3	141.3	0.0	141.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$141.3	\$141.3	\$141.3	\$141.3	\$0.0	\$141.3
Increase to Water User Fee:	0.0¢	6.3¢	6.2¢	6.1¢	6.0¢	0.0¢	5.9¢

LOCATION:
Waldorf

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 25%	Requested By: PGM
WSSC Waldorf Interconnection	Water Connection 75%	Project #:
Substantial water infrastructure upgrades are necessary to prepare the Waldorf water system for an additional interconnection to the WSSC water system along US301 to Brandywine. This would include the design and construction.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$200	\$250	\$0	\$0	\$0	\$450	\$0	\$0	\$450
Land & ROW	0	200	0	0	0	200	0	0	200
Construction	0	0	2,000	2,000	2,000	6,000	0	2,000	8,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	10	12	75	75	75	247	0	75	322
Administration - FAS	3	3	3	3	3	15	0	3	18
Inspection	0	0	50	50	50	150	0	50	200
Miscellaneous	0	0	10	10	10	30	0	10	40
Contingency	0	0	200	200	200	600	0	200	800
Total Outlay	\$213	\$465	\$2,338	\$2,338	\$2,338	\$7,692	\$0	\$2,338	\$10,030

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$213	\$465	\$2,338	\$2,338	\$2,338	\$7,692	\$0	\$2,338	\$10,030
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	\$213	\$465	\$2,338	\$2,338	\$2,338	\$7,692	\$0	\$2,338	\$10,030
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
Total Funding	\$213	\$465	\$2,338	\$2,338	\$2,338	\$7,692	\$0	\$2,338	\$10,030

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	18.7	59.6	265.5	471.4	0.0	883.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$18.7	\$59.6	\$265.5	\$471.4	\$0.0	\$883.2
Increase to Water User Fee:	0.0c	0.2c	0.7c	2.9c	5.0c	0.0c	9.3c

LOCATION:
Waldorf, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 0%	Requested By: PGM
Water Detail Revisions	Water Connection 100%	Project #:
Consultant assistance is needed to prepare updated water infrastructure detail schematics to guide engineers designing public water infrastructure. Certain design detail schematics may not be consistent with the current industry standards.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$30	\$0	\$0	\$0	\$0	\$30	\$0	\$0	\$30
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	2	0	0	0	0	2	0	0	2
Administration - FAS	3	0	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	1	0	0	0	0	1	0	0	1
Contingency	1	0	0	0	0	1	0	0	1
Total Outlay	\$37	\$0	\$0	\$0	\$0	\$37	\$0	\$0	\$37

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	37	0	0	0	0	37	0	0	37
Total County Funding	\$37	\$0	\$0	\$0	\$0	\$37	\$0	\$0	\$37
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
Total Funding	\$37	\$0	\$0	\$0	\$0	\$37	\$0	\$0	\$37

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Water User Fee:	0.0c	0.0c	0.0c	0.0c	0.0c	0.0c	0.0c

LOCATION: _____

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Water User 100%	Requested By: PGM
Chapel Point/Bel Alton Water System & Tank	Water Connection 0%	Project #:
<p>In order to increase the reliability of the area public water system, the design and construction of a water line extension to interconnect the Bel Alton and Chapel Point Water systems is needed. This will include a water storage tank to provide adequate water pressure.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '17-'21			
Architectural & Engineering	\$200	\$0	\$0	\$0	\$0	\$200	\$0	\$0	\$200
Land & ROW	50	0	0	0	0	50	0	0	50
Construction	0	1,500	1,500	0	0	3,000	0	0	3,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	19	113	113	0	0	245	0	0	245
Administration - FAS	3	3	3	0	0	9	0	0	9
Inspection	0	38	38	0	0	76	0	0	76
Miscellaneous	3	15	15	0	0	33	0	0	33
Contingency	0	150	150	0	0	300	0	0	300
Total Outlay	\$275	\$1,819	\$1,819	\$0	\$0	\$3,913	\$0	\$0	\$3,913

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$275	\$1,819	\$1,819	\$0	\$0	\$3,913	\$0	\$0	\$3,913
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	\$275	\$1,819	\$1,819	\$0	\$0	\$3,913	\$0	\$0	\$3,913
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
Total Funding	\$275	\$1,819	\$1,819	\$0	\$0	\$3,913	\$0	\$0	\$3,913

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	24.1	184.3	344.5	344.5	0.0	344.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$24.1	\$184.3	\$344.5	\$344.5	\$0.0	\$344.5
Increase to Water User Fee:	0.0c	1.1c	8.1c	15.0c	14.7c	0.0c	14.5c

LOCATION:
Bel Alton, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: PGM
Influent/Effluent Pump Station	Sewer Connection 45%	Project #: 7063
<p>A thorough evaluation of Mattawoman WWTP Influent/Effluent pump stations, & the Influent Wet Well is necessary to upgrade, overhaul & replace outdated, inadequate, and/or unsafe/inefficient processes. Problems with the main pumping station include hydraulic, control, capacity, & 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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$88	\$87	\$0	\$0	\$0	\$175	\$1,094	\$0	\$1,269
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	2,050	2,050	0	0	0	4,100	8,453	0	12,553
Equipment	0	0	0	0	0	0	960	0	960
Administration	110	109	0	0	0	219	403	0	622
Administration - FAS	3	3	0	0	0	6	14	0	20
Inspection	53	52	0	0	0	105	325	0	430
Miscellaneous	33	32	0	0	0	65	92	0	157
Contingency	210	310	0	0	0	520	736	0	1,256
Total Outlay	\$2,547	\$2,643	\$0	\$0	\$0	\$5,190	\$12,077	\$0	\$17,267

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
Bonds (30 Year)	\$2,165	\$2,247	\$0	\$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
Total County Funding	\$2,165	\$2,247	\$0	\$0	\$0	\$4,412	\$9,312	\$0	\$13,724
Federal	0	0	0	0	0	0	728	0	728
State	0	0	0	0	0	0	383	0	383
Other: WSSC @ 15%	382	396	0	0	0	778	1,654	0	2,432
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$2,547	\$2,643	\$0	\$0	\$0	\$5,190	\$12,077	\$0	\$17,267

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	532.0	667.2	808.5	808.5	808.5	532.0	808.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$532.0	\$667.2	\$808.5	\$808.5	\$808.5	\$532.0	\$808.5
Increase to Sewer User Fee:	13.0¢	14.2¢	16.9¢	15.8¢	15.6¢	13.0¢	15.4¢

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Electrical System Replacement	Sewer Connection 45%	Project #: 7078
This project includes replacement of the plant's electrical system. The existing electrical system is beyond its life expectancy (over 30 years) and a phased plan will be developed to replace this equipment in a programmed manner.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$115	\$115	\$115	\$0	\$0	\$345	\$801	\$0	\$1,146
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	15	15	15	0	0	45	49	0	94
Administration - FAS	3	3	3	0	0	9	11	0	20
Inspection	0	175	175	0	0	350	45	0	395
Miscellaneous	0	0	0	0	0	0	15	0	15
Contingency	0	335	335	0	0	670	17	0	687
Total Outlay	\$133	\$4,018	\$4,018	\$0	\$0	\$8,169	\$1,488	\$0	\$9,657

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
							Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)		\$113	\$3,415	\$3,415	\$0	\$0	\$6,943	\$1,265	\$0	\$8,208
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		\$113	\$3,415	\$3,415	\$0	\$0	\$6,943	\$1,265	\$0	\$8,208
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		20	603	603	0	0	1,226	223	0	1,449
Other:		0	0	0	0	0	0	0	0	0
Total Funding		\$133	\$4,018	\$4,018	\$0	\$0	\$8,169	\$1,488	\$0	\$9,657

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0						
Debt Service: Bonds	105.2	115.1	415.9	716.6	716.6	105.2	716.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$105.2	\$115.1	\$415.9	\$716.6	\$716.6	\$105.2	\$716.6
Increase to Sewer User Fee:	2.6¢	2.4¢	8.7¢	14.0¢	13.8¢	2.6¢	13.6¢

LOCATION:	
Mattawoman WWTP	

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Flow Equalization	Sewer Connection 45%	Project #: 7095
<p>Design and construction of flow equalization/storage system at MWWTP to buffer peak flows and prevent sanitary sewer overflows and unauthorized discharges. This project also includes unit process improvements to address hydraulic inefficiencies at the plant.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$325	\$375	\$315	\$165	\$125	\$1,305	\$765	\$0	\$2,070
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	7,750	4,750	3,250	1,250	17,000	3,800	0	20,800
Equipment	0	0	0	0	0	0	0	0	0
Administration	21	21	21	21	21	105	57	0	162
Administration - FAS	3	3	3	3	3	15	12	0	27
Inspection	0	375	225	165	125	890	213	0	1,103
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	775	475	325	125	1,700	381	0	2,081
Total Outlay	\$349	\$9,299	\$5,789	\$3,929	\$1,649	\$21,015	\$5,228	\$0	\$26,243

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Bonds (30 Year)	\$297	\$7,904	\$4,921	\$3,340	\$1,402	\$17,864	\$4,444	\$0	\$22,308
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	\$297	\$7,904	\$4,921	\$3,340	\$1,402	\$17,864	\$4,444	\$0	\$22,308
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	52	1,395	868	589	247	3,151	784	0	3,935
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$349	\$9,299	\$5,789	\$3,929	\$1,649	\$21,015	\$5,228	\$0	\$26,243

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond thru FY16 FY 2021	
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	253.9	272.4	769.2	1,078.4	1,288.3	253.9	1,376.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$253.9	\$272.4	\$769.2	\$1,078.4	\$1,288.3	\$253.9	\$1,376.4
Increase to Sewer User Fee:	6.2¢	5.8¢	16.1¢	21.1¢	24.9¢	6.2¢	26.2¢

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: PGM
Mattawoman Infiltration and Inflow	Sewer Connection 45%	Project #: 7074
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$221	\$400	\$500	\$200	\$1,321	\$3,504	\$600	\$5,425
Land & ROW	63	100	100	100	100	463	50	50	563
Construction	0	5,705	3,000	4,500	3,514	16,719	5,370	2,400	24,489
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	15	15	75	334	15	424
Administration - FAS	3	3	3	3	3	15	16	3	34
Inspection	0	0	36	75	75	186	342	72	600
Miscellaneous	17	17	17	17	17	85	0	17	102
Contingency	50	50	50	50	50	250	0	50	300
Total Outlay	\$148	\$6,111	\$3,621	\$5,260	\$3,974	\$19,114	\$9,615	\$3,207	\$31,936

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)		\$92	\$3,810	\$2,258	\$3,280	\$2,478	\$11,918	\$6,136	\$2,000	\$20,054
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		\$92	\$3,810	\$2,258	\$3,280	\$2,478	\$11,918	\$6,136	\$2,000	\$20,054
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 37.65%		56	2,301	1,363	1,980	1,496	7,196	3,479	1,207	11,882
Other:		0	0	0	0	0	0	0	0	0
Total Funding		\$148	\$6,111	\$3,621	\$5,260	\$3,974	\$19,114	\$9,615	\$3,207	\$31,936

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	350.5	356.3	595.7	737.6	943.8	350.5	1,225.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$350.5	\$356.3	\$595.7	\$737.6	\$943.8	\$350.5	\$1,225.2
Increase to Sewer User Fee:	8.6¢	7.6¢	12.5¢	14.5¢	18.2¢	8.6¢	23.3¢

LOCATION:
Mattawoman Sewer Service Area

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
Mattawoman WWTP Automation	Sewer Connection 45%	Project #: 7083
<p>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.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$125	\$65	\$65	\$0	\$0	\$255	\$725	\$0	\$980
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	1,275	1,225	0	0	2,500	975	0	3,475
Equipment	0	0	0	0	0	0	1,214	0	1,214
Administration	21	21	21	0	0	63	0	0	63
Administration - FAS	3	3	3	0	0	9	75	0	84
Inspection	0	83	82	0	0	165	85	0	250
Miscellaneous	0	0	0	0	0	0	1	0	1
Contingency	0	128	123	0	0	251	46	0	297
Total Outlay	\$149	\$1,575	\$1,519	\$0	\$0	\$3,243	\$3,121	\$0	\$6,364

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Bonds (15 Year)		\$127	\$1,339	\$1,291	\$0	\$0	\$2,757	\$2,353	\$0	\$5,110
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		\$127	\$1,339	\$1,291	\$0	\$0	\$2,757	\$2,353	\$0	\$5,110
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	300	0	300
Other: WSSC @ 15%		22	236	228	0	0	486	468	0	954
Other:		0	0	0	0	0	0	0	0	0
Total Funding		\$149	\$1,575	\$1,519	\$0	\$0	\$3,243	\$3,121	\$0	\$6,364

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond thru FY16 FY 2021	
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	195.7	206.8	324.7	438.4	438.4	195.7	438.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$195.7	\$206.8	\$324.7	\$438.4	\$438.4	\$195.7	\$438.4
Increase to Sewer User Fee:	4.8¢	4.4¢	6.8¢	8.6¢	8.5¢	4.8¢	8.4¢

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: DPW
Pump Station Rehabs and Replacements	Sewer Connection 0%	Project #: 7097
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$175	\$175	\$115	\$115	\$115	\$695	\$436	\$115	\$1,246
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,275	1,275	1,100	1,100	1,100	5,850	1,221	1,100	8,171
Equipment	0	0	0	0	0	0	0	0	0
Administration	52	52	52	52	52	260	72	52	384
Administration - FAS	3	3	3	3	3	15	0	3	18
Inspection	55	55	115	115	115	455	452	115	1,022
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	128	128	110	110	110	586	171	110	867
Total Outlay	\$1,688	\$1,688	\$1,495	\$1,495	\$1,495	\$7,861	\$2,352	\$1,495	\$11,708

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$1,688	\$1,688	\$1,495	\$1,495	\$1,495	\$7,861	\$2,352	\$1,495	\$11,708
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	\$1,688	\$1,688	\$1,495	\$1,495	\$1,495	\$7,861	\$2,352	\$1,495	\$11,708
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
Total Funding	\$1,688	\$1,688	\$1,495	\$1,495	\$1,495	\$7,861	\$2,352	\$1,495	\$11,708

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond thru FY16 FY 2021	
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	195.6	343.7	492.4	624.0	755.7	195.6	1,019.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$195.6	\$343.7	\$492.4	\$624.0	\$755.7	\$195.6	\$1,019.0
Increase to Sewer User Fee:	8.7¢	13.3¢	18.7¢	22.2¢	26.5¢	8.7¢	35.3¢

LOCATION:
Various pumping stations countywide

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: DPW
Satellite Wastewater Facility Upgrades	Sewer Connection 0%	Project #: 7098
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$75	\$75	\$75	\$75	\$75	\$375	\$398	\$75	\$848
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	375	375	375	375	375	1,875	741	375	2,991
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	12	12	12	12	60	49	12	121
Administration - FAS	3	3	3	3	3	15	0	3	18
Inspection	38	38	38	38	38	190	171	38	399
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	38	38	38	38	38	190	38	38	266
Total Outlay	\$541	\$541	\$541	\$541	\$541	\$2,705	\$1,397	\$541	\$4,643

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
							Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)		\$541	\$541	\$541	\$541	\$541	\$2,705	\$1,397	\$541	\$4,643
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		\$541	\$541	\$541	\$541	\$541	\$2,705	\$1,397	\$541	\$4,643
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
Total Funding		\$541	\$541	\$541	\$541	\$541	\$2,705	\$1,397	\$541	\$4,643

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0						
Debt Service: Bonds	116.2	163.7	211.3	259.0	306.6	116.2	401.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$116.2	\$163.7	\$211.3	\$259.0	\$306.6	\$116.2	\$401.9
Increase to Sewer User Fee:	5.2¢	6.3¢	8.0¢	9.2¢	10.8¢	5.2¢	13.9¢

LOCATION:
Various Sites-see description

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Clarifier and Thickener Repairs	Sewer Connection 45%	Project #: 7093
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$150	\$150	\$150	\$150	\$150	\$750	\$675	\$150	\$1,575
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	675	675	675	675	675	3,375	2,170	675	6,220
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	12	12	12	12	60	63	12	135
Administration - FAS	3	3	3	3	3	15	0	3	18
Inspection	68	68	68	68	68	340	171	68	579
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	68	68	68	68	68	338	121	68	527
Total Outlay	\$976	\$976	\$976	\$976	\$976	\$4,878	\$3,200	\$976	\$9,054

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Bonds (30 Year)	\$830	\$830	\$830	\$830	\$830	\$4,148	\$2,720	\$830	\$7,698
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	\$830	\$830	\$830	\$830	\$830	\$4,148	\$2,720	\$830	\$7,698
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	480	146	1,356
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$976	\$976	\$976	\$976	\$976	\$4,878	\$3,200	\$976	\$9,054

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond thru FY16 FY 2021	
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	155.4	207.3	259.4	311.5	363.6	155.4	467.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$155.4	\$207.3	\$259.4	\$311.5	\$363.6	\$155.4	\$467.9
Increase to Sewer User Fee:	3.8¢	4.4¢	5.4¢	6.1¢	7.0¢	3.8¢	8.9¢

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User	Requested By: DPW
Swan Point and Cobb Island Sewer System	Sewer Connection 100%	Project #:
Capacity Analysis and Improvements		
This project will evaluate the capacity of the existing Swan Point and Cobb Island sewer systems and determine/implement the improvements necessary to support additional connections from within the existing service areas and from failing septic in the area.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$275	\$0	\$275	\$0	\$120	\$395
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	1,200	1,200
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	12	0	12	0	15	27
Administration - FAS	0	0	0	3	0	3	0	3	6
Inspection	0	0	0	0	0	0	0	120	120
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$0	\$0	\$290	\$0	\$290	\$0	\$1,458	\$1,748

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Bonds (30 Year)		\$0	\$0	\$0	\$290	\$0	\$290	\$0	\$1,458	\$1,748
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	\$290	\$0	\$290	\$0	\$1,458	\$1,748
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
Total Funding		\$0	\$0	\$0	\$290	\$0	\$290	\$0	\$1,458	\$1,748

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	18.2	0.0	109.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$18.2	\$0.0	\$109.9
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION:
Cobb Island, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Utility Water System Evaluation & Improvement	Sewer Connection 45%	Project #: 7101
<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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$45	\$45	\$0	\$0	\$90	\$205	\$0	\$295
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	975	375	0	0	1,350	375	0	1,725
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	12	12	0	0	24	27	0	51
Administration - FAS	0	3	3	0	0	6	9	0	15
Inspection	0	98	38	0	0	136	35	0	171
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	98	38	0	0	136	38	0	174
Total Outlay	\$0	\$1,231	\$511	\$0	\$0	\$1,742	\$689	\$0	\$2,431

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Bonds (30 Year)	\$0	\$1,046	\$434	\$0	\$0	\$1,480	\$585	\$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
Total County Funding	\$0	\$1,046	\$434	\$0	\$0	\$1,480	\$585	\$0	\$2,065
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	185	77	0	0	262	104	0	366
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$1,231	\$511	\$0	\$0	\$1,742	\$689	\$0	\$2,431

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond thru FY16 FY 2021	
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	33.4	33.4	99.2	126.4	126.4	33.4	126.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$33.4	\$33.4	\$99.2	\$126.4	\$126.4	\$33.4	\$126.4
Increase to Sewer User Fee:	0.8¢	0.7¢	2.1¢	2.5¢	2.4¢	0.8¢	2.4¢

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: PGM
Sewer Model Update	Sewer Connection 45%	Project #: 7091
<p>Update the current County Sewer Model by including newly installed sewer lines and verifying system stability and identify deficiencies. An interactive component to the County sewer model is needed to determine available service areas for both new and existing sewage pump stations. FY 2017's funding is for a two different studies. (1) PSSA sewer model to ensure development projects are constructing or improving infrastructure in the appropriate sewershed, in order for the County to efficiently manage future flows in the most cost effective manner. An expansion of the current County sewer model is needed to include small diameter sewer pipes not currently being analyzed. PSSA is estimated to cost \$30,000. (2) To develop a Dynamic Sewer Model which will demonstrate extended peak flows in the system from storm events, and assisting the County staff in determining previously unforeseen operational issues or system failures. This model will cost \$176,000 over next three fiscal years (FY17-FY19).</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$93	\$93	\$80	\$30	\$30	\$326	\$180	\$30	\$536
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	66	66	66	66	66	330	116	66	512
Administration - FAS	3	3	3	3	3	15	14	3	32
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	1	1	1	0	0	3	0	0	3
Contingency	9	9	8	4	4	34	24	4	62
Total Outlay	\$172	\$172	\$158	\$103	\$103	\$708	\$334	\$103	\$1,145

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
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	172	172	158	103	103	708	334	103	1,145
Total County Funding	\$172	\$172	\$158	\$103	\$103	\$708	\$334	\$103	\$1,145
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
Total Funding	\$172	\$172	\$158	\$103	\$103	\$708	\$334	\$103	\$1,145

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Sewer User Fee:	1.7¢	0.0¢	-0.3¢	-1.1¢	0.0¢	2.5¢	0.0¢

LOCATION:
County-wide

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Mattawoman WWTP Berm Relocation	Sewer User Sewer Connection	0% 100%	Requested By: PGM Project #: 7094
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.			

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$298	\$200	\$200	\$200	\$0	\$898	\$325	\$0	\$1,223
Land & ROW	0	0	84	0	0	84	546	0	630
Construction	0	0	0	30	122	152	0	1,261	1,413
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	15	15	75	17	15	107
Administration - FAS	3	3	3	3	3	15	4	3	22
Inspection	0	0	0	15	15	30	0	15	45
Miscellaneous	17	17	0	0	0	34	31	17	82
Contingency	0	0	0	19	25	44	6	55	105
Total Outlay	\$333	\$235	\$302	\$282	\$180	\$1,332	\$929	\$1,366	\$3,627

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)	\$333	\$235	\$302	\$282	\$180	\$1,332	\$929	\$1,366	\$3,627
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	\$333	\$235	\$302	\$282	\$180	\$1,332	\$929	\$1,366	\$3,627
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
Total Funding	\$333	\$235	\$302	\$282	\$180	\$1,332	\$929	\$1,366	\$3,627

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	53.1	73.9	88.6	107.6	125.3	53.1	222.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$53.1	\$73.9	\$88.6	\$107.6	\$125.3	\$53.1	\$222.5
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION: Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: PGM
Piney Branch Sewer Replacement (Upper Reaches)	Sewer Connection 0%	Project #: 7104
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	400	0	0	0	0	400	1,113	0	1,513
Equipment	0	0	0	0	0	0	0	0	0
Administration	20	0	0	0	0	20	32	0	52
Administration - FAS	3	0	0	0	0	3	6	0	9
Inspection	12	0	0	0	0	12	16	0	28
Miscellaneous	4	0	0	0	0	4	7	0	11
Contingency	40	0	0	0	0	40	60	0	100
Total Outlay	\$479	\$0	\$0	\$0	\$0	\$479	\$1,474	\$0	\$1,953

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$479	\$0	\$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
Total County Funding	\$479	\$0	\$0	\$0	\$0	\$479	\$1,474	\$0	\$1,953
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
Total Funding	\$479	\$0	\$0	\$0	\$0	\$479	\$1,474	\$0	\$1,953

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	122.6	164.6	164.6	164.6	164.6	122.6	164.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$122.6	\$164.6	\$164.6	\$164.6	\$164.6	\$122.6	\$164.6
Increase to Sewer User Fee:	5.4¢	6.4¢	6.3¢	5.9¢	5.8¢	5.4¢	5.7¢

LOCATION:
ADC MAP 10(E4-D3)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 50%	Requested By: PGM
MD. Route 5 Pump Station Forcemain	Sewer Connection 50%	Project #: 7106
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$58	\$0	\$0	\$0	\$0	\$58	\$170	\$0	\$228
Land & ROW	80	0	0	0	0	80	60	0	140
Construction	0	580	0	0	0	580	750	0	1,330
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	46	0	0	0	58	27	0	85
Administration - FAS	3	3	0	0	0	6	6	0	12
Inspection	9	25	0	0	0	34	14	0	48
Miscellaneous	15	5	0	0	0	20	6	0	26
Contingency	0	58	0	0	0	58	50	0	108
Total Outlay	\$177	\$717	\$0	\$0	\$0	\$894	\$1,083	\$0	\$1,977

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)	\$177	\$717	\$0	\$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
Total County Funding	\$177	\$717	\$0	\$0	\$0	\$894	\$1,083	\$0	\$1,977
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
Total Funding	\$177	\$717	\$0	\$0	\$0	\$894	\$1,083	\$0	\$1,977

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	61.9	72.9	118.0	118.0	118.0	61.9	118.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$61.9	\$72.9	\$118.0	\$118.0	\$118.0	\$61.9	\$118.0
Increase to Sewer User Fee:	1.4¢	1.4¢	2.2¢	2.1¢	2.1¢	1.4¢	2.0¢

LOCATION:
ADC MAP 10(K4-H5)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Zekiah Pump Station Upgrade	Sewer User 23% Sewer Connection 77%	Requested By: PGM Project #: 7107
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	500	500	500	1,500	500	0	2,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	25	25	25	75	35	0	110
Administration - FAS	0	0	3	3	3	9	6	0	15
Inspection	0	0	15	15	15	45	21	0	66
Miscellaneous	0	0	5	5	5	15	7	0	22
Contingency	0	0	50	50	50	150	50	0	200
Total Outlay	\$0	\$0	\$598	\$598	\$598	\$1,794	\$819	\$0	\$2,613

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)		\$0	\$0	\$598	\$598	\$598	\$1,794	\$819	\$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		\$0	\$0	\$598	\$598	\$598	\$1,794	\$819	\$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
Total Funding		\$0	\$0	\$598	\$598	\$598	\$1,794	\$819	\$0	\$2,613

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	46.8	46.8	46.8	84.4	122.0	46.8	159.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$46.8	\$46.8	\$46.8	\$84.4	\$122.0	\$46.8	\$159.5
Increase to Sewer User Fee:	0.5¢	0.4¢	0.4¢	0.7¢	1.0¢	0.5¢	1.3¢

LOCATION: ADC MAP 10(H2)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Zekiah Pump Station Forcemain	Sewer User 23% Sewer Connection 77%	Requested By: PGM Project #: 7108
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$110
Land & ROW	150	150	0	0	0	300	200	0	500
Construction	0	0	500	1,000	0	1,500	500	0	2,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	11	11	25	50	0	97	41	0	138
Administration - FAS	3	3	3	3	0	12	6	0	18
Inspection	0	0	15	30	0	45	24	0	69
Miscellaneous	0	0	5	10	0	15	7	0	22
Contingency	0	0	50	50	0	100	50	0	150
Total Outlay	\$164	\$164	\$598	\$1,143	\$0	\$2,069	\$938	\$0	\$3,007

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
							Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)		\$164	\$164	\$598	\$1,143	\$0	\$2,069	\$938	\$0	\$3,007
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		\$164	\$164	\$598	\$1,143	\$0	\$2,069	\$938	\$0	\$3,007
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
Total Funding		\$164	\$164	\$598	\$1,143	\$0	\$2,069	\$938	\$0	\$3,007

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	53.6	63.8	74.1	111.7	183.6	53.6	183.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$53.6	\$63.8	\$74.1	\$111.7	\$183.6	\$53.6	\$183.6
Increase to Sewer User Fee:	0.5¢	0.6¢	0.6¢	0.9¢	1.5¢	0.5¢	1.5¢

LOCATION: ADC MAP 10(H2)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 23%	Requested By: PGM
Zekiah Interceptor Sewer Upgrades	Sewer Connection 77%	Project #: 7109
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$360	\$0	\$360
Land & ROW	20	20	20	0	0	60	40	0	100
Construction	650	650	650	0	0	1,950	650	0	2,600
Equipment	0	0	0	0	0	0	0	0	0
Administration	34	34	34	0	0	102	53	0	155
Administration - FAS	3	3	3	0	0	9	6	0	15
Inspection	20	20	20	0	0	60	31	0	91
Miscellaneous	7	7	7	0	0	21	11	0	32
Contingency	65	65	65	0	0	195	65	0	260
Total Outlay	\$799	\$799	\$799	\$0	\$0	\$2,397	\$1,216	\$0	\$3,613

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
							Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)		\$799	\$799	\$799	\$0	\$0	\$2,397	\$1,216	\$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
Total County Funding		\$799	\$799	\$799	\$0	\$0	\$2,397	\$1,216	\$0	\$3,613
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
Total Funding		\$799	\$799	\$799	\$0	\$0	\$2,397	\$1,216	\$0	\$3,613

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	69.5	119.4	169.6	219.8	219.8	69.5	219.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$69.5	\$119.4	\$169.6	\$219.8	\$219.8	\$69.5	\$219.8
Increase to Sewer User Fee:	0.7c	1.1c	1.5c	1.8c	1.8c	0.7c	1.8c

LOCATION:
ADC MAP 4(D10 to G12)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Cliffton WWTP Improvements	Sewer User 100% Sewer Connection 0%	Requested By: DPW Project #: 7123
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$125	\$125	\$0	\$0	\$0	\$250	\$225	\$0	\$475
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,125	1,125	0	0	0	2,250	0	0	2,250
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	12	0	0	0	24	12	0	36
Administration - FAS	3	3	0	0	0	6	3	0	9
Inspection	125	125	0	0	0	250	0	0	250
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	113	113	0	0	0	226	0	0	226
Total Outlay	\$1,503	\$1,503	\$0	\$0	\$0	\$3,006	\$240	\$0	\$3,246

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
							Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)		\$1,503	\$1,503	\$0	\$0	\$0	\$3,006	\$240	\$0	\$3,246
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		\$1,503	\$1,503	\$0	\$0	\$0	\$3,006	\$240	\$0	\$3,246
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
Total Funding		\$1,503	\$1,503	\$0	\$0	\$0	\$3,006	\$240	\$0	\$3,246

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	20.0	151.9	284.2	284.2	284.2	20.0	284.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$20.0	\$151.9	\$284.2	\$284.2	\$284.2	\$20.0	\$284.2
Increase to Sewer User Fee:	0.9¢	5.9¢	10.8¢	10.1¢	10.0¢	0.9¢	9.8¢

LOCATION: Cliffton, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 75%	Requested By: PGM
Mt. Carmel Woods/College of Southern Maryland	Sewer Connection 25%	Project #: 7058
(CSM) Pump Stations & Force mains Phase 3		
<p>To provide sewer to meet the schedule for the proposed National Guard Readiness Center, 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>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$296	\$0	\$296
Land & ROW	1,500	0	0	0	0	1,500	1,541	0	3,041
Construction	1,700	0	0	0	0	1,700	7,587	0	9,287
Equipment	0	0	0	0	0	0	0	0	0
Administration	130	0	0	0	0	130	298	0	428
Administration - FAS	3	0	0	0	0	3	9	0	12
Inspection	67	0	0	0	0	67	480	0	547
Miscellaneous	5	0	0	0	0	5	82	0	87
Contingency	170	0	0	0	0	170	721	0	891
Total Outlay	\$3,575	\$0	\$0	\$0	\$0	\$3,575	\$11,015	\$0	\$14,590

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
Bonds (30 Year)	\$3,575	\$0	\$0	\$0	\$0	\$3,575	\$10,437	\$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
Total County Funding	\$3,575	\$0	\$0	\$0	\$0	\$3,575	\$10,469	\$0	\$14,044
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
Total Funding	\$3,575	\$0	\$0	\$0	\$0	\$3,575	\$11,015	\$0	\$14,590

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	596.3	819.6	819.6	819.6	819.6	596.3	819.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$596.3	\$819.6	\$819.6	\$819.6	\$819.6	\$596.3	\$819.6
Increase to Sewer User Fee:	20.9¢	23.7¢	23.4¢	21.9¢	21.6¢	20.9¢	21.3¢

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

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Belt Filter Press Replacement	Sewer Connection 45%	Project #: 7116
Belt Filter Presses #1 through #3 of the sludge process at MWWTP are aged and in need of replacement. Work includes replacement of all mechanical, electrical, and structural components.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$175	\$175	\$0	\$0	\$0	\$350	\$255	\$0	\$605
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	3,350	3,350	0	0	0	6,700	800	0	7,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	12	0	0	0	24	0	0	24
Administration - FAS	3	3	0	0	0	6	30	0	36
Inspection	175	175	0	0	0	350	40	0	390
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	335	335	0	0	0	670	80	0	750
Total Outlay	\$4,050	\$4,050	\$0	\$0	\$0	\$8,100	\$1,205	\$0	\$9,305

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
							Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)		\$3,442	\$3,442	\$0	\$0	\$0	\$6,884	\$1,024	\$0	\$7,908
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		\$3,442	\$3,442	\$0	\$0	\$0	\$6,884	\$1,024	\$0	\$7,908
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		608	608	0	0	0	1,216	181	0	1,397
Other:		0	0	0	0	0	0	0	0	0
Total Funding		\$4,050	\$4,050	\$0	\$0	\$0	\$8,100	\$1,205	\$0	\$9,305

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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	(99.3)	(101.3)	(103.3)	0.0	(105.4)
Total Operating	\$0.0	\$0.0	(\$99.3)	(\$101.3)	(\$103.3)	\$0.0	(\$105.4)
Debt Service: Bonds	58.5	273.6	489.9	489.9	489.9	58.5	489.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$58.5	\$273.6	\$390.6	\$388.6	\$386.6	\$58.5	\$384.5
Increase to Sewer User Fee:	1.4¢	5.8¢	6.5¢	6.0¢	5.8¢	1.4¢	5.7¢

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Primary Clarifiers #1-4 Demolition	Sewer Connection 45%	Project #:
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.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$175	\$145	\$320	\$0	\$145	\$465
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	12	10	22	0	15	37
Administration - FAS	0	0	0	3	3	6	0	0	6
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
Total Outlay	\$0	\$0	\$0	\$190	\$158	\$348	\$0	\$1,900	\$2,248

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
Bonds (30 Year)	\$0	\$0	\$0	\$161	\$134	\$295	\$0	\$1,615	\$1,910
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	\$161	\$134	\$295	\$0	\$1,615	\$1,910
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	29	24	53	0	285	338
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$0	\$190	\$158	\$348	\$0	\$1,900	\$2,248

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	10.1	0.0	120.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$10.1	\$0.0	\$120.0
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.2¢	0.0¢	2.3¢

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Hughesville Sewer System	Sewer User Sewer Connection	0% 100%	Requested By: PGM Project #:
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.			

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$350	\$0	\$0	\$0	\$350	\$0	\$0	\$350
Land & ROW	0	380	0	0	0	380	0	0	380
Construction	0	0	1,750	1,750	0	3,500	0	0	3,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	57	133	133	0	323	0	0	323
Administration - FAS	0	3	3	3	0	9	0	0	9
Inspection	0	0	73	73	0	146	0	0	146
Miscellaneous	0	15	5	5	0	25	0	0	25
Contingency	0	37	175	175	0	387	0	0	387
Total Outlay	\$0	\$842	\$2,139	\$2,139	\$0	\$5,120	\$0	\$0	\$5,120

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)	\$0	\$716	\$1,818	\$1,818	\$0	\$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	\$716	\$1,818	\$1,818	\$0	\$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	126	321	321	0	768	0	0	768
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$842	\$2,139	\$2,139	\$0	\$5,120	\$0	\$0	\$5,120

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	45.0	159.2	273.5	0.0	273.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$45.0	\$159.2	\$273.5	\$0.0	\$273.5
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION: Hughesville

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: PGM
Southwinds Pump Station Outfall Gravity Sewer	Sewer Connection 0%	Project #: 7125
<p>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.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$40	\$0	\$40
Land & ROW	0	0	0	0	0	0	40	0	40
Construction	400	0	0	0	0	400	0	0	400
Equipment	0	0	0	0	0	0	0	0	0
Administration	32	0	0	0	0	32	8	0	40
Administration - FAS	3	0	0	0	0	3	3	0	6
Inspection	18	0	0	0	0	18	0	0	18
Miscellaneous	5	0	0	0	0	5	15	0	20
Contingency	40	0	0	0	0	40	0	0	40
Total Outlay	\$498	\$0	\$0	\$0	\$0	\$498	\$106	\$0	\$604

FINANCING SOURCES		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		5-Year	
Bonds (15 Year)		\$498	\$0	\$0	\$0	\$0	\$0	\$498	\$106	\$0	\$604		
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		
Total County Funding		\$498	\$0	\$0	\$0	\$0	\$0	\$498	\$106	\$0	\$604		
Federal		0	0	0	0	0	0	0	0	0	0		
State		0	0	0	0	0	0	0	0	0	0		
Other: WSSC @ 15%		0	0	0	0	0	0	0	0	0	0		
Other:		0	0	0	0	0	0	0	0	0	0		
Total Funding		\$498	\$0	\$0	\$0	\$0	\$0	\$498	\$106	\$0	\$604		

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	8.8	52.5	52.5	52.5	52.5	8.8	52.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$8.8	\$52.5	\$52.5	\$52.5	\$52.5	\$8.8	\$52.5
Increase to Sewer User Fee:	0.4¢	2.0¢	2.0¢	1.9¢	1.8¢	0.4¢	1.8¢

LOCATION:
Southwinds Pump Station

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Septage Receiving Facility Improvements	Sewer Connection 45%	Project #:
This facility does not have sufficient means of debris removal that causes constant clogging of pumps and extensive cleaning of the wetwell on a routine basis. This project will evaluate methods of debris removal for this facility and then implement the best approach.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$45	\$75	\$25	\$25	\$0	\$170	\$0	\$0	\$170
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	175	375	0	550	0	0	550
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	12	12	12	0	48	0	0	48
Administration - FAS	3	3	3	3	0	12	0	0	12
Inspection	0	0	35	55	0	90	0	0	90
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	18	38	0	56	0	0	56
Total Outlay	\$60	\$90	\$268	\$508	\$0	\$926	\$0	\$0	\$926

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)	\$51	\$76	\$228	\$432	\$0	\$787	\$0	\$0	\$787
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	\$51	\$76	\$228	\$432	\$0	\$787	\$0	\$0	\$787
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	9	14	40	76	0	139	0	0	139
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$60	\$90	\$268	\$508	\$0	\$926	\$0	\$0	\$926

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	3.2	8.0	22.3	49.4	0.0	49.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$3.2	\$8.0	\$22.3	\$49.4	\$0.0	\$49.4
Increase to Sewer User Fee:	0.0¢	0.1¢	0.2¢	0.4¢	1.0¢	0.0¢	0.9¢

LOCATION:	Mattawoman WWTP
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: DPW
Swan Pt. WWTP Electrical and Control System	Sewer Connection 0%	Project #:
Improvements		
Problems experienced with the existing electrical and control systems have caused concern from a safety and reliability perspective. This project will evaluate these systems and then implement the best approach for repairs and/or replacement.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '17-'21			
Architectural & Engineering	\$125	\$75	\$25	\$25	\$0	\$250	\$0	\$0	\$250
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	325	225	175	150	0	875	0	0	875
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	12	12	12	0	48	0	0	48
Administration - FAS	3	3	3	3	0	12	0	0	12
Inspection	75	55	45	45	0	220	0	0	220
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	33	23	18	15	0	89	0	0	89
Total Outlay	\$573	\$393	\$278	\$250	\$0	\$1,494	\$0	\$0	\$1,494

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$573	\$393	\$278	\$250	\$0	\$1,494	\$0	\$0	\$1,494
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	\$573	\$393	\$278	\$250	\$0	\$1,494	\$0	\$0	\$1,494
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
Total Funding	\$573	\$393	\$278	\$250	\$0	\$1,494	\$0	\$0	\$1,494

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	50.3	84.9	109.4	131.4	0.0	131.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$50.3	\$84.9	\$109.4	\$131.4	\$0.0	\$131.4
Increase to Sewer User Fee:	0.0¢	1.9¢	3.2¢	3.9¢	4.6¢	0.0¢	4.6¢

LOCATION:
Swan Pt. WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: DPW
Post Office Road Sewer Capacity Improvements	Sewer Connection 0%	Project #:
This project includes evaluation and implementation of recommended improvements to approximately 3,500 LF of sewer in the area of Post Office Road and St. Charles Parkway to address capacity and maintenance concerns.		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$175	\$35	\$45	\$0	\$0	\$255	\$0	\$0	\$255
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	275	575	0	0	850	0	0	850
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	12	12	0	0	36	0	0	36
Administration - FAS	3	3	3	0	0	9	0	0	9
Inspection	0	75	125	0	0	200	0	0	200
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	28	58	0	0	86	0	0	86
Total Outlay	\$190	\$428	\$818	\$0	\$0	\$1,436	\$0	\$0	\$1,436

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (15 Year)	\$190	\$428	\$818	\$0	\$0	\$1,436	\$0	\$0	\$1,436
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	\$190	\$428	\$818	\$0	\$0	\$1,436	\$0	\$0	\$1,436
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
Total Funding	\$190	\$428	\$818	\$0	\$0	\$1,436	\$0	\$0	\$1,436

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	16.7	54.4	126.4	126.4	0.0	126.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$16.7	\$54.4	\$126.4	\$126.4	\$0.0	\$126.4
Increase to Sewer User Fee:	0.0¢	0.6¢	2.1¢	4.5¢	4.4¢	0.0¢	4.4¢

LOCATION:
Waldorf, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: PGM
Sewer Easement Study & Acquisition	Sewer Connection 0%	Project #:
<p>This project will identify and map water and sewer easements that are needed for the Department of Public Works to access and maintain public water and sewer infrastructure. The Study will also identify where easements are missing and develop a list of necessary easements needed for proper maintenance, including logical access routes and ground cover maintenance.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp.	Beyond	Project
						Total '17-'21	thru FY16	FY 2021	Total
Architectural & Engineering	\$75	\$75	\$50	\$0	\$0	\$200	\$0	\$0	\$200
Land & ROW	75	75	75	0	0	225	0	0	225
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	8	2	2	0	0	12	0	0	12
Administration - FAS	3	5	5	0	0	13	0	0	13
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	5	5	5	0	0	15	0	0	15
Contingency	3	3	3	0	0	9	0	0	9
Total Outlay	\$169	\$165	\$140	\$0	\$0	\$474	\$0	\$0	\$474

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp.	Beyond	Project
						Total '17-'21	thru FY16	FY 2021	Total
Bonds (15 Year)	\$169	\$165	\$140	\$0	\$0	\$474	\$0	\$0	\$474
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	\$169	\$165	\$140	\$0	\$0	\$474	\$0	\$0	\$474
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
Total Funding	\$169	\$165	\$140	\$0	\$0	\$474	\$0	\$0	\$474

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp.	Beyond
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	14.8	29.4	41.7	41.7	0.0	41.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$14.8	\$29.4	\$41.7	\$41.7	\$0.0	\$41.7
Increase to Sewer User Fee:	0.0c	0.6c	1.1c	1.5c	1.5c	0.0c	1.4c

LOCATION:

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Line Maintenance Storage Building	Sewer User 100% Sewer Connection 0%	Requested By: DPW Project #:
<p>This project will construct a building located at Mattawoman WWTP to protect trucks and other equipment from the weather, especially during the winter months where freezing is a concern.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp.	Beyond	Project
						Total '17-'21	thru FY16	FY 2021	Total
Architectural & Engineering	\$35	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$35
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	375	0	0	0	0	375	0	0	375
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	0	0	0	0	3	0	0	3
Administration - FAS	3	0	0	0	0	3	0	0	3
Inspection	35	0	0	0	0	35	0	0	35
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	38	0	0	0	0	38	0	0	38
Total Outlay	\$489	\$0	\$0	\$0	\$0	\$489	\$0	\$0	\$489

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp.	Beyond	Project
							Total '17-'21	thru FY16	FY 2021	Total
Bonds (15 Year)		\$489	\$0	\$0	\$0	\$0	\$489	\$0	\$0	\$489
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		\$489	\$0	\$0	\$0	\$0	\$489	\$0	\$0	\$489
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
Total Funding		\$489	\$0	\$0	\$0	\$0	\$489	\$0	\$0	\$489

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp.	Beyond
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	42.9	42.9	42.9	42.9	0.0	42.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$42.9	\$42.9	\$42.9	\$42.9	\$0.0	\$42.9
Increase to Sewer User Fee:	0.0¢	1.7¢	1.6¢	1.5¢	1.5¢	0.0¢	1.5¢

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: PGM
Indian Head Manor PS Removal	Sewer Connection 0%	Project #:
The Indian Head Manor Sewer Pump Station will need to be abandoned in conjunction with the Guilford Subdivision		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp.	Beyond	Project
						Total '17-'21	thru FY16	FY 2021	Total
Architectural & Engineering	\$0	\$15	\$0	\$0	\$0	\$15	\$0	\$0	\$15
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	75	0	0	0	75	0	0	75
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	12	0	0	0	12	0	0	12
Administration - FAS	0	3	0	0	0	3	0	0	3
Inspection	0	4	0	0	0	4	0	0	4
Miscellaneous	0	2	0	0	0	2	0	0	2
Contingency	0	15	0	0	0	15	0	0	15
Total Outlay	\$0	\$126	\$0	\$0	\$0	\$126	\$0	\$0	\$126

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp.	Beyond	Project
							Total '17-'21	thru FY16	FY 2021	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	126	0	0	0	126	0	0	126
Total County Funding		\$0	\$126	\$0	\$0	\$0	\$126	\$0	\$0	\$126
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
Total Funding		\$0	\$126	\$0	\$0	\$0	\$126	\$0	\$0	\$126

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp.	Beyond
						thru FY16	FY 2021
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
Total Operating	\$0.0						
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
Total Impact	\$0.0						
Increase to Sewer User Fee:	0.0¢	4.9¢	-4.8¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION:
Indian Head, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User 50%	Requested By: PGM
Sewer Pump Station Capacity Study	Sewer Connection 50%	Project #:
<p>A comprehensive update and analysis of existing County sewer pump stations is needed to accurately represent the true capacity and limitations of our sewer infrastructure for maintenance planning as well as analyzing the impact of currently proposed development on the sewer systems, as well as an impact analysis of future build-out.</p>		

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$150	\$0	\$0	\$150	\$0	\$0	\$150
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
Administration - FAS	0	0	3	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	2	0	0	2	0	0	2
Contingency	0	0	3	0	0	3	0	0	3
Total Outlay	\$0	\$0	\$169	\$0	\$0	\$169	\$0	\$0	\$169

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	0	0	169	0	0	169	0	0	169
Total County Funding	\$0	\$0	\$169	\$0	\$0	\$169	\$0	\$0	\$169
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
Total Funding	\$0	\$0	\$169	\$0	\$0	\$169	\$0	\$0	\$169

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Sewer User Fee:	0.0¢	0.0¢	3.2¢	-3.0¢	0.0¢	0.0¢	0.0¢

LOCATION:

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Sewer User	0%	Requested By: PGM
Sewer Detail Revisions	Sewer Connection	100%	Project #:
<p>Consultant assistance is needed to prepare updated sewer infrastructure detail schematics to guide engineers designing public sewer infrastructure. Certain design detail schematics may not be consistent with the current industry standards.</p>			

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$30	\$0	\$0	\$0	\$0	\$30	\$0	\$0	\$30
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	2	0	0	0	0	2	0	0	2
Administration - FAS	3	0	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	1	0	0	0	0	1	0	0	1
Contingency	1	0	0	0	0	1	0	0	1
Total Outlay	\$37	\$0	\$0	\$0	\$0	\$37	\$0	\$0	\$37

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	37	0	0	0	0	37	0	0	37
Total County Funding	\$37	\$0	\$0	\$0	\$0	\$37	\$0	\$0	\$37
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
Total Funding	\$37	\$0	\$0	\$0	\$0	\$37	\$0	\$0	\$37

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

LOCATION:

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:

Automation & Technology Master Plan - Landfill

Requested By: DPW

Project #:

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, this project represent Phase III – Landfill only.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$300	\$0	\$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	400	0	0	0	0	400	0	0	400
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	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	70	0	0	0	0	70	0	0	70
Total Outlay	\$773	\$0	\$0	\$0	\$0	\$773	\$0	\$0	\$773

FINANCING SOURCES		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		5-Year			
												Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (10 Year)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation		773	0	0	0	0	0	0	0	0	0	773	0	0	773
Operating Transfer		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total County Funding		\$773	\$0	\$773	\$0	\$0	\$773								
Federal		0	0	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	0	0
Other:		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Funding		\$773	\$0	\$773	\$0	\$0	\$773								

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. Beyond	
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
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
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Annual Tipping fee:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

LOCATION:

Charles County Landfill

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Landfill Leachate Conveyance System	Project #:
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$210	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$210
Land & ROW	20	0	0	0	0	20	0	0	20
Construction	0	788	787	0	0	1,575	0	0	1,575
Equipment	0	0	0	0	0	0	0	0	0
Administration	11	41	40	0	0	92	0	0	92
Administration - FAS	3	3	3	0	0	9	0	0	9
Inspection	29	42	42	0	0	113	0	0	113
Miscellaneous	5	8	8	0	0	21	0	0	21
Contingency	0	79	79	0	0	158	0	0	158
Total Outlay	\$278	\$961	\$959	\$0	\$0	\$2,198	\$0	\$0	\$2,198

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)	\$278	\$961	\$959	\$0	\$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	\$278	\$961	\$959	\$0	\$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
Total Funding	\$278	\$961	\$959	\$0	\$0	\$2,198	\$0	\$0	\$2,198

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
No. of Personnel	0.00	0.00	(0.50)	(0.50)	(0.50)	0.00	(0.50)
Personnel Costs	0.0	0.0	(29.1)	(30.3)	(31.5)	0.0	(32.8)
Operating	0.0	0.0	(8.2)	(8.4)	(8.5)	0.0	(8.7)
Total Operating	\$0.0	\$0.0	(\$37.3)	(\$38.7)	(\$40.0)	\$0.0	(\$41.5)
Debt Service: Bonds	0.0	15.4	69.0	122.4	122.4	0.0	122.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$15.4	\$31.7	\$83.7	\$82.4	\$0.0	\$80.9
Increase to Annual Tipping fee:	\$0.00	\$0.21	\$0.43	\$1.13	\$1.11	\$0.00	\$1.09

LOCATION:
Charles County Landfill

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Landfill Storm Water Management Ponds	Project #: 8042
<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>	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$95	\$0	\$95
Land & ROW	475	0	0	0	0	475	475	0	950
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	22	0	0	0	0	22	29	0	51
Administration - FAS	3	0	0	0	0	3	6	0	9
Inspection	25	0	0	0	0	25	25	0	50
Miscellaneous	5	0	0	0	0	5	10	0	15
Contingency	48	0	0	0	0	48	47	0	95
Total Outlay	\$578	\$0	\$0	\$0	\$0	\$578	\$687	\$0	\$1,265

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$578	\$0	\$0	\$0	\$0	\$578	\$687	\$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	\$578	\$0	\$0	\$0	\$0	\$578	\$687	\$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
Total Funding	\$578	\$0	\$0	\$0	\$0	\$578	\$687	\$0	\$1,265

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	57.1	107.9	107.9	107.9	107.9	57.1	107.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$57.1	\$107.9	\$107.9	\$107.9	\$107.9	\$57.1	\$107.9

Increase to Annual Tipping fee:	\$0.79	\$1.47	\$1.46	\$1.46	\$1.46	\$0.83	\$1.46
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LOCATION:	Charles County Landfill
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APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:

NPDES Retrofit Projects

Requested By: PGM

Project #: 8019

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.

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.

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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$770	\$770	\$770	\$770	\$770	\$3,850	\$84	\$770	\$4,704
Land & ROW	583	750	750	750	750	3,583	2,733	750	7,066
Construction	7,700	7,700	7,700	7,700	7,700	38,500	12,215	7,700	58,415
Equipment	0	0	0	0	0	0	0	0	0
Administration	527	527	527	527	527	2,635	680	530	3,845
Administration - FAS	3	3	3	3	3	15	22	3	40
Inspection	230	230	230	230	230	1,150	218	230	1,598
Miscellaneous	200	200	200	200	200	1,000	271	200	1,471
Contingency	770	770	770	770	770	3,850	1,511	770	6,131
Total Outlay	\$10,783	\$10,950	\$10,950	\$10,950	\$10,950	\$54,583	\$17,735	\$10,953	\$83,271

FINANCING SOURCES		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		5-Year	
												Total '17-'21	Approp. thru FY16
Bonds (30 Year)		\$10,783	\$10,950	\$10,950	\$10,950	\$10,950	\$10,950	\$10,950	\$10,950	\$10,950	\$10,950	\$54,583	\$17,735
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
Total County Funding		\$10,783	\$10,950	\$54,583	\$17,735								
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
Total Funding		\$10,783	\$10,950	\$54,583	\$17,735								

Operating Budget Impact		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		Approp. thru FY16		Beyond FY 2021	
No. of Personnel		0.00	0.00	0.00	0.00	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	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	0.0	0.0	0.0	0.0	
Total Operating		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Debt Service: Bonds		1,474.9	2,148.6	2,836.7	3,524.9	4,213.0						1,474.9	6,183.0		
Vehicle & Equipment Lease		0.0	0.0	0.0	0.0	0.0						0.0	0.0		
Total Impact		\$1,474.9	\$2,148.6	\$2,836.7	\$3,524.9	\$4,213.0						\$1,474.9	\$6,183.0		
Increase to Annual WPRF fee:		\$28.98	\$41.67	\$54.31	\$66.63	\$78.64						\$28.98	\$113.96		

LOCATION:

Charles County Development District- see description

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:

Public Works Campus Stormwater Management Improvements

Requested By: PGM

Project #: 8055

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.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year	Approp. thru FY16	Beyond FY 2021	Project Total
						Total '17-'21			
Architectural & Engineering	\$50	\$0	\$0	\$0	\$0	\$50	\$50	\$0	\$100
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	517	0	0	0	0	517	517	0	1,034
Equipment	0	0	0	0	0	0	0	0	0
Administration	43	0	0	0	0	43	43	0	86
Administration - FAS	3	0	0	0	0	3	3	0	6
Inspection	26	0	0	0	0	26	26	0	52
Miscellaneous	5	0	0	0	0	5	5	0	10
Contingency	52	0	0	0	0	52	52	0	104
Total Outlay	\$696	\$0	\$0	\$0	\$0	\$696	\$696	\$0	\$1,392

FINANCING SOURCES		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds (30 Year)										
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	\$0	\$0	\$0	\$0	\$696	\$696	\$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
Total Funding		\$696	\$0	\$0	\$0	\$0	\$696	\$696	\$0	\$1,392

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp.	Beyond
						thru FY16	FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	57.9	101.4	101.4	101.4	101.4	57.9	101.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$57.9	\$101.4	\$101.4	\$101.4	\$101.4	\$57.9	\$101.4
Increase to Annual WPRF fee:	\$1.14	\$1.97	\$1.94	\$1.92	\$1.89	\$1.14	\$1.87

LOCATION:

La Plata MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME:

Floodplan Analysis Studies

Requested By: PGM

Project #:

Provide computations of major drainage courses of 30 Acres or more that are not mapped by FEMA studies for potential restoration projects.

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year			
						Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Architectural & Engineering	\$100	\$50	\$50	\$50	\$50	\$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	5	5	5	5	20	0	0	20
Administration	7	7	7	7	7	35	0	0	35
Administration - FAS	3	3	3	3	3	15	0	0	15
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	1	1	1	1	1	5	0	0	5
Contingency	1	1	1	1	1	5	0	0	5
Total Outlay	\$112	\$67	\$67	\$67	\$67	\$380	\$0	\$0	\$380

FINANCING SOURCES		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		5-Year Total '17-'21		Approp. thru FY16		Beyond FY 2021		Project Total	
Bonds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation		112	67	67	67	67	67	67	67	67	67	380	0	0	0	0	0	380	0
Operating Transfer		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total County Funding		\$112	\$67	\$380	\$0	\$0	\$0	\$0	\$0	\$380	\$0								
Federal		0	0	0	0	0	0	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	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Funding		\$112	\$67	\$380	\$0	\$0	\$0	\$0	\$0	\$380	\$0								

Operating Budget Impact		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		Approp. thru FY16		Beyond FY 2021	
No. of Personnel		0.00	0.00	0.00	0.00	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	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	0.0	0.0	0.0		
Total Operating		\$0.0	\$0.0												
Debt Service: Bonds		0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0		
Total Impact		\$0.0	\$0.0												
Increase to Annual WPRF fee:		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		

LOCATION:

Throughout Charles County

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2017

(\$ in thousands)

PROJECT NAME: Gilbert Run Watershed Dam Repairs	Requested By: DPW Project #:
Repairs to drain valve at Trinity Lake and underdrain system at Jameson Lake, both part of the Gilbert Run Watershed.	

EXPENSE BUDGET	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	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	70	0	0	0	0	70	0	0	70
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	3	0	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	1	0	0	0	0	1	0	0	1
Contingency	7	0	0	0	0	7	0	0	7
Total Outlay	\$81	\$0	\$0	\$0	\$0	\$81	\$0	\$0	\$81

FINANCING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	Approp. thru FY16	Beyond FY 2021	Project Total
Bonds	\$81	\$0	\$0	\$0	\$0	\$81	\$0	\$0	\$81
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	\$81	\$0	\$0	\$0	\$0	\$81	\$0	\$0	\$81
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
Total Funding	\$81	\$0	\$0	\$0	\$0	\$81	\$0	\$0	\$81

Operating Budget Impact	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Approp. thru FY16	Beyond FY 2021
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
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	7.1	7.1	7.1	7.1	0.0	7.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$7.1	\$7.1	\$7.1	\$7.1	\$0.0	\$7.1
Increase to Annual WPRF fee:	\$0.00	\$0.14	\$0.14	\$0.13	\$0.13	\$0.00	\$0.13

LOCATION: Gilbert Run Watershed - Trinity and Jameson Lake
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